assignment3

February 23, 2025

1 Assignment 3: Reinforcement Learning Pipeline in Practice

CS260R: Reinforcement Learning. Department of Computer Science at University of California, Los Angeles. Course Instructor: Professor Bolei ZHOU. Assignment author: Zhenghao PENG.

1.1 TODOs

You need to implement all TODOs in the python files. Then run all cells in this notebook and plot your results.

Note:

1. You can run the training in your terminal and selectively run the visualization and evaluation cells in this notebook.
2. You need to remove the "REFERENCE" in figures.
3. You don't need to exactly reproduce our results, but your implementation should show the similar progress in training.
4. We use multi-processing to enable asynchronous data sampling. Therefore in many places the tensors have shape `[num_steps, num_envs, num_feat]`. This means that `num_envs` environments are running concurrently and each of them samples a fragment of trajectory with length `num_steps`. There are totally `num_steps*num_envs` transitions are generated in each training iteration.
5. Each process can only have a single MetaDrive environment.
6. The jupyter notebook is used for tutorial and visualization. It is optional for you to use the notebook to call `train_ppo|td3.py` and `eval_ppo|td3.py`. But we expect to see figures, results and visualization in this notebook.

We are expecting the following figures, results and visualization:

1. TD3 in Pendulum-v1: learning curve (2.1)
2. TD3 in MetaDrive-Tut-Hard-v0: learning curve (2.2), evaluation result (2.3)
3. PPO in CartPole-v1: learning curve (3.1)
4. PPO in MetaDrive-Tut-Hard-v0: learning curve (3.2), evaluation result (3.3), visualization (3.4)

1.1.1 File structure

You need to pay attention to the files below:

TD3:

- `core/td3_trainer.py` - File which can be directly run to train TD3. **Please implement TD3 here.**

PPO:

- `train_ppo.py` - Train scripts for PPO in CartPole-v0 and MetaDrive. **Please implement TODO in this file.**
- `core/ppo_trainer.py` - PPO algorithm. **Please implement `compute_action` and `compute_loss`.**
- `core/buffer.py` - Supporting data structure for PPO (GAE is implemented here). **Please implement `compute_returns` for PPO.**

Common:

- `assignment3.ipynb` - Useful jupyter notebook to walk you through the whole assignment. You need to plot figures and results here.
- `[train|eval]_[ppo|td3].py` - The entries to training and evaluation.

1.1.2 Deliverables

1) The exported **PDF file** of the this notebook.
2) Compress all files in the `assignment3` folder and prepare a **ZIP file**. No `.rar` or other format is allowed.

You need to submit **both the ZIP file and the PDF file** to bruinlearn. The PDF file goes to gradescope tab and the ZIP file goes to the assignment tab.

1.1.3 Colab supporting

Though we use multiple files to implement algorithms, we can still leverage Colab for free computing resources.

- Step 1: Create a folder in your Google Drive root named `cs260r`
- Step 2: Upload the files in `assignment3` folder such as `train_ppo.py` and the folder `core` to the newly created `cs260r` folder in your Google Drive.
- Step 3: Run the last cell in Demo 1 (pay attention to the code we mount the colab to your google drive).

1.2 Demo 1: Setup dependencies

```
[1]: !pip install torch

# Install MetaDrive, a lightweight driving simulator
!pip install git+https://github.com/metadriverse/metadrive

# Test whether MetaDrive is properly installed. No error means the test is␣
 ↪passed.
!python -m metadrive.examples.profile_metadrive --num-steps 100

!pip install pandas scipy seaborn tabulate pyyaml
```

Requirement already satisfied: torch in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages
(2.5.0+cu124)
Requirement already satisfied: filelock in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (3.12.4)
Requirement already satisfied: typing-extensions>=4.8.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (4.8.0)
Requirement already satisfied: networkx in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (3.1)
Requirement already satisfied: jinja2 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (3.1.2)
Requirement already satisfied: fsspec in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (2024.3.1)
Requirement already satisfied: sympy==1.13.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
torch) (1.13.1)
Requirement already satisfied: mpmath<1.4,>=1.1.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
sympy==1.13.1->torch) (1.3.0)
Requirement already satisfied: MarkupSafe>=2.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
jinja2->torch) (2.1.3)

[notice] A new release of pip is available: 24.2 -> 25.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip

Collecting git+https://github.com/metadriverse/metadrive
  Cloning https://github.com/metadriverse/metadrive to
c:\users\admin\appdata\local\temp\pip-req-build-f37g8v5g
  Resolved https://github.com/metadriverse/metadrive to commit
13befc8e6ddc5f3ffe907073007fb3ea187d87db
  Preparing metadata (setup.py): started
  Preparing metadata (setup.py): finished with status 'done'
Requirement already satisfied: requests in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (2.32.3)
Requirement already satisfied: gymnasium>=0.28 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (0.28.1)
Requirement already satisfied: numpy>=1.21.6 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (1.26.0)
Requirement already satisfied: matplotlib in

c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (3.8.0)
Requirement already satisfied: pygame in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (2.6.1)
Requirement already satisfied: yapf in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (0.43.0)
Requirement already satisfied: tqdm in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (4.67.0)
Requirement already satisfied: progressbar in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (2.5)
Requirement already satisfied: panda3d==1.10.14 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (1.10.14)
Requirement already satisfied: panda3d-gltf==0.13 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (0.13)
Requirement already satisfied: pillow in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (10.0.1)
Requirement already satisfied: opencv-python in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (4.9.0.80)
Requirement already satisfied: lxml in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (5.3.0)
Requirement already satisfied: scipy in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (1.11.2)
Requirement already satisfied: psutil in
c:\users\admin\appdata\roaming\python\python39\site-packages (from metadrive-
simulator==0.4.3) (5.9.5)
Requirement already satisfied: shapely in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (2.0.7)
Requirement already satisfied: filelock in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (3.12.4)
Requirement already satisfied: Pygments in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (2.19.1)
Requirement already satisfied: mediapy in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
metadrive-simulator==0.4.3) (1.2.2)
Requirement already satisfied: panda3d-simplepbr>=0.6 in

c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
panda3d-gltf==0.13->metadrive-simulator==0.4.3) (0.12.0)
Requirement already satisfied: jax-jumpy>=1.0.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
gymnasium>=0.28->metadrive-simulator==0.4.3) (1.0.0)
Requirement already satisfied: cloudpickle>=1.2.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
gymnasium>=0.28->metadrive-simulator==0.4.3) (3.1.1)
Requirement already satisfied: typing-extensions>=4.3.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
gymnasium>=0.28->metadrive-simulator==0.4.3) (4.8.0)
Requirement already satisfied: farama-notifications>=0.0.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
gymnasium>=0.28->metadrive-simulator==0.4.3) (0.0.4)
Requirement already satisfied: importlib-metadata>=4.8.0 in
c:\users\admin\appdata\roaming\python\python39\site-packages (from
gymnasium>=0.28->metadrive-simulator==0.4.3) (6.8.0)
Requirement already satisfied: contourpy>=1.0.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (1.1.1)
Requirement already satisfied: cycler>=0.10 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (4.42.1)
Requirement already satisfied: kiwisolver>=1.0.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (1.4.5)
Requirement already satisfied: packaging>=20.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (23.1)
Requirement already satisfied: pyparsing>=2.3.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (3.1.1)
Requirement already satisfied: python-dateutil>=2.7 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (2.8.2)
Requirement already satisfied: importlib-resources>=3.2.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib->metadrive-simulator==0.4.3) (6.1.0)
Requirement already satisfied: ipython in
c:\users\admin\appdata\roaming\python\python39\site-packages (from
mediapy->metadrive-simulator==0.4.3) (8.15.0)
Requirement already satisfied: charset-normalizer<4,>=2 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
requests->metadrive-simulator==0.4.3) (2.1.1)
Requirement already satisfied: idna<4,>=2.5 in

c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from requests->metadrive-simulator==0.4.3) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from requests->metadrive-simulator==0.4.3) (1.26.13)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from requests->metadrive-simulator==0.4.3) (2022.12.7)
Requirement already satisfied: colorama in c:\users\admin\appdata\roaming\python\python39\site-packages (from tqdm->metadrive-simulator==0.4.3) (0.4.6)
Requirement already satisfied: platformdirs>=3.5.1 in c:\users\admin\appdata\roaming\python\python39\site-packages (from yapf->metadrive-simulator==0.4.3) (3.10.0)
Requirement already satisfied: tomli>=2.0.1 in c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from yapf->metadrive-simulator==0.4.3) (2.2.1)
Requirement already satisfied: zipp>=0.5 in c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from importlib-metadata>=4.8.0->gymnasium>=0.28->metadrive-simulator==0.4.3) (3.17.0)
Requirement already satisfied: six>=1.5 in c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from python-dateutil>=2.7->matplotlib->metadrive-simulator==0.4.3) (1.16.0)
Requirement already satisfied: backcall in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (0.2.0)
Requirement already satisfied: decorator in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (5.1.1)
Requirement already satisfied: jedi>=0.16 in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (0.19.0)
Requirement already satisfied: matplotlib-inline in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (0.1.6)
Requirement already satisfied: pickleshare in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (0.7.5)
Requirement already satisfied: prompt-toolkit!=3.0.37,<3.1.0,>=3.0.30 in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (3.0.39)
Requirement already satisfied: stack-data in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (0.6.2)
Requirement already satisfied: traitlets>=5 in c:\users\admin\appdata\roaming\python\python39\site-packages (from ipython->mediapy->metadrive-simulator==0.4.3) (5.10.0)
Requirement already satisfied: exceptiongroup in

c:\users\admin\appdata\roaming\python\python39\site-packages (from
ipython->mediapy->metadrive-simulator==0.4.3) (1.1.3)
Requirement already satisfied: parso<0.9.0,>=0.8.3 in
c:\users\admin\appdata\roaming\python\python39\site-packages (from
jedi>=0.16->ipython->mediapy->metadrive-simulator==0.4.3) (0.8.3)
Requirement already satisfied: wcwidth in
c:\users\admin\appdata\roaming\python\python39\site-packages (from prompt-
toolkit!=3.0.37,<3.1.0,>=3.0.30->ipython->mediapy->metadrive-simulator==0.4.3)
(0.2.6)
Requirement already satisfied: executing>=1.2.0 in
c:\users\admin\appdata\roaming\python\python39\site-packages (from stack-
data->ipython->mediapy->metadrive-simulator==0.4.3) (1.2.0)
Requirement already satisfied: asttokens>=2.1.0 in
c:\users\admin\appdata\roaming\python\python39\site-packages (from stack-
data->ipython->mediapy->metadrive-simulator==0.4.3) (2.4.0)
Requirement already satisfied: pure-eval in
c:\users\admin\appdata\roaming\python\python39\site-packages (from stack-
data->ipython->mediapy->metadrive-simulator==0.4.3) (0.2.2)

  Running command git clone --filter=blob:none --quiet
https://github.com/metadriverse/metadrive
'C:\Users\Admin\AppData\Local\Temp\pip-req-build-f37g8v5g'

[notice] A new release of pip is available: 24.2 -> 25.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip

Start to profile the efficiency of MetaDrive with 1000 maps and ~4 vehicles!
Finish 100/100 simulation steps. Time elapse: 0.3701. Average FPS: 737.1464,
Average number of vehicles: 3.0000
Total Time Elapse: 0.370, average FPS: 737.146, average number of vehicles:
3.000.

[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): None
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1010, Num Scenarios : 1000
[INFO] Episode ended! Scenario Index: 1900 Reason: out_of_road.

Requirement already satisfied: pandas in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (2.1.3)
Requirement already satisfied: scipy in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (1.11.2)
Requirement already satisfied: seaborn in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (0.13.2)
Collecting tabulate

```
  Downloading tabulate-0.9.0-py3-none-any.whl.metadata (34 kB)
Requirement already satisfied: pyyaml in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (6.0.2)
Requirement already satisfied: numpy<2,>=1.22.4 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
pandas) (1.26.0)
Requirement already satisfied: python-dateutil>=2.8.2 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
pandas) (2023.3.post1)
Requirement already satisfied: tzdata>=2022.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
pandas) (2023.3)
Requirement already satisfied: matplotlib!=3.6.1,>=3.4 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
seaborn) (3.8.0)
Requirement already satisfied: contourpy>=1.0.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (1.1.1)
Requirement already satisfied: cycler>=0.10 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (4.42.1)
Requirement already satisfied: kiwisolver>=1.0.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (1.4.5)
Requirement already satisfied: packaging>=20.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (23.1)
Requirement already satisfied: pillow>=6.2.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (10.0.1)
Requirement already satisfied: pyparsing>=2.3.1 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (3.1.1)
Requirement already satisfied: importlib-resources>=3.2.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
matplotlib!=3.6.1,>=3.4->seaborn) (6.1.0)
Requirement already satisfied: six>=1.5 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
python-dateutil>=2.8.2->pandas) (1.16.0)
Requirement already satisfied: zipp>=3.1.0 in
c:\users\admin\appdata\local\programs\python\python39\lib\site-packages (from
importlib-resources>=3.2.0->matplotlib!=3.6.1,>=3.4->seaborn) (3.17.0)
```

```
Downloading tabulate-0.9.0-py3-none-any.whl (35 kB)
Installing collected packages: tabulate
Successfully installed tabulate-0.9.0


[notice] A new release of pip is available: 24.2 -> 25.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```python
[5]: import os

     try:
         from google.colab import drive
         drive.mount('/content/gdrive')

         DRIVE_PATH = '/content/gdrive/My Drive/cs260r'  # No need for backslash
         if not os.path.exists(DRIVE_PATH):
             !mkdir -p "$DRIVE_PATH"  # Ensure the folder exists

         # Create a symlink to avoid issues with spaces in 'My Drive'
         SYM_PATH = '/content/cs260r'
         if not os.path.exists(SYM_PATH):
             !ln -s "$DRIVE_PATH" "$SYM_PATH"

         running_in_colab = True

         # We already mounted in our google drive.
         # Enter the foler where you put files in:
         %cd '/content/cs260r'

     except ModuleNotFoundError:
         running_in_colab = False
         print("I guess you are running locally. If you get this message in Colab,␣
      ↪something is wrong.")

     print("\nCurrent working directory:")
     %pwd

     print("\nWhat files are there:")
     %ls
```

```
I guess you are running locally. If you get this message in Colab, something is
wrong.

Current working directory:

What files are there:
 Volume in drive C is Windows
 Volume Serial Number is 9034-6F82
```

```
Directory of C:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3

02/23/2025  08:30 PM    <DIR>          .
02/23/2025  08:30 PM    <DIR>          ..
02/23/2025  08:28 PM    <DIR>          .ipynb_checkpoints
02/17/2025  10:14 PM              176 .style.yapf
02/17/2025  10:14 PM                0 __init__.py
02/22/2025  05:56 PM    <DIR>          __pycache__
02/23/2025  07:05 PM        3,438,897 assignment3.html
02/23/2025  08:30 PM        3,543,078 assignment3.ipynb
02/23/2025  06:24 PM          122,364 cartpole-ppo.png
02/22/2025  07:09 PM    <DIR>          CartPole-v1
02/22/2025  05:00 PM    <DIR>          core
02/17/2025  10:14 PM            1,988 eval_ppo.py
02/17/2025  10:14 PM            2,230 eval_td3.py
02/17/2025  10:14 PM              678 format.sh
02/23/2025  07:05 PM          121,948 metadrive-hard-ppo.png
02/22/2025  05:55 PM          111,325 metadrive-hard-td3.png
02/22/2025  07:18 PM    <DIR>          MetaDrive-Tut-Hard-v0
02/22/2025  05:27 PM          107,888 pendulum-td3.png
02/22/2025  05:14 PM    <DIR>          Pendulum-v1
02/17/2025  10:14 PM              343 README.md
02/17/2025  10:14 PM            7,224 train_ppo.py
02/17/2025  10:17 PM            6,802 train_td3.py
02/17/2025  10:14 PM            7,722 vis.py
              15 File(s)      7,472,663 bytes
               8 Dir(s)  90,070,937,600 bytes free
```

1.3 Demo 2: Train a TD3 agent

Spinning Up tutorial provides great explaination on TD3 algorithm: https://spinningup.openai.com/en/latest/algorithms/td3.html

Please implement all TODOs in `core/td3_trainer.py` and `train_td3.py`.

1.3.1 Demo 2.1: Train TD3 agent in Pendulum-v1

```
[3]: !python train_td3.py \
     --env-id Pendulum-v1 \
     --log-dir Pendulum-v1 \
     --max-steps 50000 \
     --start-steps 1000 \
     --lr 1e-3
```

c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core

Training Step: 0%| | 0/50000 [00:00<?, ?it/s]

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Training Step:    2%|              | 1001/50000 [00:00<00:26, 1816.56it/s]
Training Step:    2%|              | 1183/50000 [00:02<01:47, 452.78it/s]
Training Step:    3%|              | 1265/50000 [00:02<02:21, 343.95it/s]
Training Step:    3%|              | 1315/50000 [00:03<02:41, 300.94it/s]
Training Step:    3%|              | 1351/50000 [00:03<03:01, 268.36it/s]
Training Step:    3%|              | 1379/50000 [00:03<03:21, 240.83it/s]
Training Step:    3%|              | 1401/50000 [00:03<03:39, 220.96it/s]
Training Step:    3%|              | 1420/50000 [00:04<03:54, 207.01it/s]
Training Step:    3%|              | 1437/50000 [00:04<04:06, 196.65it/s]
Training Step:    3%|              | 1454/50000 [00:04<04:21, 185.75it/s]
Training Step:    3%|              | 1470/50000 [00:04<04:35, 176.15it/s]
Training Step:    3%|              | 1485/50000 [00:04<04:56, 163.44it/s]
Training Step:    3%|              | 1500/50000 [00:04<05:18, 152.15it/s]
Training Step:    3%|              | 1514/50000 [00:04<05:33, 145.49it/s]
Training Step:    3%|              | 1528/50000 [00:04<05:44, 140.58it/s]
Training Step:    3%|              | 1542/50000 [00:04<05:50, 138.25it/s]
Training Step:    3%|              | 1556/50000 [00:05<06:14, 129.52it/s]
Training Step:    3%|              | 1570/50000 [00:05<06:12, 129.87it/s]
Training Step:    3%|              | 1584/50000 [00:05<06:08, 131.36it/s]
Training Step:    3%|              | 1598/50000 [00:05<06:12, 130.04it/s]
Training Step:    3%|              | 1611/50000 [00:05<06:13, 129.63it/s]
Training Step:    3%|              | 1624/50000 [00:05<06:19, 127.58it/s]
Training Step:    3%|              | 1639/50000 [00:05<06:04, 132.77it/s]
Training Step:    3%|              | 1653/50000 [00:05<06:06, 131.87it/s]
Training Step:    3%|              | 1667/50000 [00:05<06:04, 132.77it/s]
Training Step:    3%|              | 1681/50000 [00:06<05:59, 134.45it/s]
Training Step:    3%|              | 1695/50000 [00:06<05:57, 135.29it/s]
Training Step:    3%|              | 1709/50000 [00:06<06:03, 132.86it/s]
Training Step:    3%|              | 1723/50000 [00:06<05:58, 134.83it/s]
Training Step:    3%|              | 1737/50000 [00:06<06:01, 133.34it/s]
Training Step:    4%|              | 1751/50000 [00:06<06:16, 128.12it/s]
Training Step:    4%|              | 1764/50000 [00:06<06:19, 127.16it/s]
Training Step:    4%|              | 1778/50000 [00:06<06:16, 128.15it/s]
Training Step:    4%|              | 1792/50000 [00:06<06:14, 128.89it/s]
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Training Step:    4%|              | 1830/50000 [00:07<07:56, 101.19it/s]
Training Step:    4%|              | 1843/50000 [00:07<07:29, 107.16it/s]
Training Step:    4%|              | 1855/50000 [00:07<07:42, 104.18it/s]
Training Step:    4%|              | 1866/50000 [00:07<07:44, 103.54it/s]
Training Step:    4%|              | 1878/50000 [00:07<07:35, 105.67it/s]
Training Step:    4%|              | 1890/50000 [00:07<07:22, 108.68it/s]
Training Step:    4%|              | 1902/50000 [00:07<07:14, 110.57it/s]
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Training Step:    4%|              | 1926/50000 [00:08<07:04, 113.15it/s]
Training Step:    4%|              | 1938/50000 [00:08<07:01, 113.95it/s]
Training Step:    4%|              | 1951/50000 [00:08<06:47, 117.96it/s]
Training Step:    4%|              | 1963/50000 [00:08<06:46, 118.16it/s]
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Training Step:   4%|            | 1975/50000 [00:08<07:00, 114.11it/s]
Training Step:   4%|            | 1989/50000 [00:08<06:39, 120.11it/s]
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Training Step:   4%|            | 2016/50000 [00:08<06:41, 119.51it/s]
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Training Step:   4%|            | 2042/50000 [00:09<06:53, 116.08it/s]
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Training Step:   4%|            | 2069/50000 [00:09<06:36, 120.78it/s]
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Training Step:   4%|            | 2095/50000 [00:09<06:33, 121.73it/s]
Training Step:   4%|            | 2108/50000 [00:09<07:09, 111.38it/s]
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Training Step:   4%|            | 2147/50000 [00:10<09:42, 82.18it/s]
Training Step:   4%|            | 2157/50000 [00:10<09:53, 80.64it/s]
Training Step:   4%|            | 2167/50000 [00:10<09:30, 83.84it/s]
Training Step:   4%|            | 2177/50000 [00:10<09:06, 87.48it/s]
Training Step:   4%|            | 2187/50000 [00:10<10:36, 75.17it/s]
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Training Step:   5%|            | 2334/50000 [00:11<06:40, 119.08it/s]
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Training Step:   5%|            | 2424/50000 [00:12<06:41, 118.52it/s]
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Training Step:   5%|            | 2450/50000 [00:12<06:37, 119.74it/s]
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Training Step:   5%|            | 2555/50000 [00:13<06:33, 120.44it/s]
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Training Step:   6%|         | 3028/50000 [00:17<06:59, 111.97it/s]
Training Step:   6%|         | 3040/50000 [00:17<07:04, 110.74it/s]
Training Step:   6%|         | 3052/50000 [00:18<06:54, 113.24it/s]
Training Step:   6%|         | 3064/50000 [00:18<06:54, 113.18it/s]
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Training Step:   6%|         | 3087/50000 [00:18<07:22, 106.09it/s]
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Training Step:    8%|             | 3757/50000 [00:24<06:30, 118.33it/s]
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Training Step:    8%|              | 3918/50000 [00:25<06:37, 116.01it/s]
Training Step:    8%|              | 3930/50000 [00:25<06:40, 115.05it/s]
Training Step:    8%|              | 3943/50000 [00:25<06:31, 117.57it/s]
Training Step:    8%|              | 3955/50000 [00:25<06:41, 114.62it/s]
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Training Step:    8%|              | 4052/50000 [00:26<06:43, 113.75it/s]
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Training Step:    8%|              | 4077/50000 [00:26<06:35, 116.03it/s]
Training Step:    8%|              | 4089/50000 [00:26<06:39, 115.06it/s]
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Training Step:    8%|              | 4113/50000 [00:27<06:35, 116.03it/s]
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Training Step:    9%|              | 4316/50000 [00:28<06:31, 116.54it/s]
Training Step:    9%|              | 4328/50000 [00:29<06:33, 116.15it/s]
Training Step:    9%|              | 4340/50000 [00:29<06:29, 117.25it/s]
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Training Step:    9%|            | 4389/50000 [00:29<06:24, 118.67it/s]
Training Step:    9%|            | 4401/50000 [00:29<06:23, 118.99it/s]
Training Step:    9%|            | 4414/50000 [00:29<06:24, 118.52it/s]
Training Step:    9%|            | 4426/50000 [00:29<06:26, 117.91it/s]
Training Step:    9%|            | 4438/50000 [00:29<06:26, 117.93it/s]
Training Step:    9%|            | 4452/50000 [00:30<06:17, 120.67it/s]
Training Step:    9%|            | 4465/50000 [00:30<06:14, 121.64it/s]
Training Step:    9%|            | 4478/50000 [00:30<06:27, 117.54it/s]
Training Step:    9%|            | 4490/50000 [00:30<06:29, 116.76it/s]
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Training Step:    9%|            | 4616/50000 [00:31<06:21, 118.82it/s]
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Training Step:   10%|            | 4945/50000 [00:34<06:20, 118.50it/s]
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Training Step:  11%|                    | 5508/50000 [00:39<07:14, 102.49it/s]
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Training Step:  12%|          | 5756/50000 [00:41<06:10, 119.54it/s]
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Training Step:  12%|          | 6088/50000 [00:44<06:19, 115.83it/s]
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Training Step:  13%|            | 6667/50000 [00:49<06:05, 118.71it/s]
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Training Step:  14%|          | 7221/50000 [00:54<06:22, 111.81it/s]
Training Step:  14%|          | 7233/50000 [00:54<06:23, 111.52it/s]
Training Step:  14%|          | 7245/50000 [00:54<06:20, 112.39it/s]
Training Step:  15%|          | 7257/50000 [00:54<06:24, 111.09it/s]
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Training Step:  15%|          | 7488/50000 [00:56<05:58, 118.60it/s]
Training Step:  15%|          | 7500/50000 [00:56<05:58, 118.56it/s]
Training Step:  15%|          | 7513/50000 [00:56<05:53, 120.30it/s]
Training Step:  15%|          | 7526/50000 [00:56<05:56, 119.18it/s]
Training Step:  15%|          | 7538/50000 [00:57<05:56, 119.16it/s]
Training Step:  15%|          | 7550/50000 [00:57<05:59, 118.06it/s]
Training Step:  15%|          | 7562/50000 [00:57<06:05, 116.14it/s]
Training Step:  15%|          | 7574/50000 [00:57<06:10, 114.62it/s]
Training Step:  15%|          | 7586/50000 [00:57<06:18, 111.98it/s]
Training Step:  15%|          | 7598/50000 [00:57<06:18, 112.14it/s]
Training Step:  15%|          | 7610/50000 [00:57<06:18, 111.94it/s]
Training Step:  15%|          | 7622/50000 [00:57<06:15, 112.74it/s]
Training Step:  15%|          | 7634/50000 [00:57<06:12, 113.67it/s]
Training Step:  15%|          | 7646/50000 [00:58<06:19, 111.48it/s]
Training Step:  15%|          | 7658/50000 [00:58<06:12, 113.66it/s]
Training Step:  15%|          | 7670/50000 [00:58<06:06, 115.35it/s]
Training Step:  15%|          | 7682/50000 [00:58<06:10, 114.22it/s]
Training Step:  15%|          | 7694/50000 [00:58<06:12, 113.45it/s]
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Training Step:  15%|          | 7719/50000 [00:58<05:59, 117.47it/s]
Training Step:  15%|          | 7732/50000 [00:58<05:59, 117.60it/s]
Training Step:  15%|          | 7744/50000 [00:58<05:58, 117.90it/s]
Training Step:  16%|          | 7757/50000 [00:58<05:52, 120.00it/s]
Training Step:  16%|          | 7770/50000 [00:59<05:55, 118.87it/s]
Training Step:  16%|          | 7782/50000 [00:59<05:54, 119.16it/s]
Training Step:  16%|          | 7795/50000 [00:59<05:49, 120.59it/s]
Training Step:  16%|          | 7808/50000 [00:59<05:54, 119.03it/s]
Training Step:  16%|          | 7821/50000 [00:59<05:50, 120.23it/s]
Training Step:  16%|          | 7834/50000 [00:59<05:53, 119.20it/s]
Training Step:  16%|          | 7846/50000 [00:59<05:53, 119.18it/s]
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Training Step:  16%|            | 7870/50000 [00:59<05:55, 118.53it/s]
Training Step:  16%|            | 7882/50000 [01:00<05:55, 118.63it/s]
Training Step:  16%|            | 7895/50000 [01:00<05:49, 120.60it/s]
Training Step:  16%|            | 7908/50000 [01:00<05:52, 119.49it/s]
Training Step:  16%|            | 7921/50000 [01:00<05:46, 121.49it/s]
Training Step:  16%|            | 7934/50000 [01:00<05:52, 119.20it/s]
Training Step:  16%|            | 7947/50000 [01:00<05:46, 121.34it/s]
Training Step:  16%|            | 7960/50000 [01:00<05:50, 119.86it/s]
Training Step:  16%|            | 7973/50000 [01:00<05:47, 120.96it/s]
Training Step:  16%|            | 7986/50000 [01:00<05:51, 119.49it/s]
Training Step:  16%|            | 7999/50000 [01:01<05:47, 120.81it/s]
Training Step:  16%|            | 8012/50000 [01:01<06:01, 116.20it/s]
Training Step:  16%|            | 8024/50000 [01:01<06:04, 115.19it/s]
Training Step:  16%|            | 8037/50000 [01:01<05:56, 117.73it/s]
Training Step:  16%|            | 8049/50000 [01:01<05:54, 118.33it/s]
Training Step:  16%|            | 8061/50000 [01:01<05:53, 118.59it/s]
Training Step:  16%|            | 8074/50000 [01:01<05:55, 117.99it/s]
Training Step:  16%|            | 8086/50000 [01:01<05:54, 118.36it/s]
Training Step:  16%|            | 8098/50000 [01:01<05:52, 118.77it/s]
Training Step:  16%|            | 8110/50000 [01:01<05:52, 118.97it/s]
Training Step:  16%|            | 8122/50000 [01:02<05:51, 119.14it/s]
Training Step:  16%|            | 8134/50000 [01:02<06:10, 112.99it/s]
Training Step:  16%|            | 8146/50000 [01:02<06:20, 110.01it/s]
Training Step:  16%|            | 8158/50000 [01:02<06:18, 110.62it/s]
Training Step:  16%|            | 8170/50000 [01:02<06:25, 108.51it/s]
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Training Step:  16%|            | 8194/50000 [01:02<06:13, 111.84it/s]
Training Step:  16%|            | 8206/50000 [01:02<06:08, 113.33it/s]
Training Step:  16%|            | 8219/50000 [01:02<05:58, 116.48it/s]
Training Step:  16%|            | 8232/50000 [01:03<05:56, 117.17it/s]
Training Step:  16%|            | 8245/50000 [01:03<05:50, 119.29it/s]
Training Step:  17%|            | 8258/50000 [01:03<05:52, 118.38it/s]
Training Step:  17%|            | 8270/50000 [01:03<05:51, 118.80it/s]
Training Step:  17%|            | 8282/50000 [01:03<05:50, 119.13it/s]
Training Step:  17%|            | 8294/50000 [01:03<05:51, 118.73it/s]
Training Step:  17%|            | 8307/50000 [01:03<05:44, 120.96it/s]
Training Step:  17%|            | 8320/50000 [01:03<05:47, 119.97it/s]
Training Step:  17%|            | 8333/50000 [01:03<05:45, 120.47it/s]
Training Step:  17%|            | 8346/50000 [01:03<05:49, 119.07it/s]
Training Step:  17%|            | 8358/50000 [01:04<05:50, 118.70it/s]
Training Step:  17%|            | 8371/50000 [01:04<05:44, 120.99it/s]
Training Step:  17%|            | 8384/50000 [01:04<05:49, 119.08it/s]
Training Step:  17%|            | 8396/50000 [01:04<05:50, 118.76it/s]
Training Step:  17%|            | 8409/50000 [01:04<05:43, 121.14it/s]
Training Step:  17%|            | 8422/50000 [01:04<05:47, 119.60it/s]
Training Step:  17%|            | 8435/50000 [01:04<05:42, 121.21it/s]
Training Step:  17%|            | 8448/50000 [01:04<05:46, 119.87it/s]
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Training Step:  17%|          | 8461/50000 [01:04<05:43, 120.86it/s]
Training Step:  17%|          | 8474/50000 [01:05<05:44, 120.49it/s]
Training Step:  17%|          | 8487/50000 [01:05<05:47, 119.36it/s]
Training Step:  17%|          | 8499/50000 [01:05<05:47, 119.29it/s]
Training Step:  17%|          | 8511/50000 [01:05<05:48, 119.00it/s]
Training Step:  17%|          | 8524/50000 [01:05<05:49, 118.61it/s]
Training Step:  17%|          | 8537/50000 [01:05<05:42, 121.20it/s]
Training Step:  17%|          | 8550/50000 [01:05<05:45, 119.99it/s]
Training Step:  17%|          | 8563/50000 [01:05<05:42, 120.84it/s]
Training Step:  17%|          | 8576/50000 [01:05<05:45, 119.84it/s]
Training Step:  17%|          | 8588/50000 [01:05<05:45, 119.73it/s]
Training Step:  17%|          | 8601/50000 [01:06<05:41, 121.30it/s]
Training Step:  17%|          | 8614/50000 [01:06<05:39, 122.00it/s]
Training Step:  17%|          | 8627/50000 [01:06<05:40, 121.52it/s]
Training Step:  17%|          | 8640/50000 [01:06<05:42, 120.60it/s]
Training Step:  17%|          | 8653/50000 [01:06<05:42, 120.56it/s]
Training Step:  17%|          | 8666/50000 [01:06<05:44, 120.00it/s]
Training Step:  17%|          | 8679/50000 [01:06<05:43, 120.41it/s]
Training Step:  17%|          | 8692/50000 [01:06<05:45, 119.68it/s]
Training Step:  17%|          | 8705/50000 [01:06<05:43, 120.35it/s]
Training Step:  17%|          | 8718/50000 [01:07<05:45, 119.64it/s]
Training Step:  17%|          | 8730/50000 [01:07<05:44, 119.65it/s]
Training Step:  17%|          | 8742/50000 [01:07<05:44, 119.73it/s]
Training Step:  18%|          | 8754/50000 [01:07<05:49, 117.88it/s]
Training Step:  18%|          | 8766/50000 [01:07<05:55, 116.01it/s]
Training Step:  18%|          | 8779/50000 [01:07<05:43, 120.00it/s]
Training Step:  18%|          | 8792/50000 [01:07<05:51, 117.28it/s]
Training Step:  18%|          | 8804/50000 [01:07<05:58, 115.06it/s]
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Training Step:  18%|          | 8828/50000 [01:08<05:51, 117.27it/s]
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Training Step:  18%|          | 8853/50000 [01:08<05:45, 119.00it/s]
Training Step:  18%|          | 8866/50000 [01:08<05:45, 118.92it/s]
Training Step:  18%|          | 8878/50000 [01:08<05:46, 118.58it/s]
Training Step:  18%|          | 8891/50000 [01:08<05:41, 120.37it/s]
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Training Step:  18%|          | 8929/50000 [01:08<05:40, 120.63it/s]
Training Step:  18%|          | 8942/50000 [01:08<05:53, 116.28it/s]
Training Step:  18%|          | 8954/50000 [01:09<05:53, 116.03it/s]
Training Step:  18%|          | 8966/50000 [01:09<05:54, 115.68it/s]
Training Step:  18%|          | 8979/50000 [01:09<05:46, 118.55it/s]
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Training Step:  18%|          | 9004/50000 [01:09<05:46, 118.25it/s]
Training Step:  18%|          | 9017/50000 [01:09<05:41, 120.05it/s]
Training Step:  18%|          | 9030/50000 [01:09<05:45, 118.60it/s]
Training Step:  18%|          | 9043/50000 [01:09<05:40, 120.16it/s]
Training Step:  18%|          | 9056/50000 [01:09<05:43, 119.27it/s]
```

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Training Step:  18%|          | 9068/50000 [01:10<05:43, 119.27it/s]
Training Step:  18%|          | 9081/50000 [01:10<05:39, 120.63it/s]
Training Step:  18%|          | 9094/50000 [01:10<05:42, 119.26it/s]
Training Step:  18%|          | 9106/50000 [01:10<05:43, 119.04it/s]
Training Step:  18%|          | 9119/50000 [01:10<05:38, 120.79it/s]
Training Step:  18%|          | 9132/50000 [01:10<05:42, 119.29it/s]
Training Step:  18%|          | 9144/50000 [01:10<05:53, 115.56it/s]
Training Step:  18%|          | 9156/50000 [01:10<05:53, 115.49it/s]
Training Step:  18%|          | 9168/50000 [01:10<05:53, 115.58it/s]
Training Step:  18%|          | 9180/50000 [01:11<06:04, 111.99it/s]
Training Step:  18%|          | 9192/50000 [01:11<06:00, 113.07it/s]
Training Step:  18%|          | 9205/50000 [01:11<05:50, 116.37it/s]
Training Step:  18%|          | 9218/50000 [01:11<05:48, 116.92it/s]
Training Step:  18%|          | 9231/50000 [01:11<05:42, 119.13it/s]
Training Step:  18%|          | 9243/50000 [01:11<05:42, 118.89it/s]
Training Step:  19%|          | 9256/50000 [01:11<05:43, 118.62it/s]
Training Step:  19%|          | 9268/50000 [01:11<05:45, 117.96it/s]
Training Step:  19%|          | 9281/50000 [01:11<05:36, 121.10it/s]
Training Step:  19%|          | 9294/50000 [01:11<05:39, 119.76it/s]
Training Step:  19%|          | 9306/50000 [01:12<05:40, 119.63it/s]
Training Step:  19%|          | 9319/50000 [01:12<05:35, 121.26it/s]
Training Step:  19%|          | 9332/50000 [01:12<05:41, 119.21it/s]
Training Step:  19%|          | 9345/50000 [01:12<05:37, 120.62it/s]
Training Step:  19%|          | 9358/50000 [01:12<05:43, 118.42it/s]
Training Step:  19%|          | 9371/50000 [01:12<05:37, 120.48it/s]
Training Step:  19%|          | 9384/50000 [01:12<05:39, 119.47it/s]
Training Step:  19%|          | 9397/50000 [01:12<05:36, 120.53it/s]
Training Step:  19%|          | 9410/50000 [01:12<05:39, 119.67it/s]
Training Step:  19%|          | 9423/50000 [01:13<05:35, 120.82it/s]
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Training Step:  19%|          | 9449/50000 [01:13<05:35, 120.69it/s]
Training Step:  19%|          | 9462/50000 [01:13<05:38, 119.60it/s]
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Training Step:  19%|          | 9539/50000 [01:13<05:35, 120.53it/s]
Training Step:  19%|          | 9552/50000 [01:14<05:37, 119.89it/s]
Training Step:  19%|          | 9564/50000 [01:14<05:38, 119.52it/s]
Training Step:  19%|          | 9576/50000 [01:14<05:38, 119.32it/s]
Training Step:  19%|          | 9588/50000 [01:14<05:38, 119.47it/s]
Training Step:  19%|          | 9601/50000 [01:14<05:33, 121.09it/s]
Training Step:  19%|          | 9614/50000 [01:14<05:37, 119.51it/s]
Training Step:  19%|          | 9626/50000 [01:14<05:37, 119.56it/s]
Training Step:  19%|          | 9639/50000 [01:14<05:33, 120.98it/s]
Training Step:  19%|          | 9652/50000 [01:14<05:37, 119.70it/s]
Training Step:  19%|          | 9664/50000 [01:15<05:37, 119.48it/s]
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Training Step:  19%|          | 9676/50000 [01:15<05:38, 119.24it/s]
Training Step:  19%|          | 9688/50000 [01:15<05:41, 118.14it/s]
Training Step:  19%|          | 9700/50000 [01:15<05:58, 112.49it/s]
Training Step:  19%|          | 9712/50000 [01:15<06:02, 111.04it/s]
Training Step:  19%|          | 9724/50000 [01:15<05:59, 112.18it/s]
Training Step:  19%|          | 9736/50000 [01:15<05:55, 113.24it/s]
Training Step:  19%|          | 9748/50000 [01:15<05:51, 114.57it/s]
Training Step:  20%|          | 9760/50000 [01:15<05:46, 116.09it/s]
Training Step:  20%|          | 9772/50000 [01:15<05:51, 114.31it/s]
Training Step:  20%|          | 9784/50000 [01:16<05:51, 114.27it/s]
Training Step:  20%|          | 9796/50000 [01:16<05:57, 112.57it/s]
Training Step:  20%|          | 9809/50000 [01:16<05:47, 115.74it/s]
Training Step:  20%|          | 9821/50000 [01:16<05:47, 115.57it/s]
Training Step:  20%|          | 9834/50000 [01:16<05:44, 116.66it/s]
Training Step:  20%|          | 9847/50000 [01:16<05:36, 119.41it/s]
Training Step:  20%|          | 9859/50000 [01:16<05:38, 118.66it/s]
Training Step:  20%|          | 9871/50000 [01:16<05:46, 115.90it/s]
Training Step:  20%|          | 9883/50000 [01:16<05:46, 115.85it/s]
Training Step:  20%|          | 9895/50000 [01:17<05:55, 112.94it/s]
Training Step:  20%|          | 9907/50000 [01:17<05:49, 114.82it/s]
Training Step:  20%|          | 9919/50000 [01:17<05:48, 114.99it/s]
Training Step:  20%|          | 9931/50000 [01:17<05:50, 114.36it/s]
Training Step:  20%|          | 9943/50000 [01:17<05:59, 111.38it/s]
Training Step:  20%|          | 9955/50000 [01:17<06:08, 108.54it/s]
Training Step:  20%|          | 9966/50000 [01:17<06:15, 106.61it/s]
Training Step:  20%|          | 9978/50000 [01:17<06:06, 109.07it/s]
Training Step:  20%|          | 9990/50000 [01:17<06:02, 110.26it/s]
Training Step:  20%|          | 10002/50000 [01:18<06:17, 106.07it/s]
Training Step:  20%|          | 10015/50000 [01:18<05:59, 111.20it/s]
Training Step:  20%|          | 10027/50000 [01:18<05:52, 113.55it/s]
Training Step:  20%|          | 10039/50000 [01:18<05:51, 113.54it/s]
Training Step:  20%|          | 10051/50000 [01:18<05:46, 115.29it/s]
Training Step:  20%|          | 10063/50000 [01:18<05:51, 113.59it/s]
Training Step:  20%|          | 10075/50000 [01:18<05:48, 114.53it/s]
Training Step:  20%|          | 10087/50000 [01:18<05:47, 114.85it/s]
Training Step:  20%|          | 10099/50000 [01:18<05:43, 116.29it/s]
Training Step:  20%|          | 10111/50000 [01:18<05:57, 111.55it/s]
Training Step:  20%|          | 10123/50000 [01:19<05:57, 111.49it/s]
Training Step:  20%|          | 10135/50000 [01:19<06:13, 106.86it/s]
Training Step:  20%|          | 10146/50000 [01:19<06:12, 106.89it/s]
Training Step:  20%|          | 10157/50000 [01:19<06:10, 107.45it/s]
Training Step:  20%|          | 10168/50000 [01:19<06:18, 105.14it/s]
Training Step:  20%|          | 10180/50000 [01:19<06:10, 107.52it/s]
Training Step:  20%|          | 10192/50000 [01:19<06:09, 107.77it/s]
Training Step:  20%|          | 10204/50000 [01:19<06:09, 107.67it/s]
Training Step:  20%|          | 10216/50000 [01:19<05:59, 110.62it/s]
Training Step:  20%|          | 10228/50000 [01:20<05:54, 112.14it/s]
Training Step:  20%|          | 10240/50000 [01:20<05:53, 112.43it/s]
```

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Training Step:  21%|              | 10252/50000 [01:20<05:52, 112.65it/s]
Training Step:  21%|              | 10264/50000 [01:20<05:50, 113.49it/s]
Training Step:  21%|              | 10276/50000 [01:20<05:49, 113.64it/s]
Training Step:  21%|              | 10288/50000 [01:20<06:00, 110.29it/s]
Training Step:  21%|              | 10300/50000 [01:20<06:01, 109.76it/s]
Training Step:  21%|              | 10312/50000 [01:20<05:56, 111.32it/s]
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Training Step:  21%|              | 10336/50000 [01:21<05:54, 111.79it/s]
Training Step:  21%|              | 10349/50000 [01:21<05:43, 115.40it/s]
Training Step:  21%|              | 10361/50000 [01:21<05:52, 112.32it/s]
Training Step:  21%|              | 10373/50000 [01:21<05:46, 114.35it/s]
Training Step:  21%|              | 10386/50000 [01:21<05:42, 115.50it/s]
Training Step:  21%|              | 10398/50000 [01:21<05:39, 116.58it/s]
Training Step:  21%|              | 10410/50000 [01:21<05:37, 117.42it/s]
Training Step:  21%|              | 10422/50000 [01:21<05:51, 112.57it/s]
Training Step:  21%|              | 10434/50000 [01:21<05:48, 113.58it/s]
Training Step:  21%|              | 10446/50000 [01:22<05:58, 110.24it/s]
Training Step:  21%|              | 10458/50000 [01:22<05:56, 110.87it/s]
Training Step:  21%|              | 10470/50000 [01:22<05:55, 111.35it/s]
Training Step:  21%|              | 10482/50000 [01:22<05:51, 112.41it/s]
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Training Step:  21%|              | 10506/50000 [01:22<05:49, 113.01it/s]
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Training Step:  21%|              | 10530/50000 [01:22<05:39, 116.36it/s]
Training Step:  21%|              | 10542/50000 [01:22<05:38, 116.52it/s]
Training Step:  21%|              | 10555/50000 [01:22<05:31, 119.08it/s]
Training Step:  21%|              | 10568/50000 [01:23<05:32, 118.67it/s]
Training Step:  21%|              | 10581/50000 [01:23<05:27, 120.44it/s]
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Training Step:  21%|              | 10607/50000 [01:23<05:27, 120.40it/s]
Training Step:  21%|              | 10620/50000 [01:23<05:29, 119.39it/s]
Training Step:  21%|              | 10632/50000 [01:23<05:30, 119.24it/s]
Training Step:  21%|              | 10645/50000 [01:23<05:26, 120.65it/s]
Training Step:  21%|              | 10658/50000 [01:23<05:29, 119.22it/s]
Training Step:  21%|              | 10670/50000 [01:23<05:29, 119.39it/s]
Training Step:  21%|              | 10682/50000 [01:23<05:28, 119.52it/s]
Training Step:  21%|              | 10695/50000 [01:24<05:25, 120.69it/s]
Training Step:  21%|              | 10708/50000 [01:24<05:29, 119.32it/s]
Training Step:  21%|              | 10721/50000 [01:24<05:25, 120.79it/s]
Training Step:  21%|              | 10734/50000 [01:24<05:40, 115.45it/s]
Training Step:  21%|              | 10746/50000 [01:24<05:52, 111.26it/s]
Training Step:  22%|              | 10758/50000 [01:24<05:53, 111.03it/s]
Training Step:  22%|              | 10770/50000 [01:24<05:50, 112.04it/s]
Training Step:  22%|              | 10783/50000 [01:24<05:41, 114.87it/s]
Training Step:  22%|              | 10795/50000 [01:24<05:42, 114.31it/s]
Training Step:  22%|              | 10807/50000 [01:25<05:39, 115.41it/s]
Training Step:  22%|              | 10819/50000 [01:25<05:44, 113.66it/s]
Training Step:  22%|              | 10831/50000 [01:25<05:44, 113.54it/s]
```

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Training Step:  22%|          | 10843/50000 [01:25<05:44, 113.78it/s]
Training Step:  22%|          | 10855/50000 [01:25<05:55, 110.18it/s]
Training Step:  22%|          | 10867/50000 [01:25<06:01, 108.26it/s]
Training Step:  22%|          | 10878/50000 [01:25<06:01, 108.17it/s]
Training Step:  22%|          | 10890/50000 [01:25<05:56, 109.64it/s]
Training Step:  22%|          | 10902/50000 [01:25<05:52, 110.93it/s]
Training Step:  22%|          | 10914/50000 [01:26<05:48, 112.11it/s]
Training Step:  22%|          | 10926/50000 [01:26<05:42, 114.02it/s]
Training Step:  22%|          | 10938/50000 [01:26<05:47, 112.54it/s]
Training Step:  22%|          | 10950/50000 [01:26<05:52, 110.67it/s]
Training Step:  22%|          | 10963/50000 [01:26<05:40, 114.54it/s]
Training Step:  22%|          | 10975/50000 [01:26<05:36, 115.84it/s]
Training Step:  22%|          | 10987/50000 [01:26<05:35, 116.38it/s]
Training Step:  22%|          | 11000/50000 [01:26<05:33, 116.90it/s]
Training Step:  22%|          | 11012/50000 [01:26<05:34, 116.52it/s]
Training Step:  22%|          | 11024/50000 [01:27<05:36, 115.90it/s]
Training Step:  22%|          | 11036/50000 [01:27<05:36, 115.93it/s]
Training Step:  22%|          | 11048/50000 [01:27<05:34, 116.30it/s]
Training Step:  22%|          | 11060/50000 [01:27<05:55, 109.62it/s]
Training Step:  22%|          | 11072/50000 [01:27<06:00, 107.93it/s]
Training Step:  22%|          | 11084/50000 [01:27<05:55, 109.52it/s]
Training Step:  22%|          | 11096/50000 [01:27<05:51, 110.60it/s]
Training Step:  22%|          | 11108/50000 [01:27<05:52, 110.44it/s]
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Training Step:  22%|          | 11170/50000 [01:28<05:36, 115.37it/s]
Training Step:  22%|          | 11182/50000 [01:28<05:38, 114.73it/s]
Training Step:  22%|          | 11194/50000 [01:28<05:38, 114.64it/s]
Training Step:  22%|          | 11206/50000 [01:28<05:37, 115.11it/s]
Training Step:  22%|          | 11219/50000 [01:28<05:29, 117.81it/s]
Training Step:  22%|          | 11232/50000 [01:28<05:27, 118.24it/s]
Training Step:  22%|          | 11245/50000 [01:28<05:23, 119.97it/s]
Training Step:  23%|          | 11258/50000 [01:29<05:25, 118.97it/s]
Training Step:  23%|          | 11271/50000 [01:29<05:22, 120.15it/s]
Training Step:  23%|          | 11284/50000 [01:29<05:24, 119.38it/s]
Training Step:  23%|          | 11296/50000 [01:29<05:23, 119.51it/s]
Training Step:  23%|          | 11308/50000 [01:29<05:23, 119.49it/s]
Training Step:  23%|          | 11320/50000 [01:29<05:38, 114.31it/s]
Training Step:  23%|          | 11332/50000 [01:29<05:36, 114.82it/s]
Training Step:  23%|          | 11344/50000 [01:29<05:34, 115.63it/s]
Training Step:  23%|          | 11356/50000 [01:29<05:32, 116.31it/s]
Training Step:  23%|          | 11368/50000 [01:29<05:32, 116.08it/s]
Training Step:  23%|          | 11380/50000 [01:30<05:36, 114.77it/s]
Training Step:  23%|          | 11392/50000 [01:30<05:33, 115.90it/s]
Training Step:  23%|          | 11404/50000 [01:30<05:30, 116.93it/s]
Training Step:  23%|          | 11416/50000 [01:30<05:27, 117.64it/s]
```

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Training Step:  23%|              | 11428/50000 [01:30<05:31, 116.50it/s]
Training Step:  23%|              | 11440/50000 [01:30<05:47, 110.91it/s]
Training Step:  23%|              | 11452/50000 [01:30<05:49, 110.22it/s]
Training Step:  23%|              | 11464/50000 [01:30<05:52, 109.40it/s]
Training Step:  23%|              | 11476/50000 [01:30<05:46, 111.04it/s]
Training Step:  23%|              | 11488/50000 [01:31<05:44, 111.79it/s]
Training Step:  23%|              | 11500/50000 [01:31<05:45, 111.39it/s]
Training Step:  23%|              | 11512/50000 [01:31<05:42, 112.49it/s]
Training Step:  23%|              | 11524/50000 [01:31<05:38, 113.65it/s]
Training Step:  23%|              | 11536/50000 [01:31<05:45, 111.27it/s]
Training Step:  23%|              | 11548/50000 [01:31<05:42, 112.17it/s]
Training Step:  23%|              | 11560/50000 [01:31<05:36, 114.08it/s]
Training Step:  23%|              | 11572/50000 [01:31<05:37, 113.72it/s]
Training Step:  23%|              | 11584/50000 [01:31<05:33, 115.28it/s]
Training Step:  23%|              | 11597/50000 [01:32<05:26, 117.62it/s]
Training Step:  23%|              | 11610/50000 [01:32<05:26, 117.47it/s]
Training Step:  23%|              | 11623/50000 [01:32<05:21, 119.32it/s]
Training Step:  23%|              | 11635/50000 [01:32<05:21, 119.49it/s]
Training Step:  23%|              | 11647/50000 [01:32<05:34, 114.60it/s]
Training Step:  23%|              | 11659/50000 [01:32<05:36, 113.92it/s]
Training Step:  23%|              | 11671/50000 [01:32<05:41, 112.40it/s]
Training Step:  23%|              | 11683/50000 [01:32<05:41, 112.36it/s]
Training Step:  23%|              | 11695/50000 [01:32<05:40, 112.50it/s]
Training Step:  23%|              | 11707/50000 [01:32<05:38, 112.96it/s]
Training Step:  23%|              | 11719/50000 [01:33<05:34, 114.49it/s]
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Training Step:  23%|              | 11744/50000 [01:33<05:26, 117.16it/s]
Training Step:  24%|              | 11756/50000 [01:33<05:30, 115.88it/s]
Training Step:  24%|              | 11769/50000 [01:33<05:21, 118.89it/s]
Training Step:  24%|              | 11782/50000 [01:33<05:20, 119.19it/s]
Training Step:  24%|              | 11795/50000 [01:33<05:17, 120.49it/s]
Training Step:  24%|              | 11808/50000 [01:33<05:25, 117.51it/s]
Training Step:  24%|              | 11820/50000 [01:33<05:34, 114.16it/s]
Training Step:  24%|              | 11833/50000 [01:34<05:25, 117.19it/s]
Training Step:  24%|              | 11845/50000 [01:34<05:24, 117.65it/s]
Training Step:  24%|              | 11857/50000 [01:34<05:25, 117.07it/s]
Training Step:  24%|              | 11870/50000 [01:34<05:24, 117.38it/s]
Training Step:  24%|              | 11882/50000 [01:34<05:27, 116.50it/s]
Training Step:  24%|              | 11894/50000 [01:34<05:32, 114.72it/s]
Training Step:  24%|              | 11906/50000 [01:34<05:28, 115.94it/s]
Training Step:  24%|              | 11918/50000 [01:34<05:27, 116.40it/s]
Training Step:  24%|              | 11930/50000 [01:34<05:27, 116.15it/s]
Training Step:  24%|              | 11942/50000 [01:34<05:34, 113.62it/s]
Training Step:  24%|              | 11955/50000 [01:35<05:26, 116.39it/s]
Training Step:  24%|              | 11967/50000 [01:35<05:34, 113.65it/s]
Training Step:  24%|              | 11980/50000 [01:35<05:30, 115.13it/s]
Training Step:  24%|              | 11992/50000 [01:35<05:30, 114.86it/s]
Training Step:  24%|              | 12004/50000 [01:35<05:48, 109.13it/s]
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Training Step:   24%|         | 12016/50000 [01:35<05:43, 110.68it/s]
Training Step:   24%|         | 12028/50000 [01:35<05:35, 113.25it/s]
Training Step:   24%|         | 12040/50000 [01:35<05:31, 114.64it/s]
Training Step:   24%|         | 12052/50000 [01:35<05:31, 114.33it/s]
Training Step:   24%|         | 12065/50000 [01:36<05:23, 117.32it/s]
Training Step:   24%|         | 12077/50000 [01:36<05:24, 116.98it/s]
Training Step:   24%|         | 12090/50000 [01:36<05:24, 116.71it/s]
Training Step:   24%|         | 12103/50000 [01:36<05:17, 119.18it/s]
Training Step:   24%|         | 12115/50000 [01:36<05:18, 119.05it/s]
Training Step:   24%|         | 12128/50000 [01:36<05:16, 119.51it/s]
Training Step:   24%|         | 12140/50000 [01:36<05:34, 113.25it/s]
Training Step:   24%|         | 12152/50000 [01:36<05:37, 112.14it/s]
Training Step:   24%|         | 12164/50000 [01:36<05:44, 109.73it/s]
Training Step:   24%|         | 12176/50000 [01:37<05:54, 106.56it/s]
Training Step:   24%|         | 12188/50000 [01:37<05:54, 106.58it/s]
Training Step:   24%|         | 12199/50000 [01:37<05:54, 106.61it/s]
Training Step:   24%|         | 12210/50000 [01:37<06:01, 104.40it/s]
Training Step:   24%|         | 12221/50000 [01:37<06:01, 104.46it/s]
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Training Step:   24%|         | 12243/50000 [01:37<06:00, 104.62it/s]
Training Step:   25%|         | 12255/50000 [01:37<05:48, 108.37it/s]
Training Step:   25%|         | 12267/50000 [01:37<05:40, 110.82it/s]
Training Step:   25%|         | 12280/50000 [01:38<05:33, 113.14it/s]
Training Step:   25%|         | 12293/50000 [01:38<05:21, 117.27it/s]
Training Step:   25%|         | 12305/50000 [01:38<05:20, 117.71it/s]
Training Step:   25%|         | 12317/50000 [01:38<05:45, 109.22it/s]
Training Step:   25%|         | 12329/50000 [01:38<05:51, 107.04it/s]
Training Step:   25%|         | 12341/50000 [01:38<05:46, 108.81it/s]
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Training Step:   25%|         | 12365/50000 [01:38<05:37, 111.46it/s]
Training Step:   25%|         | 12377/50000 [01:38<05:37, 111.63it/s]
Training Step:   25%|         | 12389/50000 [01:38<05:38, 111.21it/s]
Training Step:   25%|         | 12401/50000 [01:39<05:40, 110.56it/s]
Training Step:   25%|         | 12413/50000 [01:39<05:45, 108.94it/s]
Training Step:   25%|         | 12425/50000 [01:39<05:37, 111.42it/s]
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Training Step:   25%|         | 12449/50000 [01:39<05:34, 112.43it/s]
Training Step:   25%|         | 12461/50000 [01:39<05:27, 114.56it/s]
Training Step:   25%|         | 12473/50000 [01:39<05:23, 116.04it/s]
Training Step:   25%|         | 12485/50000 [01:39<05:31, 113.31it/s]
Training Step:   25%|         | 12497/50000 [01:39<05:29, 113.67it/s]
Training Step:   25%|         | 12509/50000 [01:40<05:25, 115.14it/s]
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Training Step:   25%|         | 12534/50000 [01:40<05:21, 116.66it/s]
Training Step:   25%|         | 12547/50000 [01:40<05:15, 118.79it/s]
Training Step:   25%|         | 12559/50000 [01:40<05:24, 115.24it/s]
Training Step:   25%|         | 12571/50000 [01:40<05:25, 115.01it/s]
Training Step:   25%|         | 12583/50000 [01:40<05:22, 116.12it/s]
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Training Step:   25%|          | 12595/50000 [01:40<05:19, 117.19it/s]
Training Step:   25%|          | 12608/50000 [01:40<05:19, 117.03it/s]
Training Step:   25%|          | 12620/50000 [01:40<05:18, 117.22it/s]
Training Step:   25%|          | 12633/50000 [01:41<05:12, 119.53it/s]
Training Step:   25%|          | 12646/50000 [01:41<05:14, 118.82it/s]
Training Step:   25%|          | 12658/50000 [01:41<05:21, 116.23it/s]
Training Step:   25%|          | 12670/50000 [01:41<05:22, 115.93it/s]
Training Step:   25%|          | 12682/50000 [01:41<05:23, 115.48it/s]
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Training Step:   25%|          | 12706/50000 [01:41<05:22, 115.82it/s]
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Training Step:   25%|          | 12730/50000 [01:41<05:26, 114.29it/s]
Training Step:   25%|          | 12742/50000 [01:42<05:43, 108.41it/s]
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Training Step:   26%|          | 12802/50000 [01:42<05:25, 114.43it/s]
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Training Step:   26%|          | 12827/50000 [01:42<05:21, 115.66it/s]
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Training Step:   26%|          | 12863/50000 [01:43<05:27, 113.26it/s]
Training Step:   26%|          | 12875/50000 [01:43<05:23, 114.62it/s]
Training Step:   26%|          | 12887/50000 [01:43<05:35, 110.50it/s]
Training Step:   26%|          | 12899/50000 [01:43<05:36, 110.28it/s]
Training Step:   26%|          | 12911/50000 [01:43<05:32, 111.52it/s]
Training Step:   26%|          | 12923/50000 [01:43<05:27, 113.33it/s]
Training Step:   26%|          | 12935/50000 [01:43<05:32, 111.33it/s]
Training Step:   26%|          | 12947/50000 [01:43<05:28, 112.78it/s]
Training Step:   26%|          | 12959/50000 [01:44<05:34, 110.67it/s]
Training Step:   26%|          | 12971/50000 [01:44<05:47, 106.42it/s]
Training Step:   26%|          | 12982/50000 [01:44<05:56, 103.81it/s]
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Training Step:   26%|          | 13039/50000 [01:44<05:42, 107.76it/s]
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Training Step:   26%|          | 13062/50000 [01:44<05:44, 107.11it/s]
Training Step:   26%|          | 13074/50000 [01:45<05:41, 107.98it/s]
Training Step:   26%|          | 13086/50000 [01:45<05:37, 109.25it/s]
Training Step:   26%|          | 13097/50000 [01:45<05:38, 109.09it/s]
Training Step:   26%|          | 13110/50000 [01:45<05:28, 112.27it/s]
Training Step:   26%|          | 13122/50000 [01:45<05:29, 111.92it/s]
Training Step:   26%|          | 13134/50000 [01:45<05:26, 112.96it/s]
Training Step:   26%|          | 13146/50000 [01:45<05:30, 111.38it/s]
Training Step:   26%|          | 13158/50000 [01:45<05:25, 113.25it/s]
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Training Step:   26%|         | 13195/50000 [01:46<05:13, 117.44it/s]
Training Step:   26%|         | 13207/50000 [01:46<05:17, 115.81it/s]
Training Step:   26%|         | 13219/50000 [01:46<05:18, 115.44it/s]
Training Step:   26%|         | 13231/50000 [01:46<05:21, 114.49it/s]
Training Step:   26%|         | 13243/50000 [01:46<05:22, 113.99it/s]
Training Step:   27%|         | 13255/50000 [01:46<05:21, 114.41it/s]
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Training Step:   27%|         | 13279/50000 [01:46<05:27, 112.29it/s]
Training Step:   27%|         | 13292/50000 [01:47<05:22, 113.83it/s]
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Training Step:   27%|         | 13341/50000 [01:47<05:10, 118.18it/s]
Training Step:   27%|         | 13353/50000 [01:47<05:10, 117.92it/s]
Training Step:   27%|         | 13365/50000 [01:47<05:14, 116.42it/s]
Training Step:   27%|         | 13377/50000 [01:47<05:12, 117.18it/s]
Training Step:   27%|         | 13389/50000 [01:47<05:14, 116.35it/s]
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Training Step:   27%|         | 13414/50000 [01:48<05:11, 117.35it/s]
Training Step:   27%|         | 13426/50000 [01:48<05:09, 118.08it/s]
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Training Step:   27%|         | 13524/50000 [01:48<05:22, 113.08it/s]
Training Step:   27%|         | 13536/50000 [01:49<05:24, 112.22it/s]
Training Step:   27%|         | 13548/50000 [01:49<05:19, 114.10it/s]
Training Step:   27%|         | 13560/50000 [01:49<05:28, 111.10it/s]
Training Step:   27%|         | 13572/50000 [01:49<05:24, 112.35it/s]
Training Step:   27%|         | 13584/50000 [01:49<05:27, 111.18it/s]
Training Step:   27%|         | 13596/50000 [01:49<05:20, 113.68it/s]
Training Step:   27%|         | 13608/50000 [01:49<05:19, 114.03it/s]
Training Step:   27%|         | 13621/50000 [01:49<05:10, 117.27it/s]
Training Step:   27%|         | 13633/50000 [01:49<05:08, 118.04it/s]
Training Step:   27%|         | 13646/50000 [01:50<05:08, 117.92it/s]
Training Step:   27%|         | 13658/50000 [01:50<05:07, 118.20it/s]
Training Step:   27%|         | 13671/50000 [01:50<05:01, 120.34it/s]
Training Step:   27%|         | 13684/50000 [01:50<05:07, 118.04it/s]
Training Step:   27%|         | 13697/50000 [01:50<05:04, 119.34it/s]
Training Step:   27%|         | 13709/50000 [01:50<05:09, 117.25it/s]
Training Step:   27%|         | 13721/50000 [01:50<05:16, 114.76it/s]
Training Step:   27%|         | 13733/50000 [01:50<05:19, 113.35it/s]
Training Step:   27%|         | 13745/50000 [01:50<05:31, 109.46it/s]
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Training Step:  28%|          | 13756/50000 [01:51<05:41, 106.04it/s]
Training Step:  28%|          | 13768/50000 [01:51<05:32, 108.88it/s]
Training Step:  28%|          | 13780/50000 [01:51<05:23, 111.79it/s]
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Training Step:  28%|          | 13804/50000 [01:51<05:24, 111.43it/s]
Training Step:  28%|          | 13816/50000 [01:51<05:24, 111.34it/s]
Training Step:  28%|          | 13828/50000 [01:51<05:19, 113.16it/s]
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Training Step:  28%|          | 13852/50000 [01:51<05:24, 111.40it/s]
Training Step:  28%|          | 13864/50000 [01:51<05:21, 112.30it/s]
Training Step:  28%|          | 13877/50000 [01:52<05:12, 115.59it/s]
Training Step:  28%|          | 13889/50000 [01:52<05:09, 116.59it/s]
Training Step:  28%|          | 13901/50000 [01:52<05:07, 117.53it/s]
Training Step:  28%|          | 13913/50000 [01:52<05:08, 117.11it/s]
Training Step:  28%|          | 13925/50000 [01:52<05:06, 117.78it/s]
Training Step:  28%|          | 13937/50000 [01:52<05:11, 115.65it/s]
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Training Step:  28%|          | 14121/50000 [01:54<04:57, 120.53it/s]
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Training Step:  28%|          | 14146/50000 [01:54<05:13, 114.26it/s]
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Training Step:  29%|          | 14271/50000 [01:55<04:57, 119.95it/s]
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Training Step:  29%|          | 14308/50000 [01:55<05:11, 114.44it/s]
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Training Step:  29%|          | 14332/50000 [01:56<05:11, 114.54it/s]
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Training Step:  29%|          | 14356/50000 [01:56<05:20, 111.35it/s]
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Training Step:  29%|          | 14608/50000 [01:58<04:53, 120.45it/s]
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Training Step:  30%|          | 14917/50000 [02:01<05:00, 116.56it/s]
Training Step:  30%|          | 14930/50000 [02:01<04:58, 117.45it/s]
```

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Training Step:  30%|              | 14955/50000 [02:01<04:53, 119.57it/s]
Training Step:  30%|              | 14968/50000 [02:01<04:52, 119.96it/s]
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Training Step:  30%|              | 15189/50000 [02:03<04:52, 119.14it/s]
Training Step:  30%|              | 15201/50000 [02:03<04:54, 118.06it/s]
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Training Step:  30%|              | 15226/50000 [02:03<04:53, 118.66it/s]
Training Step:  30%|              | 15239/50000 [02:03<04:48, 120.53it/s]
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Training Step:  31%|              | 15438/50000 [02:05<04:54, 117.52it/s]
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Training Step:  31%|              | 15522/50000 [02:06<04:56, 116.11it/s]
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Training Step:  32%|          | 15823/50000 [02:08<04:52, 116.65it/s]
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Training Step:  32%|          | 16091/50000 [02:11<04:44, 119.06it/s]
Training Step:  32%|          | 16103/50000 [02:11<04:58, 113.65it/s]
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Training Step:  33%|              | 16662/50000 [02:16<04:59, 111.37it/s]
Training Step:  33%|              | 16674/50000 [02:16<04:56, 112.53it/s]
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Training Step:  33%|          | 16747/50000 [02:17<04:48, 115.44it/s]
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Training Step:  35%|          | 17262/50000 [02:21<04:33, 119.59it/s]
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Training Step:  40%|          | 19888/50000 [02:44<04:41, 106.80it/s]
Training Step:  40%|          | 19900/50000 [02:44<04:33, 110.06it/s]
Training Step:  40%|          | 19912/50000 [02:44<04:34, 109.49it/s]
Training Step:  40%|          | 19924/50000 [02:44<04:28, 112.04it/s]
Training Step:  40%|          | 19936/50000 [02:44<04:23, 113.93it/s]
Training Step:  40%|          | 19948/50000 [02:44<04:26, 112.59it/s]
Training Step:  40%|          | 19960/50000 [02:44<04:25, 112.97it/s]
Training Step:  40%|          | 19972/50000 [02:45<04:26, 112.77it/s]
Training Step:  40%|          | 19984/50000 [02:45<04:24, 113.50it/s]
Training Step:  40%|          | 19996/50000 [02:45<04:22, 114.10it/s]
Training Step:  40%|          | 20008/50000 [02:45<04:32, 110.07it/s]
Training Step:  40%|          | 20020/50000 [02:45<04:26, 112.55it/s]
Training Step:  40%|          | 20032/50000 [02:45<04:36, 108.21it/s]
Training Step:  40%|          | 20044/50000 [02:45<04:29, 111.28it/s]
Training Step:  40%|          | 20057/50000 [02:45<04:19, 115.18it/s]
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Training Step:  40%|          | 20118/50000 [02:46<04:20, 114.68it/s]
Training Step:  40%|          | 20130/50000 [02:46<04:30, 110.24it/s]
Training Step:  40%|          | 20142/50000 [02:46<04:38, 107.03it/s]
Training Step:  40%|          | 20153/50000 [02:46<04:39, 106.76it/s]
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Training Step:  40%|          | 20175/50000 [02:46<04:41, 105.78it/s]
Training Step:  40%|          | 20186/50000 [02:47<04:43, 105.11it/s]
Training Step:  40%|          | 20197/50000 [02:47<04:42, 105.64it/s]
```

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Training Step:  40%|          | 20208/50000 [02:47<04:48, 103.37it/s]
Training Step:  40%|          | 20220/50000 [02:47<04:45, 104.39it/s]
Training Step:  40%|          | 20232/50000 [02:47<04:40, 106.17it/s]
Training Step:  40%|          | 20244/50000 [02:47<04:35, 107.99it/s]
Training Step:  41%|          | 20256/50000 [02:47<04:30, 110.10it/s]
Training Step:  41%|          | 20268/50000 [02:47<04:27, 111.11it/s]
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Training Step:  41%|          | 20292/50000 [02:47<04:20, 113.83it/s]
Training Step:  41%|          | 20304/50000 [02:48<04:19, 114.62it/s]
Training Step:  41%|          | 20316/50000 [02:48<04:17, 115.44it/s]
Training Step:  41%|          | 20328/50000 [02:48<04:22, 112.84it/s]
Training Step:  41%|          | 20340/50000 [02:48<04:23, 112.72it/s]
Training Step:  41%|          | 20352/50000 [02:48<04:26, 111.16it/s]
Training Step:  41%|          | 20364/50000 [02:48<04:21, 113.13it/s]
Training Step:  41%|          | 20376/50000 [02:48<04:21, 113.12it/s]
Training Step:  41%|          | 20388/50000 [02:48<04:22, 112.76it/s]
Training Step:  41%|          | 20400/50000 [02:48<04:19, 114.22it/s]
Training Step:  41%|          | 20412/50000 [02:49<04:17, 115.10it/s]
Training Step:  41%|          | 20425/50000 [02:49<04:10, 117.97it/s]
Training Step:  41%|          | 20438/50000 [02:49<04:12, 117.28it/s]
Training Step:  41%|          | 20450/50000 [02:49<04:18, 114.20it/s]
Training Step:  41%|          | 20462/50000 [02:49<04:15, 115.45it/s]
Training Step:  41%|          | 20474/50000 [02:49<04:31, 108.56it/s]
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Training Step:  41%|          | 20530/50000 [02:50<04:30, 108.77it/s]
Training Step:  41%|          | 20542/50000 [02:50<04:31, 108.54it/s]
Training Step:  41%|          | 20554/50000 [02:50<04:23, 111.64it/s]
Training Step:  41%|          | 20566/50000 [02:50<04:18, 113.98it/s]
Training Step:  41%|          | 20578/50000 [02:50<04:18, 113.78it/s]
Training Step:  41%|          | 20590/50000 [02:50<04:19, 113.30it/s]
Training Step:  41%|          | 20602/50000 [02:50<04:18, 113.86it/s]
Training Step:  41%|          | 20614/50000 [02:50<04:18, 113.76it/s]
Training Step:  41%|          | 20626/50000 [02:50<04:14, 115.47it/s]
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Training Step:  41%|          | 20687/50000 [02:51<04:17, 113.94it/s]
Training Step:  41%|          | 20699/50000 [02:51<04:16, 114.21it/s]
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Training Step:  41%|          | 20735/50000 [02:51<04:18, 113.12it/s]
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Training Step:  42%|          | 20773/50000 [02:52<04:07, 118.21it/s]
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Training Step:   42%|          | 20797/50000 [02:52<04:07, 117.96it/s]
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Training Step:   42%|          | 20857/50000 [02:52<04:19, 112.40it/s]
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Training Step:   42%|          | 20893/50000 [02:53<04:10, 116.10it/s]
Training Step:   42%|          | 20906/50000 [02:53<04:10, 116.19it/s]
Training Step:   42%|          | 20918/50000 [02:53<04:10, 116.24it/s]
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Training Step:   42%|          | 20956/50000 [02:53<04:04, 118.96it/s]
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Training Step:   42%|          | 20994/50000 [02:54<04:03, 119.22it/s]
Training Step:   42%|          | 21006/50000 [02:54<04:02, 119.35it/s]
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Training Step:   42%|          | 21042/50000 [02:54<04:02, 119.56it/s]
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Training Step:   42%|          | 21126/50000 [02:55<04:10, 115.45it/s]
Training Step:   42%|          | 21139/50000 [02:55<04:04, 117.94it/s]
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Training Step:   42%|          | 21164/50000 [02:55<04:03, 118.22it/s]
Training Step:   42%|          | 21177/50000 [02:55<03:59, 120.20it/s]
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Training Step:  43%|            | 21399/50000 [02:57<04:09, 114.50it/s]
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Training Step:  43%|            | 21435/50000 [02:57<04:04, 116.68it/s]
Training Step:  43%|            | 21447/50000 [02:58<04:04, 116.59it/s]
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Training Step:  43%|            | 21618/50000 [02:59<04:01, 117.68it/s]
Training Step:  43%|            | 21631/50000 [02:59<03:56, 119.87it/s]
Training Step:  43%|            | 21643/50000 [02:59<03:58, 118.91it/s]
Training Step:  43%|            | 21655/50000 [02:59<04:03, 116.44it/s]
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Training Step:  44%|            | 21879/50000 [03:01<03:53, 120.57it/s]
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Training Step:  44%|            | 21956/50000 [03:02<03:53, 119.88it/s]
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Training Step:  44%|         | 22114/50000 [03:03<04:14, 109.51it/s]
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Training Step:  44%|         | 22218/50000 [03:04<04:06, 112.63it/s]
Training Step:  44%|         | 22231/50000 [03:04<03:59, 115.72it/s]
Training Step:  44%|         | 22243/50000 [03:04<03:57, 116.89it/s]
Training Step:  45%|         | 22256/50000 [03:04<03:57, 116.93it/s]
Training Step:  45%|         | 22269/50000 [03:05<03:53, 119.01it/s]
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Training Step:  45%|         | 22321/50000 [03:05<03:49, 120.63it/s]
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Training Step:  45%|         | 22467/50000 [03:06<04:05, 111.99it/s]
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Training Step:  45%|         | 22516/50000 [03:07<03:54, 117.24it/s]
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Training Step:  45%|         | 22542/50000 [03:07<03:51, 118.40it/s]
```

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Training Step:   45%|            | 22679/50000 [03:08<03:51, 117.82it/s]
Training Step:   45%|            | 22691/50000 [03:08<03:52, 117.25it/s]
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Training Step:   46%|            | 22816/50000 [03:09<03:47, 119.46it/s]
Training Step:   46%|            | 22829/50000 [03:09<03:44, 120.84it/s]
Training Step:   46%|            | 22842/50000 [03:09<03:47, 119.63it/s]
Training Step:   46%|            | 22854/50000 [03:10<03:47, 119.39it/s]
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Training Step:   46%|            | 22941/50000 [03:10<03:44, 120.63it/s]
Training Step:   46%|            | 22954/50000 [03:10<03:46, 119.22it/s]
Training Step:   46%|            | 22967/50000 [03:11<03:44, 120.56it/s]
Training Step:   46%|            | 22980/50000 [03:11<03:47, 119.02it/s]
Training Step:   46%|            | 22992/50000 [03:11<03:48, 118.46it/s]
Training Step:   46%|            | 23004/50000 [03:11<03:55, 114.59it/s]
Training Step:   46%|            | 23016/50000 [03:11<03:53, 115.51it/s]
Training Step:   46%|            | 23028/50000 [03:11<03:56, 114.10it/s]
Training Step:   46%|            | 23040/50000 [03:11<03:56, 113.80it/s]
Training Step:   46%|            | 23053/50000 [03:11<03:50, 116.78it/s]
Training Step:   46%|            | 23065/50000 [03:11<03:49, 117.32it/s]
Training Step:   46%|            | 23077/50000 [03:11<03:48, 118.00it/s]
Training Step:   46%|            | 23090/50000 [03:12<03:48, 117.86it/s]
Training Step:   46%|            | 23103/50000 [03:12<03:45, 119.37it/s]
Training Step:   46%|            | 23115/50000 [03:12<03:44, 119.55it/s]
Training Step:   46%|            | 23127/50000 [03:12<03:45, 119.38it/s]
Training Step:   46%|            | 23139/50000 [03:12<03:45, 119.11it/s]
```

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Training Step:  46%|          | 23151/50000 [03:12<03:45, 118.93it/s]
Training Step:  46%|          | 23164/50000 [03:12<03:46, 118.39it/s]
Training Step:  46%|          | 23177/50000 [03:12<03:41, 120.85it/s]
Training Step:  46%|          | 23190/50000 [03:12<03:44, 119.28it/s]
Training Step:  46%|          | 23202/50000 [03:13<03:46, 118.51it/s]
Training Step:  46%|          | 23215/50000 [03:13<03:41, 121.02it/s]
Training Step:  46%|          | 23228/50000 [03:13<03:43, 119.95it/s]
Training Step:  46%|          | 23241/50000 [03:13<03:41, 121.04it/s]
Training Step:  47%|          | 23254/50000 [03:13<03:44, 119.16it/s]
Training Step:  47%|          | 23267/50000 [03:13<03:40, 120.97it/s]
Training Step:  47%|          | 23280/50000 [03:13<03:43, 119.40it/s]
Training Step:  47%|          | 23293/50000 [03:13<03:41, 120.71it/s]
Training Step:  47%|          | 23306/50000 [03:13<03:43, 119.36it/s]
Training Step:  47%|          | 23318/50000 [03:13<03:44, 119.10it/s]
Training Step:  47%|          | 23330/50000 [03:14<03:44, 119.02it/s]
Training Step:  47%|          | 23342/50000 [03:14<03:50, 115.57it/s]
Training Step:  47%|          | 23354/50000 [03:14<03:50, 115.44it/s]
Training Step:  47%|          | 23366/50000 [03:14<03:48, 116.58it/s]
Training Step:  47%|          | 23378/50000 [03:14<03:47, 117.15it/s]
Training Step:  47%|          | 23390/50000 [03:14<03:50, 115.33it/s]
Training Step:  47%|          | 23402/50000 [03:14<03:51, 114.81it/s]
Training Step:  47%|          | 23414/50000 [03:14<03:56, 112.19it/s]
Training Step:  47%|          | 23426/50000 [03:14<04:01, 110.07it/s]
Training Step:  47%|          | 23438/50000 [03:15<04:02, 109.47it/s]
Training Step:  47%|          | 23450/50000 [03:15<04:01, 110.03it/s]
Training Step:  47%|          | 23462/50000 [03:15<04:00, 110.26it/s]
Training Step:  47%|          | 23475/50000 [03:15<03:52, 113.95it/s]
Training Step:  47%|          | 23487/50000 [03:15<03:59, 110.89it/s]
Training Step:  47%|          | 23499/50000 [03:15<03:56, 112.29it/s]
Training Step:  47%|          | 23511/50000 [03:15<03:51, 114.44it/s]
Training Step:  47%|          | 23523/50000 [03:15<04:05, 107.97it/s]
Training Step:  47%|          | 23534/50000 [03:15<04:09, 106.22it/s]
Training Step:  47%|          | 23546/50000 [03:16<04:00, 109.94it/s]
Training Step:  47%|          | 23558/50000 [03:16<03:59, 110.60it/s]
Training Step:  47%|          | 23570/50000 [03:16<03:58, 110.78it/s]
Training Step:  47%|          | 23582/50000 [03:16<03:58, 110.86it/s]
Training Step:  47%|          | 23594/50000 [03:16<03:56, 111.63it/s]
Training Step:  47%|          | 23606/50000 [03:16<03:53, 113.09it/s]
Training Step:  47%|          | 23618/50000 [03:16<03:55, 112.12it/s]
Training Step:  47%|          | 23630/50000 [03:16<03:57, 111.15it/s]
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Training Step:  47%|          | 23654/50000 [03:16<04:01, 109.12it/s]
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Training Step:  47%|          | 23690/50000 [03:17<03:54, 112.28it/s]
Training Step:  47%|          | 23702/50000 [03:17<03:58, 110.05it/s]
Training Step:  47%|          | 23714/50000 [03:17<04:00, 109.44it/s]
Training Step:  47%|          | 23726/50000 [03:17<03:57, 110.41it/s]
```

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Training Step:  47%|          | 23738/50000 [03:17<03:54, 111.77it/s]
Training Step:  48%|          | 23750/50000 [03:17<03:51, 113.43it/s]
Training Step:  48%|          | 23762/50000 [03:17<03:57, 110.65it/s]
Training Step:  48%|          | 23774/50000 [03:18<03:58, 110.02it/s]
Training Step:  48%|          | 23786/50000 [03:18<03:52, 112.54it/s]
Training Step:  48%|          | 23798/50000 [03:18<03:48, 114.59it/s]
Training Step:  48%|          | 23810/50000 [03:18<03:47, 115.29it/s]
Training Step:  48%|          | 23823/50000 [03:18<03:42, 117.88it/s]
Training Step:  48%|          | 23836/50000 [03:18<03:41, 117.98it/s]
Training Step:  48%|          | 23848/50000 [03:18<03:41, 118.23it/s]
Training Step:  48%|          | 23860/50000 [03:18<03:45, 116.00it/s]
Training Step:  48%|          | 23873/50000 [03:18<03:42, 117.40it/s]
Training Step:  48%|          | 23885/50000 [03:19<03:44, 116.35it/s]
Training Step:  48%|          | 23897/50000 [03:19<03:42, 117.12it/s]
Training Step:  48%|          | 23909/50000 [03:19<03:42, 117.29it/s]
Training Step:  48%|          | 23921/50000 [03:19<03:47, 114.77it/s]
Training Step:  48%|          | 23933/50000 [03:19<03:46, 114.86it/s]
Training Step:  48%|          | 23945/50000 [03:19<03:44, 116.13it/s]
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Training Step:  48%|          | 23970/50000 [03:19<03:41, 117.32it/s]
Training Step:  48%|          | 23983/50000 [03:19<03:37, 119.39it/s]
Training Step:  48%|          | 23996/50000 [03:19<03:39, 118.42it/s]
Training Step:  48%|          | 24008/50000 [03:20<03:45, 115.26it/s]
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Training Step:  48%|          | 24129/50000 [03:21<03:41, 117.00it/s]
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Training Step:  48%|          | 24188/50000 [03:21<03:58, 108.16it/s]
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Training Step:  49%|          | 24285/50000 [03:22<03:43, 115.13it/s]
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Training Step:  49%|          | 24310/50000 [03:22<03:39, 117.24it/s]
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Training Step:  49%|         | 24334/50000 [03:22<03:38, 117.61it/s]
Training Step:  49%|         | 24347/50000 [03:23<03:33, 119.94it/s]
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Training Step:  49%|         | 24408/50000 [03:23<03:43, 114.53it/s]
Training Step:  49%|         | 24420/50000 [03:23<03:46, 113.07it/s]
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Training Step:  49%|         | 24495/50000 [03:24<03:33, 119.29it/s]
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Training Step:  49%|         | 24699/50000 [03:26<03:49, 110.47it/s]
Training Step:  49%|         | 24711/50000 [03:26<03:47, 110.92it/s]
Training Step:  49%|         | 24723/50000 [03:26<03:45, 111.90it/s]
Training Step:  49%|         | 24735/50000 [03:26<03:48, 110.48it/s]
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Training Step:  50%|         | 24771/50000 [03:26<03:48, 110.58it/s]
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Training Step:  50%|         | 24818/50000 [03:27<03:52, 108.36it/s]
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Training Step:  50%|         | 24887/50000 [03:27<03:46, 111.03it/s]
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Training Step:   50%|         | 25008/50000 [03:28<03:35, 116.18it/s]
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Training Step:   50%|         | 25058/50000 [03:29<03:29, 118.92it/s]
Training Step:   50%|         | 25070/50000 [03:29<03:29, 118.81it/s]
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Training Step:   50%|         | 25182/50000 [03:30<03:34, 115.65it/s]
Training Step:   50%|         | 25194/50000 [03:30<03:34, 115.45it/s]
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Training Step:   50%|         | 25218/50000 [03:30<03:37, 113.84it/s]
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Training Step:   51%|         | 25453/50000 [03:32<03:28, 117.61it/s]
Training Step:   51%|         | 25465/50000 [03:32<03:27, 118.17it/s]
Training Step:   51%|         | 25478/50000 [03:32<03:27, 118.28it/s]
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Training Step:  51%|          | 25566/50000 [03:33<03:24, 119.31it/s]
Training Step:  51%|          | 25579/50000 [03:33<03:22, 120.60it/s]
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Training Step:  52%|          | 25752/50000 [03:35<03:26, 117.53it/s]
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Training Step:  52%|          | 25776/50000 [03:35<03:31, 114.44it/s]
Training Step:  52%|          | 25788/50000 [03:35<03:36, 111.82it/s]
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Training Step:  52%|          | 25849/50000 [03:36<03:27, 116.51it/s]
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Training Step:  52%|          | 25874/50000 [03:36<03:26, 116.95it/s]
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Training Step:  52%|          | 25996/50000 [03:37<03:28, 115.12it/s]
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Training Step:  52%|          | 26020/50000 [03:37<03:31, 113.64it/s]
Training Step:  52%|          | 26033/50000 [03:37<03:24, 117.10it/s]
Training Step:  52%|          | 26045/50000 [03:37<03:23, 117.78it/s]
Training Step:  52%|          | 26057/50000 [03:37<03:22, 118.43it/s]
Training Step:  52%|          | 26069/50000 [03:37<03:21, 118.73it/s]
```

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Training Step:  52%|          | 26081/50000 [03:38<03:21, 118.85it/s]
Training Step:  52%|          | 26093/50000 [03:38<03:27, 115.41it/s]
Training Step:  52%|          | 26105/50000 [03:38<03:28, 114.71it/s]
Training Step:  52%|          | 26117/50000 [03:38<03:27, 115.26it/s]
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Training Step:  52%|          | 26141/50000 [03:38<03:38, 109.34it/s]
Training Step:  52%|          | 26153/50000 [03:38<03:35, 110.61it/s]
Training Step:  52%|          | 26165/50000 [03:38<03:37, 109.40it/s]
Training Step:  52%|          | 26177/50000 [03:38<03:32, 111.90it/s]
Training Step:  52%|          | 26189/50000 [03:39<03:29, 113.58it/s]
Training Step:  52%|          | 26201/50000 [03:39<03:30, 113.20it/s]
Training Step:  52%|          | 26213/50000 [03:39<03:30, 112.97it/s]
Training Step:  52%|          | 26225/50000 [03:39<03:26, 114.95it/s]
Training Step:  52%|          | 26237/50000 [03:39<03:25, 115.81it/s]
Training Step:  52%|          | 26249/50000 [03:39<03:23, 116.58it/s]
Training Step:  53%|          | 26262/50000 [03:39<03:23, 116.90it/s]
Training Step:  53%|          | 26275/50000 [03:39<03:19, 118.97it/s]
Training Step:  53%|          | 26288/50000 [03:39<03:19, 118.69it/s]
Training Step:  53%|          | 26301/50000 [03:39<03:16, 120.55it/s]
Training Step:  53%|          | 26314/50000 [03:40<03:19, 118.46it/s]
Training Step:  53%|          | 26326/50000 [03:40<03:20, 118.13it/s]
Training Step:  53%|          | 26338/50000 [03:40<03:19, 118.48it/s]
Training Step:  53%|          | 26350/50000 [03:40<03:26, 114.69it/s]
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Training Step:  53%|          | 26414/50000 [03:40<03:18, 118.91it/s]
Training Step:  53%|          | 26427/50000 [03:41<03:16, 120.24it/s]
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Training Step:  53%|          | 26452/50000 [03:41<03:31, 111.26it/s]
Training Step:  53%|          | 26464/50000 [03:41<03:34, 109.78it/s]
Training Step:  53%|          | 26476/50000 [03:41<03:35, 109.24it/s]
Training Step:  53%|          | 26488/50000 [03:41<03:33, 110.17it/s]
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Training Step:  53%|          | 26512/50000 [03:41<03:28, 112.59it/s]
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Training Step:  53%|          | 26536/50000 [03:42<03:29, 112.01it/s]
Training Step:  53%|          | 26548/50000 [03:42<03:27, 113.25it/s]
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Training Step:  53%|          | 26584/50000 [03:42<03:32, 110.15it/s]
Training Step:  53%|          | 26597/50000 [03:42<03:24, 114.16it/s]
Training Step:  53%|          | 26609/50000 [03:42<03:35, 108.77it/s]
Training Step:  53%|          | 26621/50000 [03:42<03:32, 109.85it/s]
Training Step:  53%|          | 26633/50000 [03:42<03:30, 111.25it/s]
Training Step:  53%|          | 26645/50000 [03:43<03:32, 110.04it/s]
Training Step:  53%|          | 26657/50000 [03:43<03:29, 111.38it/s]
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Training Step:  53%|          | 26681/50000 [03:43<03:29, 111.26it/s]
Training Step:  53%|          | 26693/50000 [03:43<03:25, 113.14it/s]
Training Step:  53%|          | 26705/50000 [03:43<03:24, 113.69it/s]
Training Step:  53%|          | 26717/50000 [03:43<03:29, 110.99it/s]
Training Step:  53%|          | 26729/50000 [03:43<03:29, 110.89it/s]
Training Step:  53%|          | 26741/50000 [03:43<03:27, 111.90it/s]
Training Step:  54%|          | 26754/50000 [03:43<03:25, 113.16it/s]
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Training Step:  54%|          | 26778/50000 [03:44<03:27, 112.12it/s]
Training Step:  54%|          | 26790/50000 [03:44<03:26, 112.56it/s]
Training Step:  54%|          | 26802/50000 [03:44<03:24, 113.40it/s]
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Training Step:  54%|          | 26826/50000 [03:44<03:22, 114.68it/s]
Training Step:  54%|          | 26838/50000 [03:44<03:28, 111.27it/s]
Training Step:  54%|          | 26850/50000 [03:44<03:25, 112.65it/s]
Training Step:  54%|          | 26863/50000 [03:44<03:19, 115.99it/s]
Training Step:  54%|          | 26875/50000 [03:45<03:18, 116.68it/s]
Training Step:  54%|          | 26887/50000 [03:45<03:21, 114.79it/s]
Training Step:  54%|          | 26899/50000 [03:45<03:20, 115.30it/s]
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Training Step:  54%|          | 26923/50000 [03:45<03:17, 116.87it/s]
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Training Step:  54%|          | 27168/50000 [03:47<03:23, 112.27it/s]
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Training Step:  54%|          | 27217/50000 [03:48<03:20, 113.72it/s]
Training Step:  54%|          | 27229/50000 [03:48<03:18, 114.77it/s]
Training Step:  54%|          | 27241/50000 [03:48<03:16, 115.80it/s]
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54

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Training Step:  55%|          | 27267/50000 [03:48<03:12, 118.35it/s]
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Training Step:  55%|          | 27304/50000 [03:48<03:15, 116.02it/s]
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Training Step:  55%|          | 27342/50000 [03:49<03:29, 108.40it/s]
Training Step:  55%|          | 27354/50000 [03:49<03:25, 110.38it/s]
Training Step:  55%|          | 27366/50000 [03:49<03:25, 110.20it/s]
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Training Step:  55%|          | 27508/50000 [03:50<03:23, 110.72it/s]
Training Step:  55%|          | 27520/50000 [03:50<03:24, 110.08it/s]
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Training Step:  55%|          | 27666/50000 [03:51<03:10, 116.97it/s]
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Training Step:  55%|          | 27691/50000 [03:52<03:07, 119.10it/s]
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Training Step:  55%|          | 27716/50000 [03:52<03:08, 118.05it/s]
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Training Step:  55%|          | 27740/50000 [03:52<03:10, 116.99it/s]
Training Step:  56%|          | 27752/50000 [03:52<03:09, 117.46it/s]
Training Step:  56%|          | 27764/50000 [03:52<03:08, 117.75it/s]
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Training Step:  56%|          | 27824/50000 [03:53<03:07, 118.44it/s]
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Training Step:  56%|          | 28076/50000 [03:55<03:10, 115.07it/s]
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Training Step:  56%|          | 28242/50000 [03:56<03:19, 109.25it/s]
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Training Step:  57%|          | 28301/50000 [03:57<03:20, 108.31it/s]
Training Step:  57%|          | 28313/50000 [03:57<03:15, 111.20it/s]
Training Step:  57%|          | 28325/50000 [03:57<03:17, 109.98it/s]
Training Step:  57%|          | 28337/50000 [03:57<03:15, 110.88it/s]
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Training Step:  57%|          | 28409/50000 [03:58<03:08, 114.74it/s]
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Training Step:   57%|          | 28579/50000 [03:59<03:05, 115.29it/s]
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Training Step:   58%|          | 28982/50000 [04:03<02:55, 119.79it/s]
Training Step:   58%|          | 28994/50000 [04:03<02:57, 118.62it/s]
Training Step:   58%|          | 29006/50000 [04:03<02:57, 118.47it/s]
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Training Step:  58%|            | 29205/50000 [04:05<02:54, 118.88it/s]
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Training Step:  59%|            | 29403/50000 [04:06<02:59, 114.51it/s]
Training Step:  59%|            | 29415/50000 [04:07<02:59, 114.85it/s]
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Training Step:  59%|            | 29475/50000 [04:07<03:05, 110.53it/s]
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Training Step:  59%|            | 29532/50000 [04:08<03:09, 108.20it/s]
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Training Step:  59%|            | 29582/50000 [04:08<02:54, 117.20it/s]
Training Step:  59%|            | 29594/50000 [04:08<02:53, 117.76it/s]
```

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Training Step:  59%|        | 29618/50000 [04:08<02:51, 118.62it/s]
Training Step:  59%|        | 29631/50000 [04:08<02:48, 120.76it/s]
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Training Step:  59%|        | 29670/50000 [04:09<02:52, 117.89it/s]
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Training Step:  60%|        | 30187/50000 [04:13<03:03, 107.88it/s]
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Training Step:   60%|            | 30223/50000 [04:14<02:56, 112.10it/s]
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Training Step:   61%|            | 30310/50000 [04:14<02:45, 118.63it/s]
Training Step:   61%|            | 30323/50000 [04:14<02:44, 119.89it/s]
Training Step:   61%|            | 30335/50000 [04:15<02:50, 115.11it/s]
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Training Step:   61%|            | 30650/50000 [04:17<02:55, 110.53it/s]
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Training Step:   61%|            | 30700/50000 [04:18<02:45, 116.38it/s]
Training Step:   61%|            | 30713/50000 [04:18<02:42, 118.72it/s]
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Training Step:   62%|            | 30751/50000 [04:18<02:40, 120.08it/s]
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Training Step:   62%|            | 30776/50000 [04:18<02:43, 117.68it/s]
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Training Step:  63%|        | 31253/50000 [04:22<02:37, 119.39it/s]
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Training Step:  63%|        | 31363/50000 [04:23<02:46, 112.19it/s]
Training Step:  63%|        | 31375/50000 [04:24<02:48, 110.79it/s]
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Training Step:  63%|        | 31522/50000 [04:25<02:43, 113.21it/s]
Training Step:  63%|        | 31534/50000 [04:25<02:44, 112.20it/s]
Training Step:  63%|        | 31546/50000 [04:25<02:43, 112.65it/s]
Training Step:  63%|        | 31558/50000 [04:25<02:42, 113.80it/s]
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Training Step:  63%|        | 31749/50000 [04:27<02:30, 121.10it/s]
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Training Step:  64%|        | 31946/50000 [04:28<02:31, 119.14it/s]
Training Step:  64%|        | 31958/50000 [04:29<02:31, 118.86it/s]
Training Step:  64%|        | 31971/50000 [04:29<02:29, 120.84it/s]
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Training Step:  71%|         | 35371/50000 [04:59<02:08, 113.59it/s]
Training Step:  71%|         | 35383/50000 [04:59<02:08, 113.45it/s]
Training Step:  71%|         | 35395/50000 [04:59<02:06, 115.16it/s]
Training Step:  71%|         | 35407/50000 [04:59<02:06, 114.97it/s]
Training Step:  71%|         | 35419/50000 [04:59<02:07, 114.73it/s]
Training Step:  71%|         | 35431/50000 [04:59<02:05, 115.64it/s]
Training Step:  71%|         | 35443/50000 [04:59<02:08, 113.25it/s]
Training Step:  71%|         | 35456/50000 [04:59<02:07, 114.42it/s]
Training Step:  71%|         | 35468/50000 [04:59<02:07, 114.33it/s]
Training Step:  71%|         | 35480/50000 [05:00<02:09, 112.21it/s]
```

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Training Step:   71%|        | 35493/50000 [05:00<02:05, 115.89it/s]
Training Step:   71%|        | 35505/50000 [05:00<02:05, 115.88it/s]
Training Step:   71%|        | 35517/50000 [05:00<02:03, 116.97it/s]
Training Step:   71%|        | 35530/50000 [05:00<02:02, 117.90it/s]
Training Step:   71%|        | 35542/50000 [05:00<02:08, 112.47it/s]
Training Step:   71%|        | 35555/50000 [05:00<02:04, 116.13it/s]
Training Step:   71%|        | 35567/50000 [05:00<02:03, 116.97it/s]
Training Step:   71%|        | 35579/50000 [05:00<02:02, 117.81it/s]
Training Step:   71%|        | 35591/50000 [05:00<02:01, 118.42it/s]
Training Step:   71%|        | 35604/50000 [05:01<02:01, 118.22it/s]
Training Step:   71%|        | 35616/50000 [05:01<02:01, 118.72it/s]
Training Step:   71%|        | 35628/50000 [05:01<02:00, 118.81it/s]
Training Step:   71%|        | 35641/50000 [05:01<01:58, 120.72it/s]
Training Step:   71%|        | 35654/50000 [05:01<02:02, 117.48it/s]
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Training Step:   71%|        | 35680/50000 [05:01<01:59, 119.72it/s]
Training Step:   71%|        | 35693/50000 [05:01<01:58, 120.86it/s]
Training Step:   71%|        | 35706/50000 [05:01<01:59, 119.31it/s]
Training Step:   71%|        | 35718/50000 [05:02<01:59, 119.41it/s]
Training Step:   71%|        | 35731/50000 [05:02<01:58, 120.89it/s]
Training Step:   71%|        | 35744/50000 [05:02<01:59, 119.63it/s]
Training Step:   72%|        | 35756/50000 [05:02<01:59, 119.07it/s]
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Training Step:   72%|        | 35792/50000 [05:02<02:00, 117.74it/s]
Training Step:   72%|        | 35804/50000 [05:02<02:00, 117.87it/s]
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Training Step:   72%|        | 35829/50000 [05:02<01:59, 118.55it/s]
Training Step:   72%|        | 35841/50000 [05:03<02:01, 116.98it/s]
Training Step:   72%|        | 35853/50000 [05:03<02:03, 114.12it/s]
Training Step:   72%|        | 35865/50000 [05:03<02:05, 112.23it/s]
Training Step:   72%|        | 35877/50000 [05:03<02:03, 114.29it/s]
Training Step:   72%|        | 35889/50000 [05:03<02:03, 114.27it/s]
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Training Step:   72%|        | 35913/50000 [05:03<02:04, 113.23it/s]
Training Step:   72%|        | 35925/50000 [05:03<02:08, 109.81it/s]
Training Step:   72%|        | 35937/50000 [05:04<02:24, 97.34it/s]
Training Step:   72%|        | 35948/50000 [05:04<02:25, 96.86it/s]
Training Step:   72%|        | 35960/50000 [05:04<02:20, 99.83it/s]
Training Step:   72%|        | 35971/50000 [05:04<02:16, 102.52it/s]
Training Step:   72%|        | 35983/50000 [05:04<02:11, 106.42it/s]
Training Step:   72%|        | 35995/50000 [05:04<02:07, 109.45it/s]
Training Step:   72%|        | 36007/50000 [05:04<02:10, 107.39it/s]
Training Step:   72%|        | 36019/50000 [05:04<02:06, 110.65it/s]
Training Step:   72%|        | 36032/50000 [05:04<02:03, 112.94it/s]
Training Step:   72%|        | 36044/50000 [05:04<02:01, 114.93it/s]
Training Step:   72%|        | 36056/50000 [05:05<02:00, 115.71it/s]
Training Step:   72%|        | 36068/50000 [05:05<02:00, 115.26it/s]
```

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Training Step:  72%|        | 36080/50000 [05:05<02:02, 113.18it/s]
Training Step:  72%|        | 36092/50000 [05:05<02:03, 112.46it/s]
Training Step:  72%|        | 36104/50000 [05:05<02:05, 111.11it/s]
Training Step:  72%|        | 36116/50000 [05:05<02:07, 108.95it/s]
Training Step:  72%|        | 36127/50000 [05:05<02:08, 107.73it/s]
Training Step:  72%|        | 36138/50000 [05:05<02:16, 101.52it/s]
Training Step:  72%|        | 36149/50000 [05:05<02:14, 103.28it/s]
Training Step:  72%|        | 36160/50000 [05:06<02:13, 103.47it/s]
Training Step:  72%|        | 36171/50000 [05:06<02:12, 104.63it/s]
Training Step:  72%|        | 36183/50000 [05:06<02:08, 107.60it/s]
Training Step:  72%|        | 36195/50000 [05:06<02:06, 108.96it/s]
Training Step:  72%|        | 36207/50000 [05:06<02:03, 111.58it/s]
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Training Step:  72%|        | 36232/50000 [05:06<02:00, 114.39it/s]
Training Step:  72%|        | 36244/50000 [05:06<02:02, 112.15it/s]
Training Step:  73%|        | 36256/50000 [05:06<02:02, 112.61it/s]
Training Step:  73%|        | 36268/50000 [05:07<02:05, 109.74it/s]
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Training Step:  73%|        | 36292/50000 [05:07<02:10, 105.04it/s]
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Training Step:  73%|        | 36314/50000 [05:07<02:14, 101.73it/s]
Training Step:  73%|        | 36326/50000 [05:07<02:11, 104.13it/s]
Training Step:  73%|        | 36337/50000 [05:07<02:10, 104.84it/s]
Training Step:  73%|        | 36349/50000 [05:07<02:06, 108.22it/s]
Training Step:  73%|        | 36360/50000 [05:07<02:06, 107.78it/s]
Training Step:  73%|        | 36372/50000 [05:08<02:06, 107.62it/s]
Training Step:  73%|        | 36384/50000 [05:08<02:05, 108.20it/s]
Training Step:  73%|        | 36395/50000 [05:08<02:06, 107.96it/s]
Training Step:  73%|        | 36406/50000 [05:08<02:06, 107.71it/s]
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Training Step:  73%|        | 36428/50000 [05:08<02:05, 108.03it/s]
Training Step:  73%|        | 36440/50000 [05:08<02:05, 108.16it/s]
Training Step:  73%|        | 36452/50000 [05:08<02:01, 111.29it/s]
Training Step:  73%|        | 36464/50000 [05:08<02:00, 112.32it/s]
Training Step:  73%|        | 36476/50000 [05:08<02:00, 112.56it/s]
Training Step:  73%|        | 36488/50000 [05:09<01:59, 112.88it/s]
Training Step:  73%|        | 36500/50000 [05:09<01:57, 114.81it/s]
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Training Step:  73%|        | 36525/50000 [05:09<01:53, 118.66it/s]
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Training Step:  73%|        | 36549/50000 [05:09<02:05, 107.21it/s]
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Training Step:  73%|        | 36571/50000 [05:09<02:11, 101.82it/s]
Training Step:  73%|        | 36582/50000 [05:09<02:16, 98.00it/s]
Training Step:  73%|        | 36592/50000 [05:10<02:17, 97.48it/s]
Training Step:  73%|        | 36602/50000 [05:10<02:20, 95.41it/s]
Training Step:  73%|        | 36612/50000 [05:10<02:19, 95.93it/s]
Training Step:  73%|        | 36624/50000 [05:10<02:16, 98.22it/s]
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Training Step:    73%|         | 36647/50000 [05:10<02:09, 103.00it/s]
Training Step:    73%|         | 36658/50000 [05:10<02:13, 99.91it/s]
Training Step:    73%|         | 36669/50000 [05:10<02:13, 100.21it/s]
Training Step:    73%|         | 36680/50000 [05:10<02:15, 98.01it/s]
Training Step:    73%|         | 36690/50000 [05:11<02:15, 98.56it/s]
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Training Step:    73%|         | 36712/50000 [05:11<02:14, 99.06it/s]
Training Step:    73%|         | 36723/50000 [05:11<02:10, 101.81it/s]
Training Step:    73%|         | 36734/50000 [05:11<02:16, 96.96it/s]
Training Step:    73%|         | 36744/50000 [05:11<02:30, 88.27it/s]
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Training Step:    74%|         | 36764/50000 [05:11<02:23, 92.51it/s]
Training Step:    74%|         | 36774/50000 [05:11<02:20, 94.07it/s]
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Training Step:    74%|         | 36796/50000 [05:12<02:13, 99.14it/s]
Training Step:    74%|         | 36808/50000 [05:12<02:08, 102.91it/s]
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Training Step:    74%|         | 36843/50000 [05:12<02:02, 107.39it/s]
Training Step:    74%|         | 36854/50000 [05:12<02:02, 107.34it/s]
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Training Step:    74%|         | 36903/50000 [05:13<01:56, 112.29it/s]
Training Step:    74%|         | 36915/50000 [05:13<01:55, 113.41it/s]
Training Step:    74%|         | 36928/50000 [05:13<01:54, 114.40it/s]
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Training Step:    74%|         | 36963/50000 [05:13<02:04, 104.73it/s]
Training Step:    74%|         | 36974/50000 [05:13<02:05, 103.89it/s]
Training Step:    74%|         | 36985/50000 [05:13<02:05, 103.45it/s]
Training Step:    74%|         | 36996/50000 [05:13<02:04, 104.42it/s]
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Training Step:    74%|         | 37042/50000 [05:14<01:58, 109.76it/s]
Training Step:    74%|         | 37054/50000 [05:14<01:56, 111.36it/s]
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Training Step:    74%|         | 37078/50000 [05:14<01:59, 108.32it/s]
Training Step:    74%|         | 37090/50000 [05:14<01:57, 110.33it/s]
Training Step:    74%|         | 37102/50000 [05:14<01:58, 109.03it/s]
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Training Step:    74%|         | 37150/50000 [05:15<01:54, 112.38it/s]
Training Step:    74%|         | 37162/50000 [05:15<01:55, 111.00it/s]
Training Step:    74%|         | 37175/50000 [05:15<01:50, 116.03it/s]
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Training Step:   74%|         | 37211/50000 [05:15<01:50, 115.64it/s]
Training Step:   74%|         | 37223/50000 [05:15<01:49, 116.18it/s]
Training Step:   74%|         | 37235/50000 [05:16<01:49, 116.95it/s]
Training Step:   74%|         | 37247/50000 [05:16<01:48, 117.44it/s]
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Training Step:   75%|         | 37272/50000 [05:16<01:47, 118.32it/s]
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Training Step:   75%|         | 37318/50000 [05:16<02:01, 104.61it/s]
Training Step:   75%|         | 37329/50000 [05:16<02:04, 102.04it/s]
Training Step:   75%|         | 37340/50000 [05:17<02:07, 99.10it/s]
Training Step:   75%|         | 37350/50000 [05:17<02:11, 96.48it/s]
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Training Step:   75%|         | 37384/50000 [05:17<02:03, 101.84it/s]
Training Step:   75%|         | 37396/50000 [05:17<02:02, 102.84it/s]
Training Step:   75%|         | 37407/50000 [05:17<02:00, 104.21it/s]
Training Step:   75%|         | 37418/50000 [05:17<02:04, 101.27it/s]
Training Step:   75%|         | 37429/50000 [05:17<02:04, 101.16it/s]
Training Step:   75%|         | 37440/50000 [05:18<02:09, 96.62it/s]
Training Step:   75%|         | 37450/50000 [05:18<02:09, 96.99it/s]
Training Step:   75%|         | 37460/50000 [05:18<02:12, 94.60it/s]
Training Step:   75%|         | 37471/50000 [05:18<02:08, 97.39it/s]
Training Step:   75%|         | 37482/50000 [05:18<02:05, 100.06it/s]
Training Step:   75%|         | 37493/50000 [05:18<02:02, 102.23it/s]
Training Step:   75%|         | 37504/50000 [05:18<02:14, 93.22it/s]
Training Step:   75%|         | 37515/50000 [05:18<02:08, 97.54it/s]
Training Step:   75%|         | 37526/50000 [05:18<02:06, 98.44it/s]
Training Step:   75%|         | 37537/50000 [05:19<02:02, 101.53it/s]
Training Step:   75%|         | 37548/50000 [05:19<02:01, 102.53it/s]
Training Step:   75%|         | 37559/50000 [05:19<01:59, 104.07it/s]
Training Step:   75%|         | 37570/50000 [05:19<01:59, 103.72it/s]
Training Step:   75%|         | 37582/50000 [05:19<01:57, 105.98it/s]
Training Step:   75%|         | 37594/50000 [05:19<01:54, 108.16it/s]
Training Step:   75%|         | 37605/50000 [05:19<01:55, 107.70it/s]
Training Step:   75%|         | 37616/50000 [05:19<02:00, 103.05it/s]
Training Step:   75%|         | 37627/50000 [05:19<02:01, 101.91it/s]
Training Step:   75%|         | 37638/50000 [05:20<01:59, 103.61it/s]
Training Step:   75%|         | 37650/50000 [05:20<01:57, 104.98it/s]
Training Step:   75%|         | 37662/50000 [05:20<01:53, 108.53it/s]
Training Step:   75%|         | 37674/50000 [05:20<01:51, 110.50it/s]
Training Step:   75%|         | 37686/50000 [05:20<01:49, 112.37it/s]
Training Step:   75%|         | 37698/50000 [05:20<01:47, 114.24it/s]
Training Step:   75%|         | 37710/50000 [05:20<01:46, 115.55it/s]
Training Step:   75%|         | 37722/50000 [05:20<01:48, 113.55it/s]
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Training Step:   76%|        | 37768/50000 [05:21<02:03, 98.99it/s]
Training Step:   76%|        | 37780/50000 [05:21<01:59, 101.91it/s]
Training Step:   76%|        | 37792/50000 [05:21<01:57, 103.61it/s]
Training Step:   76%|        | 37803/50000 [05:21<01:55, 105.26it/s]
Training Step:   76%|        | 37814/50000 [05:21<01:56, 104.52it/s]
Training Step:   76%|        | 37826/50000 [05:21<01:54, 106.55it/s]
Training Step:   76%|        | 37838/50000 [05:21<01:51, 109.22it/s]
Training Step:   76%|        | 37850/50000 [05:21<01:48, 111.91it/s]
Training Step:   76%|        | 37862/50000 [05:22<01:46, 113.87it/s]
Training Step:   76%|        | 37874/50000 [05:22<01:47, 112.66it/s]
Training Step:   76%|        | 37886/50000 [05:22<01:55, 104.73it/s]
Training Step:   76%|        | 37897/50000 [05:22<01:57, 103.04it/s]
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Training Step:   76%|        | 37920/50000 [05:22<01:58, 101.86it/s]
Training Step:   76%|        | 37931/50000 [05:22<01:57, 102.52it/s]
Training Step:   76%|        | 37942/50000 [05:22<02:01, 98.96it/s]
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Training Step:   76%|        | 37963/50000 [05:23<01:59, 100.33it/s]
Training Step:   76%|        | 37974/50000 [05:23<02:00, 99.64it/s]
Training Step:   76%|        | 37985/50000 [05:23<01:57, 101.94it/s]
Training Step:   76%|        | 37996/50000 [05:23<01:56, 103.26it/s]
Training Step:   76%|        | 38007/50000 [05:23<02:02, 97.85it/s]
Training Step:   76%|        | 38018/50000 [05:23<02:00, 99.31it/s]
Training Step:   76%|        | 38030/50000 [05:23<01:57, 101.85it/s]
Training Step:   76%|        | 38042/50000 [05:23<01:54, 104.65it/s]
Training Step:   76%|        | 38054/50000 [05:23<01:52, 105.82it/s]
Training Step:   76%|        | 38065/50000 [05:24<01:52, 105.92it/s]
Training Step:   76%|        | 38077/50000 [05:24<01:48, 109.74it/s]
Training Step:   76%|        | 38089/50000 [05:24<01:49, 109.11it/s]
Training Step:   76%|        | 38100/50000 [05:24<01:49, 109.01it/s]
Training Step:   76%|        | 38113/50000 [05:24<01:44, 113.35it/s]
Training Step:   76%|        | 38125/50000 [05:24<01:46, 111.65it/s]
Training Step:   76%|        | 38137/50000 [05:24<01:49, 108.34it/s]
Training Step:   76%|        | 38148/50000 [05:24<01:53, 104.57it/s]
Training Step:   76%|        | 38160/50000 [05:24<01:51, 106.47it/s]
Training Step:   76%|        | 38172/50000 [05:25<01:50, 107.39it/s]
Training Step:   76%|        | 38184/50000 [05:25<01:48, 108.91it/s]
Training Step:   76%|        | 38196/50000 [05:25<01:48, 109.12it/s]
Training Step:   76%|        | 38207/50000 [05:25<01:49, 107.35it/s]
Training Step:   76%|        | 38219/50000 [05:25<01:47, 110.05it/s]
Training Step:   76%|        | 38231/50000 [05:25<01:49, 107.18it/s]
Training Step:   76%|        | 38242/50000 [05:25<01:50, 106.12it/s]
Training Step:   77%|        | 38254/50000 [05:25<01:48, 108.67it/s]
Training Step:   77%|        | 38266/50000 [05:25<01:47, 108.85it/s]
Training Step:   77%|        | 38278/50000 [05:26<01:46, 110.23it/s]
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Training Step:  77%|          | 38302/50000 [05:26<01:44, 111.66it/s]
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Training Step:  77%|          | 38654/50000 [05:29<01:37, 116.26it/s]
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Training Step:  78%|          | 38787/50000 [05:30<01:37, 115.43it/s]
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Training Step:  78%|          | 38863/50000 [05:31<01:32, 119.87it/s]
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Training Step:  79%|        | 39449/50000 [05:36<01:31, 115.35it/s]
Training Step:  79%|        | 39462/50000 [05:36<01:31, 115.67it/s]
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Training Step:   80%|        | 40056/50000 [05:41<01:30, 109.89it/s]
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Training Step:   81%|         | 40294/50000 [05:43<01:25, 112.94it/s]
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Training Step:   81%|         | 40631/50000 [05:46<01:22, 113.67it/s]
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Training Step:  82%|          | 41216/50000 [05:51<01:17, 112.63it/s]
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Training Step:  83%|          | 41252/50000 [05:51<01:17, 112.53it/s]
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Training Step:  83%|          | 41364/50000 [05:52<01:12, 118.53it/s]
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Training Step:  83%|          | 41388/50000 [05:53<01:12, 119.13it/s]
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Training Step:  83%|          | 41529/50000 [05:54<01:10, 120.60it/s]
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Training Step:  84%|          | 41818/50000 [05:56<01:12, 112.94it/s]
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Training Step:  85%|        | 42407/50000 [06:01<01:03, 119.45it/s]
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Training Step:  87%|          | 43605/50000 [06:12<00:54, 117.83it/s]
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Training Step:  88%|          |  44198/50000 [06:17<00:50, 115.06it/s]
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Training Step:  89%|        | 44325/50000 [06:18<00:46, 120.88it/s]
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Training Step:  89%|        | 44500/50000 [06:19<00:46, 118.63it/s]
Training Step:  89%|        | 44513/50000 [06:19<00:45, 120.57it/s]
Training Step:  89%|        | 44526/50000 [06:19<00:45, 119.18it/s]
Training Step:  89%|        | 44539/50000 [06:19<00:45, 120.57it/s]
Training Step:  89%|        | 44552/50000 [06:20<00:45, 119.39it/s]
Training Step:  89%|        | 44564/50000 [06:20<00:45, 119.17it/s]
Training Step:  89%|        | 44576/50000 [06:20<00:45, 119.23it/s]
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Training Step:  89%|        | 44614/50000 [06:20<00:46, 116.31it/s]
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Training Step:  89%|        | 44664/50000 [06:21<00:45, 118.08it/s]
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Training Step:  89%|        | 44713/50000 [06:21<00:44, 118.20it/s]
Training Step:  89%|        | 44725/50000 [06:21<00:45, 116.96it/s]
Training Step:  89%|        | 44738/50000 [06:21<00:44, 117.66it/s]
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Training Step:  90%|        | 44774/50000 [06:22<00:46, 113.15it/s]
Training Step:  90%|        | 44786/50000 [06:22<00:46, 113.24it/s]
Training Step:  90%|        | 44798/50000 [06:22<00:45, 114.22it/s]
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Training Step:  90%|        | 44822/50000 [06:22<00:45, 114.36it/s]
Training Step:  90%|        | 44834/50000 [06:22<00:45, 113.40it/s]
Training Step:  90%|        | 44846/50000 [06:22<00:46, 109.86it/s]
Training Step:  90%|        | 44858/50000 [06:22<00:46, 109.42it/s]
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Training Step:  90%|        | 44926/50000 [06:23<00:46, 109.55it/s]
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Training Step:  90%|        | 44950/50000 [06:23<00:46, 108.62it/s]
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Training Step:  90%|        | 44998/50000 [06:24<00:43, 114.22it/s]
Training Step:  90%|        | 45010/50000 [06:24<00:44, 112.50it/s]
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Training Step:  91%|        | 45382/50000 [06:27<00:42, 109.59it/s]
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Training Step:  91%|        | 45416/50000 [06:27<00:43, 105.37it/s]
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Training Step:  93%|        | 46552/50000 [06:37<00:29, 116.50it/s]
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Training Step:  94%|        | 47124/50000 [06:42<00:24, 117.70it/s]
Training Step:  94%|        | 47137/50000 [06:42<00:23, 119.76it/s]
Training Step:  94%|        | 47150/50000 [06:42<00:23, 118.75it/s]
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Training Step:  94%|        | 47187/50000 [06:42<00:23, 118.40it/s]
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Training Step:  95%|        | 47439/50000 [06:45<00:21, 120.81it/s]
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Training Step:  95%|        | 47477/50000 [06:45<00:20, 121.04it/s]
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Training Step:  95%|        | 47618/50000 [06:46<00:19, 119.46it/s]
Training Step:  95%|        | 47631/50000 [06:46<00:19, 120.79it/s]
Training Step:  95%|        | 47644/50000 [06:46<00:19, 119.29it/s]
Training Step:  95%|        | 47656/50000 [06:46<00:19, 119.49it/s]
Training Step:  95%|        | 47669/50000 [06:46<00:19, 120.84it/s]
Training Step:  95%|        | 47682/50000 [06:47<00:19, 118.48it/s]
Training Step:  95%|        | 47694/50000 [06:47<00:19, 116.21it/s]
Training Step:  95%|        | 47706/50000 [06:47<00:19, 114.88it/s]
Training Step:  95%|        | 47719/50000 [06:47<00:19, 117.28it/s]
Training Step:  95%|        | 47731/50000 [06:47<00:19, 114.14it/s]
Training Step:  95%|        | 47743/50000 [06:47<00:19, 113.52it/s]
Training Step:  96%|        | 47755/50000 [06:47<00:20, 110.67it/s]
```

```
Training Step:  96%|         | 47767/50000 [06:47<00:19, 112.62it/s]
Training Step:  96%|         | 47779/50000 [06:47<00:19, 114.62it/s]
Training Step:  96%|         | 47792/50000 [06:48<00:19, 115.45it/s]
Training Step:  96%|         | 47804/50000 [06:48<00:18, 116.75it/s]
Training Step:  96%|         | 47817/50000 [06:48<00:18, 119.87it/s]
Training Step:  96%|         | 47830/50000 [06:48<00:18, 115.74it/s]
Training Step:  96%|         | 47842/50000 [06:48<00:18, 113.72it/s]
Training Step:  96%|         | 47854/50000 [06:48<00:19, 111.29it/s]
Training Step:  96%|         | 47866/50000 [06:48<00:19, 112.08it/s]
Training Step:  96%|         | 47878/50000 [06:48<00:18, 113.92it/s]
Training Step:  96%|         | 47890/50000 [06:48<00:18, 114.77it/s]
Training Step:  96%|         | 47903/50000 [06:49<00:17, 116.83it/s]
Training Step:  96%|         | 47915/50000 [06:49<00:17, 116.78it/s]
Training Step:  96%|         | 47927/50000 [06:49<00:17, 116.36it/s]
Training Step:  96%|         | 47939/50000 [06:49<00:18, 112.98it/s]
Training Step:  96%|         | 47951/50000 [06:49<00:18, 113.83it/s]
Training Step:  96%|         | 47963/50000 [06:49<00:18, 111.76it/s]
Training Step:  96%|         | 47975/50000 [06:49<00:17, 113.38it/s]
Training Step:  96%|         | 47987/50000 [06:49<00:18, 111.32it/s]
Training Step:  96%|         | 47999/50000 [06:49<00:17, 112.61it/s]
Training Step:  96%|         | 48011/50000 [06:50<00:18, 109.18it/s]
Training Step:  96%|         | 48024/50000 [06:50<00:17, 112.72it/s]
Training Step:  96%|         | 48036/50000 [06:50<00:17, 113.18it/s]
Training Step:  96%|         | 48048/50000 [06:50<00:17, 112.16it/s]
Training Step:  96%|         | 48060/50000 [06:50<00:17, 113.91it/s]
Training Step:  96%|         | 48072/50000 [06:50<00:16, 113.70it/s]
Training Step:  96%|         | 48084/50000 [06:50<00:16, 115.49it/s]
Training Step:  96%|         | 48096/50000 [06:50<00:16, 116.77it/s]
Training Step:  96%|         | 48108/50000 [06:50<00:16, 117.50it/s]
Training Step:  96%|         | 48121/50000 [06:50<00:15, 119.49it/s]
Training Step:  96%|         | 48133/50000 [06:51<00:16, 113.42it/s]
Training Step:  96%|         | 48145/50000 [06:51<00:16, 114.43it/s]
Training Step:  96%|         | 48157/50000 [06:51<00:16, 111.80it/s]
Training Step:  96%|         | 48169/50000 [06:51<00:16, 110.80it/s]
Training Step:  96%|         | 48181/50000 [06:51<00:16, 111.59it/s]
Training Step:  96%|         | 48193/50000 [06:51<00:16, 112.11it/s]
Training Step:  96%|         | 48205/50000 [06:51<00:15, 112.38it/s]
Training Step:  96%|         | 48217/50000 [06:51<00:15, 113.17it/s]
Training Step:  96%|         | 48229/50000 [06:51<00:15, 114.95it/s]
Training Step:  96%|         | 48242/50000 [06:52<00:15, 115.33it/s]
Training Step:  97%|         | 48254/50000 [06:52<00:14, 116.51it/s]
Training Step:  97%|         | 48267/50000 [06:52<00:14, 119.04it/s]
Training Step:  97%|         | 48279/50000 [06:52<00:14, 119.17it/s]
Training Step:  97%|         | 48291/50000 [06:52<00:14, 119.37it/s]
Training Step:  97%|         | 48303/50000 [06:52<00:14, 119.51it/s]
Training Step:  97%|         | 48315/50000 [06:52<00:14, 119.56it/s]
Training Step:  97%|         | 48328/50000 [06:52<00:14, 118.60it/s]
Training Step:  97%|         | 48340/50000 [06:52<00:13, 118.59it/s]
```

```
Training Step:  97%|        | 48353/50000 [06:52<00:13, 120.35it/s]
Training Step:  97%|        | 48366/50000 [06:53<00:13, 120.63it/s]
Training Step:  97%|        | 48379/50000 [06:53<00:13, 121.88it/s]
Training Step:  97%|        | 48392/50000 [06:53<00:13, 120.58it/s]
Training Step:  97%|        | 48405/50000 [06:53<00:13, 121.70it/s]
Training Step:  97%|        | 48418/50000 [06:53<00:13, 119.81it/s]
Training Step:  97%|        | 48431/50000 [06:53<00:12, 121.75it/s]
Training Step:  97%|        | 48444/50000 [06:53<00:12, 122.22it/s]
Training Step:  97%|        | 48457/50000 [06:53<00:12, 123.76it/s]
Training Step:  97%|        | 48470/50000 [06:53<00:12, 121.34it/s]
Training Step:  97%|        | 48483/50000 [06:54<00:12, 121.84it/s]
Training Step:  97%|        | 48496/50000 [06:54<00:12, 121.37it/s]
Training Step:  97%|        | 48509/50000 [06:54<00:12, 121.50it/s]
Training Step:  97%|        | 48522/50000 [06:54<00:12, 121.51it/s]
Training Step:  97%|        | 48535/50000 [06:54<00:12, 121.43it/s]
Training Step:  97%|        | 48548/50000 [06:54<00:12, 120.68it/s]
Training Step:  97%|        | 48561/50000 [06:54<00:11, 122.23it/s]
Training Step:  97%|        | 48574/50000 [06:54<00:11, 122.60it/s]
Training Step:  97%|        | 48587/50000 [06:54<00:11, 123.41it/s]
Training Step:  97%|        | 48600/50000 [06:54<00:11, 120.93it/s]
Training Step:  97%|        | 48613/50000 [06:55<00:11, 121.83it/s]
Training Step:  97%|        | 48626/50000 [06:55<00:11, 120.09it/s]
Training Step:  97%|        | 48639/50000 [06:55<00:11, 121.29it/s]
Training Step:  97%|        | 48652/50000 [06:55<00:11, 118.71it/s]
Training Step:  97%|        | 48665/50000 [06:55<00:11, 120.36it/s]
Training Step:  97%|        | 48678/50000 [06:55<00:11, 119.42it/s]
Training Step:  97%|        | 48691/50000 [06:55<00:10, 121.00it/s]
Training Step:  97%|        | 48704/50000 [06:55<00:10, 119.85it/s]
Training Step:  97%|        | 48716/50000 [06:55<00:10, 118.79it/s]
Training Step:  97%|        | 48728/50000 [06:56<00:10, 116.77it/s]
Training Step:  97%|        | 48740/50000 [06:56<00:10, 117.20it/s]
Training Step:  98%|        | 48753/50000 [06:56<00:10, 119.18it/s]
Training Step:  98%|        | 48765/50000 [06:56<00:10, 119.21it/s]
Training Step:  98%|        | 48777/50000 [06:56<00:10, 119.11it/s]
Training Step:  98%|        | 48790/50000 [06:56<00:10, 119.35it/s]
Training Step:  98%|        | 48802/50000 [06:56<00:10, 119.35it/s]
Training Step:  98%|        | 48814/50000 [06:56<00:09, 119.40it/s]
Training Step:  98%|        | 48827/50000 [06:56<00:09, 120.04it/s]
Training Step:  98%|        | 48840/50000 [06:56<00:09, 119.78it/s]
Training Step:  98%|        | 48852/50000 [06:57<00:09, 119.73it/s]
Training Step:  98%|        | 48864/50000 [06:57<00:09, 119.42it/s]
Training Step:  98%|        | 48876/50000 [06:57<00:09, 119.15it/s]
Training Step:  98%|        | 48888/50000 [06:57<00:09, 119.21it/s]
Training Step:  98%|        | 48900/50000 [06:57<00:09, 117.97it/s]
Training Step:  98%|        | 48912/50000 [06:57<00:09, 118.35it/s]
Training Step:  98%|        | 48924/50000 [06:57<00:09, 118.78it/s]
Training Step:  98%|        | 48937/50000 [06:57<00:08, 120.33it/s]
Training Step:  98%|        | 48950/50000 [06:57<00:08, 120.05it/s]
```

```
Training Step:  98%|          | 48963/50000 [06:58<00:08, 121.74it/s]
Training Step:  98%|          | 48976/50000 [06:58<00:08, 120.28it/s]
Training Step:  98%|          | 48989/50000 [06:58<00:08, 119.89it/s]
Training Step:  98%|          | 49002/50000 [06:58<00:08, 119.52it/s]
Training Step:  98%|          | 49015/50000 [06:58<00:08, 120.94it/s]
Training Step:  98%|          | 49028/50000 [06:58<00:08, 120.46it/s]
Training Step:  98%|          | 49041/50000 [06:58<00:07, 120.81it/s]
Training Step:  98%|          | 49054/50000 [06:58<00:07, 122.05it/s]
Training Step:  98%|          | 49067/50000 [06:58<00:07, 124.14it/s]
Training Step:  98%|          | 49080/50000 [06:58<00:07, 121.34it/s]
Training Step:  98%|          | 49093/50000 [06:59<00:07, 123.22it/s]
Training Step:  98%|          | 49106/50000 [06:59<00:07, 122.20it/s]
Training Step:  98%|          | 49119/50000 [06:59<00:07, 121.55it/s]
Training Step:  98%|          | 49132/50000 [06:59<00:07, 120.89it/s]
Training Step:  98%|          | 49145/50000 [06:59<00:07, 121.32it/s]
Training Step:  98%|          | 49158/50000 [06:59<00:06, 120.36it/s]
Training Step:  98%|          | 49171/50000 [06:59<00:06, 120.51it/s]
Training Step:  98%|          | 49184/50000 [06:59<00:06, 119.51it/s]
Training Step:  98%|          | 49197/50000 [06:59<00:06, 120.70it/s]
Training Step:  98%|          | 49210/50000 [07:00<00:06, 119.93it/s]
Training Step:  98%|          | 49222/50000 [07:00<00:06, 119.89it/s]
Training Step:  98%|          | 49235/50000 [07:00<00:06, 120.42it/s]
Training Step:  98%|          | 49248/50000 [07:00<00:06, 118.88it/s]
Training Step:  99%|          | 49260/50000 [07:00<00:06, 117.92it/s]
Training Step:  99%|          | 49272/50000 [07:00<00:06, 118.16it/s]
Training Step:  99%|          | 49285/50000 [07:00<00:05, 119.62it/s]
Training Step:  99%|          | 49298/50000 [07:00<00:05, 118.95it/s]
Training Step:  99%|          | 49310/50000 [07:00<00:05, 115.56it/s]
Training Step:  99%|          | 49322/50000 [07:01<00:05, 116.82it/s]
Training Step:  99%|          | 49334/50000 [07:01<00:05, 117.43it/s]
Training Step:  99%|          | 49347/50000 [07:01<00:05, 119.21it/s]
Training Step:  99%|          | 49360/50000 [07:01<00:05, 118.98it/s]
Training Step:  99%|          | 49372/50000 [07:01<00:05, 119.23it/s]
Training Step:  99%|          | 49385/50000 [07:01<00:05, 120.00it/s]
Training Step:  99%|          | 49398/50000 [07:01<00:05, 119.65it/s]
Training Step:  99%|          | 49410/50000 [07:01<00:04, 119.75it/s]
Training Step:  99%|          | 49422/50000 [07:01<00:04, 119.25it/s]
Training Step:  99%|          | 49435/50000 [07:01<00:04, 120.56it/s]
Training Step:  99%|          | 49448/50000 [07:02<00:04, 119.63it/s]
Training Step:  99%|          | 49461/50000 [07:02<00:04, 119.99it/s]
Training Step:  99%|          | 49474/50000 [07:02<00:04, 116.47it/s]
Training Step:  99%|          | 49487/50000 [07:02<00:04, 119.27it/s]
Training Step:  99%|          | 49499/50000 [07:02<00:04, 119.28it/s]
Training Step:  99%|          | 49511/50000 [07:02<00:04, 118.97it/s]
Training Step:  99%|          | 49524/50000 [07:02<00:04, 118.93it/s]
Training Step:  99%|          | 49537/50000 [07:02<00:03, 120.46it/s]
Training Step:  99%|          | 49550/50000 [07:02<00:03, 119.20it/s]
Training Step:  99%|          | 49562/50000 [07:03<00:03, 113.58it/s]
```

```
Training Step:  99%|          | 49574/50000 [07:03<00:03, 114.72it/s]
Training Step:  99%|          | 49587/50000 [07:03<00:03, 117.36it/s]
Training Step:  99%|          | 49600/50000 [07:03<00:03, 117.35it/s]
Training Step:  99%|          | 49613/50000 [07:03<00:03, 119.92it/s]
Training Step:  99%|          | 49626/50000 [07:03<00:03, 119.39it/s]
Training Step:  99%|          | 49638/50000 [07:03<00:03, 112.30it/s]
Training Step:  99%|          | 49650/50000 [07:03<00:03, 112.26it/s]
Training Step:  99%|          | 49662/50000 [07:03<00:03, 108.77it/s]
Training Step:  99%|          | 49673/50000 [07:04<00:03, 102.80it/s]
Training Step:  99%|          | 49684/50000 [07:04<00:03, 102.50it/s]
Training Step:  99%|          | 49695/50000 [07:04<00:02, 102.69it/s]
Training Step:  99%|          | 49706/50000 [07:04<00:02, 103.51it/s]
Training Step:  99%|          | 49717/50000 [07:04<00:02, 104.79it/s]
Training Step:  99%|          | 49728/50000 [07:04<00:02, 103.43it/s]
Training Step:  99%|          | 49740/50000 [07:04<00:02, 104.76it/s]
Training Step: 100%|          | 49751/50000 [07:04<00:02, 100.05it/s]
Training Step: 100%|          | 49762/50000 [07:04<00:02, 95.02it/s]
Training Step: 100%|          | 49773/50000 [07:05<00:02, 97.98it/s]
Training Step: 100%|          | 49784/50000 [07:05<00:02, 99.71it/s]
Training Step: 100%|          | 49796/50000 [07:05<00:02, 101.69it/s]
Training Step: 100%|          | 49807/50000 [07:05<00:01, 103.88it/s]
Training Step: 100%|          | 49818/50000 [07:05<00:01, 102.63it/s]
Training Step: 100%|          | 49829/50000 [07:05<00:01, 104.61it/s]
Training Step: 100%|          | 49840/50000 [07:05<00:01, 104.63it/s]
Training Step: 100%|          | 49852/50000 [07:05<00:01, 107.69it/s]
Training Step: 100%|          | 49865/50000 [07:05<00:01, 113.06it/s]
Training Step: 100%|          | 49877/50000 [07:05<00:01, 110.53it/s]
Training Step: 100%|          | 49889/50000 [07:06<00:00, 113.15it/s]
Training Step: 100%|          | 49901/50000 [07:06<00:00, 115.00it/s]
Training Step: 100%|          | 49913/50000 [07:06<00:00, 116.38it/s]
Training Step: 100%|          | 49925/50000 [07:06<00:00, 117.30it/s]
Training Step: 100%|          | 49937/50000 [07:06<00:00, 117.36it/s]
Training Step: 100%|          | 49950/50000 [07:06<00:00, 116.53it/s]
Training Step: 100%|          | 49963/50000 [07:06<00:00, 119.14it/s]
Training Step: 100%|          | 49976/50000 [07:06<00:00, 118.58it/s]
Training Step: 100%|          | 49989/50000 [07:06<00:00, 120.78it/s]
Training Step: 100%|          | 50000/50000 [07:07<00:00, 117.08it/s]


 ===== TD3 Training Step 1199 =====:
 actor_loss: 8.540311813354492
 critic_loss: 0.6517338156700134
 current_q1: -8.764493942260742
 current_q2: -8.759138107299805
 episode_reward: -1216.4010217830717
 frame_per_second: 528
 log_dir: Pendulum-v1
```

```
reward: -6.311416149139404
target_q: -8.78995132446289
total_episodes: 6
total_steps: 1199
total_time: 2.267979383468628
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
===== TD3 Training Step 2199 =====:
actor_loss: 22.673095703125
critic_loss: 2.937506675720215
current_q1: -23.019750595092773
current_q2: -23.036638259887695
episode_reward: -1383.6132996025501
frame_per_second: 203
log_dir: Pendulum-v1
reward: -6.915778636932373
target_q: -22.957294464111328
total_episodes: 11
total_steps: 2199
total_time: 10.809183597564697
```

```
===== TD3 Training Step 3199 =====:
actor_loss: 37.60356140136719
critic_loss: 12.47491455078125
current_q1: -37.45732116699219
current_q2: -37.50157928466797
episode_reward: -1408.8564774363197
frame_per_second: 165
log_dir: Pendulum-v1
reward: -6.8067522048950195
target_q: -37.808128356933594
total_episodes: 16
total_steps: 3199
total_time: 19.315847635269165
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
===== TD3 Training Step 4199 =====:
actor_loss: 51.10105895996094
critic_loss: 2.5449345111846924
current_q1: -51.50255584716797
current_q2: -51.373050689697266
episode_reward: -1380.0927240763722
frame_per_second: 150
```

```
log_dir: Pendulum-v1
reward: -6.751112937927246
target_q: -52.31146240234375
total_episodes: 21
total_steps: 4199
total_time: 27.965385675430298


 ===== TD3 Training Step 5199 =====:
 actor_loss: 62.66846466064453
 critic_loss: 36.1500129699707
 current_q1: -63.20913314819336
 current_q2: -63.21725082397461
 episode_reward: -1304.8522498387292
 frame_per_second: 142
 log_dir: Pendulum-v1
 reward: -6.579960346221924
 target_q: -63.583213806152344
 total_episodes: 26
 total_steps: 5199
 total_time: 36.48667550086975

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 6199 =====:
 actor_loss: 70.55952453613281
 critic_loss: 100.63519287109375
 current_q1: -71.52452850341797
 current_q2: -71.62507629394531
 episode_reward: -1176.5935675651558
 frame_per_second: 136
 log_dir: Pendulum-v1
 reward: -6.005533695220947
 target_q: -71.09715270996094
 total_episodes: 31
 total_steps: 6199
 total_time: 45.48797082901001


 ===== TD3 Training Step 7199 =====:
 actor_loss: 70.71761322021484
 critic_loss: 58.04753875732422
 current_q1: -71.9229507446289
 current_q2: -71.96385192871094
 episode_reward: -1031.2733747190757
 frame_per_second: 132
 log_dir: Pendulum-v1
```

```
reward: -5.099199295043945
target_q: -71.7552490234375
total_episodes: 36
total_steps: 7199
total_time: 54.150617361068726
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
===== TD3 Training Step 8199 =====:
actor_loss: 72.6843032836914
critic_loss: 3.991116523742676
current_q1: -73.61814880371094
current_q2: -73.54232025146484
episode_reward: -952.1013282124981
frame_per_second: 130
log_dir: Pendulum-v1
reward: -4.840742588043213
target_q: -73.81629943847656
total_episodes: 41
total_steps: 8199
total_time: 62.76938438415527


===== TD3 Training Step 9199 =====:
actor_loss: 75.82637023925781
critic_loss: 188.8488006591797
current_q1: -77.34212493896484
current_q2: -77.64768981933594
episode_reward: -913.5958780784118
frame_per_second: 129
log_dir: Pendulum-v1
reward: -4.824911117553711
target_q: -76.69251251220703
total_episodes: 46
total_steps: 9199
total_time: 71.17899131774902
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
===== TD3 Training Step 10199 =====:
actor_loss: 72.48675537109375
critic_loss: 10.917991638183594
current_q1: -74.12657165527344
current_q2: -74.03732299804688
episode_reward: -877.2596875176366
frame_per_second: 127
```

```
log_dir: Pendulum-v1
reward: -4.464627742767334
target_q: -75.37538146972656
total_episodes: 51
total_steps: 10199
total_time: 79.82655644416809


 ===== TD3 Training Step 11199 =====:
 actor_loss: 70.82322692871094
 critic_loss: 7.893206596374512
 current_q1: -71.86461639404297
 current_q2: -71.71904754638672
 episode_reward: -834.3601123504338
 frame_per_second: 126
 log_dir: Pendulum-v1
 reward: -4.1982269287109375
 target_q: -72.56964111328125
 total_episodes: 56
 total_steps: 11199
 total_time: 88.5764479637146

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 12199 =====:
 actor_loss: 78.19969177246094
 critic_loss: 7.499749183654785
 current_q1: -79.82701110839844
 current_q2: -79.66920471191406
 episode_reward: -777.896228357655
 frame_per_second: 125
 log_dir: Pendulum-v1
 reward: -4.045069694519043
 target_q: -79.35358428955078
 total_episodes: 61
 total_steps: 12199
 total_time: 97.28787517547607


 ===== TD3 Training Step 13199 =====:
 actor_loss: 63.68545913696289
 critic_loss: 109.76643371582031
 current_q1: -64.78030395507812
 current_q2: -65.09087371826172
 episode_reward: -728.2298433075962
 frame_per_second: 124
 log_dir: Pendulum-v1
```

```
    reward: -3.432569742202759
    target_q: -64.78407287597656
    total_episodes: 66
    total_steps: 13199
    total_time: 106.1926805973053

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 14199 =====:
  actor_loss: 73.47114562988281
  critic_loss: 250.8466033935547
  current_q1: -75.82318115234375
  current_q2: -75.885986328125
  episode_reward: -691.3253832756569
  frame_per_second: 123
  log_dir: Pendulum-v1
  reward: -3.982966184616089
  target_q: -73.70694732666016
  total_episodes: 71
  total_steps: 14199
  total_time: 114.87983989715576


 ===== TD3 Training Step 15199 =====:
  actor_loss: 74.6795654296875
  critic_loss: 28.198514938354492
  current_q1: -75.15995025634766
  current_q2: -74.75820922851562
  episode_reward: -656.1982127290275
  frame_per_second: 123
  log_dir: Pendulum-v1
  reward: -3.4503836631774902
  target_q: -77.3857421875
  total_episodes: 76
  total_steps: 15199
  total_time: 123.4561288356781

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 16199 =====:
  actor_loss: 59.364341735839844
  critic_loss: 102.31233215332031
  current_q1: -60.50623321533203
  current_q2: -61.30803680419922
  episode_reward: -624.5225087737663
  frame_per_second: 122
```

```
log_dir: Pendulum-v1
reward: -3.028076648712158
target_q: -61.69194793701172
total_episodes: 81
total_steps: 16199
total_time: 132.26041173934937


 ===== TD3 Training Step 17199 =====:
 actor_loss: 54.29501724243164
 critic_loss: 690.953857421875
 current_q1: -56.09918212890625
 current_q2: -56.616363525390625
 episode_reward: -600.5761072004843
 frame_per_second: 121
 log_dir: Pendulum-v1
 reward: -3.0160698890686035
 target_q: -55.19155502319336
 total_episodes: 86
 total_steps: 17199
 total_time: 141.0338430404663

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 18199 =====:
 actor_loss: 67.9231948852539
 critic_loss: 7.745391368865967
 current_q1: -70.12018585205078
 current_q2: -69.53550720214844
 episode_reward: -576.8524827515164
 frame_per_second: 121
 log_dir: Pendulum-v1
 reward: -3.0746164321899414
 target_q: -69.169921875
 total_episodes: 91
 total_steps: 18199
 total_time: 149.85699605941772


 ===== TD3 Training Step 19199 =====:
 actor_loss: 52.910438537597656
 critic_loss: 9.190454483032227
 current_q1: -54.841468811035156
 current_q2: -54.200767517089844
 episode_reward: -551.7551311953895
 frame_per_second: 121
 log_dir: Pendulum-v1
```

```
  reward: -2.3609867095947266
  target_q: -54.653656005859375
  total_episodes: 96
  total_steps: 19199
  total_time: 158.39631867408752

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 20199 =====:
  actor_loss: 66.21467590332031
  critic_loss: 16.964405059814453
  current_q1: -67.92369079589844
  current_q2: -67.85923767089844
  episode_reward: -528.5848566606309
  frame_per_second: 120
  log_dir: Pendulum-v1
  reward: -2.9355897903442383
  target_q: -69.0562973022461
  total_episodes: 101
  total_steps: 20199
  total_time: 167.17279767990112


 ===== TD3 Training Step 21199 =====:
  actor_loss: 54.020484924316406
  critic_loss: 9.578042984008789
  current_q1: -56.105960845947266
  current_q2: -55.491912841796875
  episode_reward: -472.2764855301877
  frame_per_second: 120
  log_dir: Pendulum-v1
  reward: -2.4882614612579346
  target_q: -55.515525817871094
  total_episodes: 106
  total_steps: 21199
  total_time: 175.86105394363403

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 22199 =====:
  actor_loss: 50.569000244140625
  critic_loss: 7.908542633056641
  current_q1: -52.4389533996582
  current_q2: -51.867462158203125
  episode_reward: -400.3059979487944
  frame_per_second: 120
```

```
log_dir: Pendulum-v1
reward: -2.2534146308898926
target_q: -51.80736541748047
total_episodes: 111
total_steps: 22199
total_time: 184.51884174346924


===== TD3 Training Step 23199 =====:
actor_loss: 60.455467224121094
critic_loss: 128.82626342773438
current_q1: -62.44313049316406
current_q2: -62.4992561340332
episode_reward: -336.90690835098974
frame_per_second: 120
log_dir: Pendulum-v1
reward: -2.4626073837280273
target_q: -61.715110778808594
total_episodes: 116
total_steps: 23199
total_time: 192.99308967590332

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

===== TD3 Training Step 24199 =====:
actor_loss: 56.556617736816406
critic_loss: 7.767923355102539
current_q1: -58.96113967895508
current_q2: -57.91691589355469
episode_reward: -283.99426999278364
frame_per_second: 119
log_dir: Pendulum-v1
reward: -2.601914405822754
target_q: -58.240726470947266
total_episodes: 121
total_steps: 24199
total_time: 201.77182984352112


===== TD3 Training Step 25199 =====:
actor_loss: 47.621192932128906
critic_loss: 5.813568115234375
current_q1: -49.99259948730469
current_q2: -49.160614013671875
episode_reward: -243.09189465301645
frame_per_second: 119
log_dir: Pendulum-v1
```

```
reward: -2.32930326461792
target_q: -49.83455276489258
total_episodes: 126
total_steps: 25199
total_time: 210.54537534713745
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 26199 =====:
 actor_loss: 45.01215362548828
 critic_loss: 519.291015625
 current_q1: -47.095664978027344
 current_q2: -47.6485481262207
 episode_reward: -227.36264464348574
 frame_per_second: 119
 log_dir: Pendulum-v1
 reward: -2.0898633003234863
 target_q: -46.659263610839844
 total_episodes: 131
 total_steps: 26199
 total_time: 219.12106585502625
```

```
 ===== TD3 Training Step 27199 =====:
 actor_loss: 45.171836853027344
 critic_loss: 101.93360900878906
 current_q1: -47.14580535888672
 current_q2: -46.83970260620117
 episode_reward: -225.65847302289652
 frame_per_second: 119
 log_dir: Pendulum-v1
 reward: -2.120347499847412
 target_q: -46.8800163269043
 total_episodes: 136
 total_steps: 27199
 total_time: 227.85586738586426
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 28199 =====:
 actor_loss: 37.50614929199219
 critic_loss: 3.515097141265869
 current_q1: -38.512535095214844
 current_q2: -37.84867858886719
 episode_reward: -215.6357672153607
 frame_per_second: 119
```

```
log_dir: Pendulum-v1
reward: -1.8630248308181763
target_q: -38.142311096191406
total_episodes: 141
total_steps: 28199
total_time: 236.5968701839447


 ===== TD3 Training Step 29199 =====:
 actor_loss: 50.44378662109375
 critic_loss: 12.751628875732422
 current_q1: -51.4464111328125
 current_q2: -51.57994842529297
 episode_reward: -191.87768122877284
 frame_per_second: 119
 log_dir: Pendulum-v1
 reward: -2.136841297149658
 target_q: -52.37444305419922
 total_episodes: 146
 total_steps: 29199
 total_time: 245.20383214950562

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 30199 =====:
 actor_loss: 45.25661849975586
 critic_loss: 7.515593528747559
 current_q1: -46.647369384765625
 current_q2: -47.24312973022461
 episode_reward: -174.37143055336747
 frame_per_second: 118
 log_dir: Pendulum-v1
 reward: -2.0280847549438477
 target_q: -46.64252471923828
 total_episodes: 151
 total_steps: 30199
 total_time: 253.93031692504883


 ===== TD3 Training Step 31199 =====:
 actor_loss: 40.77865219116211
 critic_loss: 8.006519317626953
 current_q1: -41.93821716308594
 current_q2: -41.452842712402344
 episode_reward: -164.201710202643
 frame_per_second: 118
 log_dir: Pendulum-v1
```

```
  reward: -1.7419928312301636
  target_q: -41.51409912109375
  total_episodes: 156
  total_steps: 31199
  total_time: 262.50696086883545

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 32199 =====:
  actor_loss: 49.35462188720703
  critic_loss: 7.483369827270508
  current_q1: -50.64384460449219
  current_q2: -51.13431930541992
  episode_reward: -162.07850401856695
  frame_per_second: 118
  log_dir: Pendulum-v1
  reward: -2.433873414993286
  target_q: -51.14540100097656
  total_episodes: 161
  total_steps: 32199
  total_time: 271.15833735466003


 ===== TD3 Training Step 33199 =====:
  actor_loss: 43.866065979003906
  critic_loss: 485.3328552246094
  current_q1: -45.56848907470703
  current_q2: -45.2396240234375
  episode_reward: -163.47979010114514
  frame_per_second: 118
  log_dir: Pendulum-v1
  reward: -1.9338594675064087
  target_q: -44.39644241333008
  total_episodes: 166
  total_steps: 33199
  total_time: 279.796822309494

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 34199 =====:
  actor_loss: 44.69874572753906
  critic_loss: 508.2884521484375
  current_q1: -46.1463623046875
  current_q2: -46.01423645019531
  episode_reward: -159.23077555057435
  frame_per_second: 118
```

```
log_dir: Pendulum-v1
reward: -2.1428616046905518
target_q: -45.000831604003906
total_episodes: 171
total_steps: 34199
total_time: 288.619793176651


===== TD3 Training Step 35199 =====:
actor_loss: 42.94312286376953
critic_loss: 6.951452732086182
current_q1: -44.316837310791016
current_q2: -44.73196029663086
episode_reward: -157.6746748257796
frame_per_second: 118
log_dir: Pendulum-v1
reward: -2.139934539794922
target_q: -44.238121032714844
total_episodes: 176
total_steps: 35199
total_time: 297.58341789245605

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

===== TD3 Training Step 36199 =====:
actor_loss: 35.376220703125
critic_loss: 450.19866943359375
current_q1: -36.70106506347656
current_q2: -36.72340393066406
episode_reward: -158.10031719757535
frame_per_second: 118
log_dir: Pendulum-v1
reward: -1.6619412899017334
target_q: -36.29438018798828
total_episodes: 181
total_steps: 36199
total_time: 306.4129476547241


===== TD3 Training Step 37199 =====:
actor_loss: 38.49760437011719
critic_loss: 8.271114349365234
current_q1: -39.47233581542969
current_q2: -39.92378234863281
episode_reward: -154.884435824267
frame_per_second: 117
log_dir: Pendulum-v1
```

```
  reward: -1.9513719081878662
  target_q: -40.312744140625
  total_episodes: 186
  total_steps: 37199
  total_time: 315.79866313934326
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 38199 =====:
  actor_loss: 38.8946647644043
  critic_loss: 7.480443954467773
  current_q1: -39.9344596862793
  current_q2: -39.92388916015625
  episode_reward: -152.884717861818
  frame_per_second: 117
  log_dir: Pendulum-v1
  reward: -1.809876561164856
  target_q: -40.506710052490234
  total_episodes: 191
  total_steps: 38199
  total_time: 325.3244857788086
```

```
 ===== TD3 Training Step 39199 =====:
  actor_loss: 38.91387939453125
  critic_loss: 4.695055961608887
  current_q1: -40.43360137939453
  current_q2: -39.959747314453125
  episode_reward: -155.50367207732936
  frame_per_second: 117
  log_dir: Pendulum-v1
  reward: -1.864425539970398
  target_q: -40.537574768066406
  total_episodes: 196
  total_steps: 39199
  total_time: 333.9479718208313
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 40199 =====:
  actor_loss: 39.0269660949707
  critic_loss: 149.00942993164062
  current_q1: -40.06188201904297
  current_q2: -40.54127883911133
  episode_reward: -155.50541856987505
  frame_per_second: 117
```

```
log_dir: Pendulum-v1
reward: -1.9854426383972168
target_q: -39.73417663574219
total_episodes: 201
total_steps: 40199
total_time: 342.7097735404968


 ===== TD3 Training Step 41199 =====:
 actor_loss: 37.51475524902344
 critic_loss: 4.588404655456543
 current_q1: -38.918983459472656
 current_q2: -38.76258087158203
 episode_reward: -155.9541765685227
 frame_per_second: 117
 log_dir: Pendulum-v1
 reward: -1.4860832691192627
 target_q: -38.87456130981445
 total_episodes: 206
 total_steps: 41199
 total_time: 351.45157504081726

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

 ===== TD3 Training Step 42199 =====:
 actor_loss: 40.06206512451172
 critic_loss: 10.067621231079102
 current_q1: -40.547019958496094
 current_q2: -41.05128479003906
 episode_reward: -157.12244332436575
 frame_per_second: 117
 log_dir: Pendulum-v1
 reward: -1.6987394094467163
 target_q: -41.132694244384766
 total_episodes: 211
 total_steps: 42199
 total_time: 360.1169786453247


 ===== TD3 Training Step 43199 =====:
 actor_loss: 41.99191665649414
 critic_loss: 4.37937593460083
 current_q1: -42.92167663574219
 current_q2: -42.8848991394043
 episode_reward: -154.78471905023216
 frame_per_second: 117
 log_dir: Pendulum-v1
```

```
  reward: -1.8504401445388794
  target_q: -43.126686096191406
  total_episodes: 216
  total_steps: 43199
  total_time: 368.58620977401733
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 44199 =====:
  actor_loss: 42.78792953491211
  critic_loss: 416.9156494140625
  current_q1: -43.920188903808594
  current_q2: -43.988121032714844
  episode_reward: -149.6411706252892
  frame_per_second: 117
  log_dir: Pendulum-v1
  reward: -1.6683419942855835
  target_q: -43.08055114746094
  total_episodes: 221
  total_steps: 44199
  total_time: 377.16226077079773
```

```
 ===== TD3 Training Step 45199 =====:
  actor_loss: 36.03661346435547
  critic_loss: 394.1048278808594
  current_q1: -36.7484016418457
  current_q2: -36.83644104003906
  episode_reward: -155.186156240854
  frame_per_second: 117
  log_dir: Pendulum-v1
  reward: -1.3060568571090698
  target_q: -35.86083984375
  total_episodes: 226
  total_steps: 45199
  total_time: 385.8190104961395
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```
 ===== TD3 Training Step 46199 =====:
  actor_loss: 32.37377166748047
  critic_loss: 6.068825721740723
  current_q1: -33.845821380615234
  current_q2: -34.39576721191406
  episode_reward: -154.0687324384602
  frame_per_second: 117
```

```
log_dir: Pendulum-v1
reward: -1.5092495679855347
target_q: -34.56093978881836
total_episodes: 231
total_steps: 46199
total_time: 394.59385085105896


===== TD3 Training Step 47199 =====:
actor_loss: 30.204402923583984
critic_loss: 3.265636444091797
current_q1: -30.890546798706055
current_q2: -30.900684356689453
episode_reward: -154.28000941092088
frame_per_second: 117
log_dir: Pendulum-v1
reward: -1.6566507816314697
target_q: -30.78105354309082
total_episodes: 236
total_steps: 47199
total_time: 403.08584928512573

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

===== TD3 Training Step 48199 =====:
actor_loss: 28.53179168701172
critic_loss: 3.673953056335449
current_q1: -29.515039443969727
current_q2: -29.711669921875
episode_reward: -151.51180154718924
frame_per_second: 117
log_dir: Pendulum-v1
reward: -1.3368892669677734
target_q: -29.472522735595703
total_episodes: 241
total_steps: 48199
total_time: 411.6668288707733


===== TD3 Training Step 49199 =====:
actor_loss: 39.15369415283203
critic_loss: 4.222097873687744
current_q1: -40.068214416503906
current_q2: -40.03590393066406
episode_reward: -154.31558266532323
frame_per_second: 117
log_dir: Pendulum-v1
```

```
reward: -1.4963083267211914
target_q: -39.948760986328125
total_episodes: 246
total_steps: 49199
total_time: 419.9734902381897
```

Trainer is saved at <Pendulum-v1\td3>. Progress is saved at
<Pendulum-v1\td3\progress.csv>.

```python
[6]: import pandas as pd
     import matplotlib.pyplot as plt
     import seaborn as sns

     progress = pd.read_csv("Pendulum-v1/td3/progress.csv")
     plt.figure(dpi=300)
     sns.set("notebook", "darkgrid")
     ax = sns.lineplot(
         data=progress,
         x="total_steps",
         y="episode_reward"
     )
     ax.set_title("TD3 agent in Pendulum-v1")
     ax.set_ylabel("Episode Reward Mean")
     ax.set_xlabel("Sampled Steps")

     # TODO: You should remove this line in your code.
     # ax.annotate("REFERENCE", (0, -500), size=50, alpha=0.05)

     ax.ticklabel_format(style='sci', scilimits=(0,0), axis='x')

     plt.savefig('pendulum-td3.png', format='png', dpi=300, bbox_inches="tight")
```

TD3 agent in Pendulum-v1
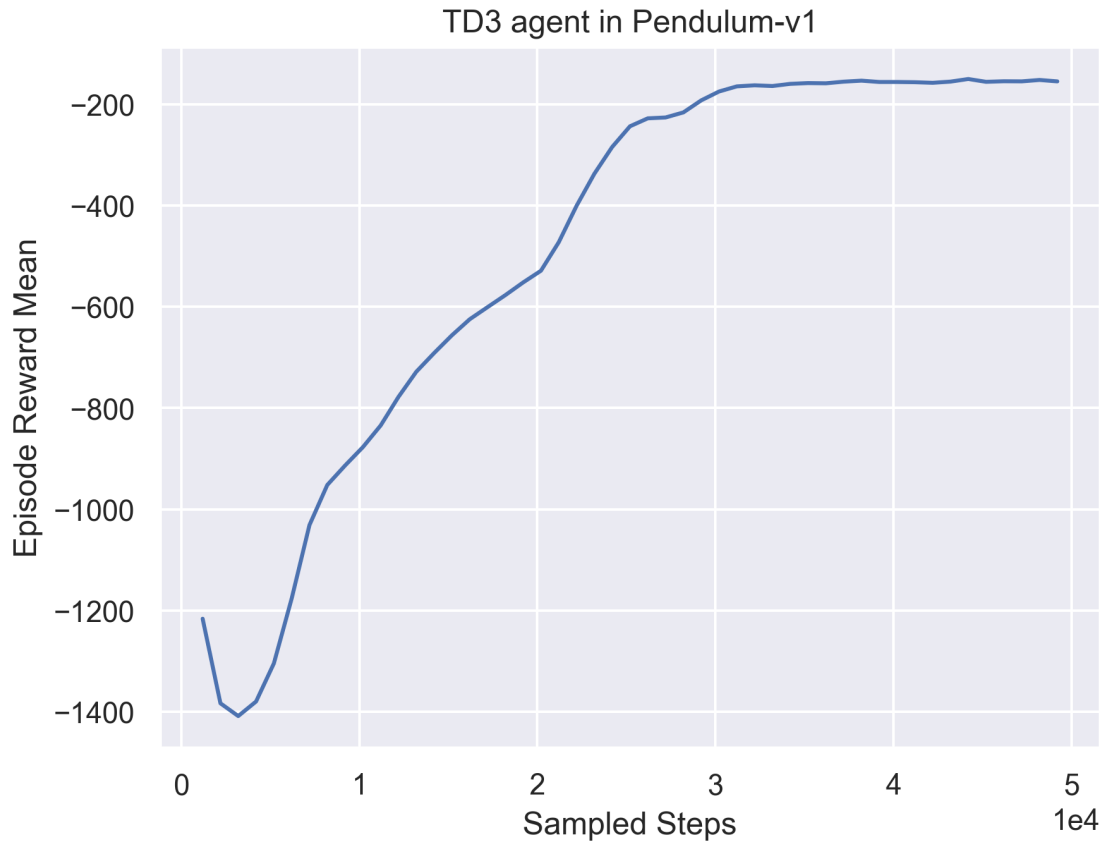
1.3.2 Demo 2.2: Train TD3 agent in MetaDrive-Tut-Hard-v0

```
[7]: !python train_td3.py \
     --env-id MetaDrive-Tut-Hard-v0 \
     --log-dir MetaDrive-Tut-Hard-v0 \
     --max-steps 100_000
```

c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core

[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20

Training Step: 0%| | 0/100000 [00:00<?, ?it/s]
Training Step: 0%| | 26/100000 [00:00<06:36, 252.43it/s]

```
Training Step:    0%|              | 54/100000 [00:00<06:14, 266.72it/s]
Training Step:    0%|              | 82/100000 [00:00<06:09, 270.39it/s]
Training Step:    0%|              | 112/100000 [00:00<05:58, 278.78it/s]
Training Step:    0%|              | 140/100000 [00:00<06:38, 250.46it/s]
Training Step:    0%|              | 172/100000 [00:00<06:09, 269.81it/s]
Training Step:    0%|              | 205/100000 [00:00<05:46, 287.61it/s]
Training Step:    0%|              | 239/100000 [00:00<05:30, 302.23it/s]
Training Step:    0%|              | 272/100000 [00:00<05:21, 310.05it/s]
Training Step:    0%|              | 305/100000 [00:01<05:17, 314.37it/s]
Training Step:    0%|              | 338/100000 [00:01<05:12, 319.05it/s]
Training Step:    0%|              | 373/100000 [00:01<05:06, 324.75it/s]
Training Step:    0%|              | 407/100000 [00:01<05:02, 328.78it/s]
Training Step:    0%|              | 442/100000 [00:01<04:58, 333.65it/s]
Training Step:    0%|              | 476/100000 [00:01<04:59, 332.04it/s]
Training Step:    1%|              | 510/100000 [00:01<05:00, 331.02it/s]
Training Step:    1%|              | 544/100000 [00:01<04:58, 332.89it/s]
Training Step:    1%|              | 578/100000 [00:01<05:12, 318.15it/s]
Training Step:    1%|              | 610/100000 [00:02<05:40, 292.08it/s]
Training Step:    1%|              | 640/100000 [00:02<06:05, 271.96it/s]
Training Step:    1%|              | 668/100000 [00:02<06:22, 259.54it/s]
Training Step:    1%|              | 695/100000 [00:02<06:41, 247.39it/s]
Training Step:    1%|              | 721/100000 [00:02<07:01, 235.47it/s]
Training Step:    1%|              | 745/100000 [00:02<07:31, 219.83it/s]
Training Step:    1%|              | 769/100000 [00:02<07:26, 222.49it/s]
Training Step:    1%|              | 792/100000 [00:02<07:23, 223.88it/s]
Training Step:    1%|              | 815/100000 [00:02<07:22, 224.30it/s]
Training Step:    1%|              | 839/100000 [00:03<07:18, 226.39it/s]
Training Step:    1%|              | 862/100000 [00:03<07:24, 222.93it/s]
Training Step:    1%|              | 885/100000 [00:03<07:24, 222.78it/s]
Training Step:    1%|              | 908/100000 [00:03<07:36, 216.97it/s]
Training Step:    1%|              | 931/100000 [00:03<07:29, 220.59it/s]
Training Step:    1%|              | 957/100000 [00:03<07:10, 229.88it/s]
Training Step:    1%|              | 987/100000 [00:03<06:36,
249.42it/s][INFO] Episode ended! Scenario Index: 1005 Reason: max step


Training Step:    1%|              | 1013/100000 [00:04<11:37, 141.96it/s]
Training Step:    1%|              | 1051/100000 [00:04<08:48, 187.05it/s]
Training Step:    1%|              | 1090/100000 [00:04<07:10, 229.95it/s]
Training Step:    1%|              | 1130/100000 [00:04<06:08, 268.64it/s]
Training Step:    1%|              | 1168/100000 [00:04<05:33, 296.30it/s]
Training Step:    1%|              | 1207/100000 [00:04<05:08, 319.83it/s]
Training Step:    1%|              | 1247/100000 [00:04<04:49, 340.81it/s]
Training Step:    1%|              | 1285/100000 [00:04<04:40, 351.70it/s]
Training Step:    1%|              | 1325/100000 [00:04<04:30, 364.55it/s]
Training Step:    1%|              | 1363/100000 [00:04<04:28, 367.65it/s]
Training Step:    1%|              | 1403/100000 [00:05<04:23, 373.78it/s]
Training Step:    1%|              | 1443/100000 [00:05<04:19, 379.89it/s]
```

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Training Step:    1%|           | 1482/100000 [00:05<04:18, 380.83it/s]
Training Step:    2%|           | 1522/100000 [00:05<04:15, 385.12it/s]
Training Step:    2%|           | 1561/100000 [00:05<04:16, 384.49it/s]
Training Step:    2%|           | 1600/100000 [00:05<04:21, 375.73it/s]
Training Step:    2%|           | 1639/100000 [00:05<04:19, 378.34it/s]
Training Step:    2%|           | 1678/100000 [00:05<04:17, 381.13it/s]
Training Step:    2%|           | 1717/100000 [00:05<04:20, 377.99it/s]
Training Step:    2%|           | 1757/100000 [00:05<04:16, 383.45it/s]
Training Step:    2%|           | 1796/100000 [00:06<04:16, 382.80it/s]
Training Step:    2%|           | 1835/100000 [00:06<04:15, 384.66it/s]
Training Step:    2%|           | 1874/100000 [00:06<04:15, 384.54it/s]
Training Step:    2%|           | 1913/100000 [00:06<04:58, 328.37it/s]
Training Step:    2%|           | 1948/100000 [00:06<05:38, 289.86it/s]
Training Step:    2%|           | 1979/100000 [00:06<06:18,
258.70it/s][INFO] Episode ended! Scenario Index: 1006 Reason: max step


Training Step:    2%|           | 2007/100000 [00:07<10:29, 155.73it/s]
Training Step:    2%|           | 2051/100000 [00:07<08:02, 202.96it/s]
Training Step:    2%|           | 2094/100000 [00:07<06:38, 245.60it/s]
Training Step:    2%|           | 2139/100000 [00:07<05:39, 288.22it/s]
Training Step:    2%|           | 2178/100000 [00:07<05:14, 311.29it/s]
Training Step:    2%|           | 2217/100000 [00:07<04:58, 327.83it/s]
Training Step:    2%|           | 2259/100000 [00:07<04:39, 349.90it/s]
Training Step:    2%|           | 2302/100000 [00:07<04:23, 370.47it/s]
Training Step:    2%|           | 2346/100000 [00:07<04:11, 388.21it/s]
Training Step:    2%|           | 2390/100000 [00:08<04:02, 402.22it/s]
Training Step:    2%|           | 2432/100000 [00:08<03:59, 407.02it/s]
Training Step:    2%|           | 2474/100000 [00:08<04:05, 397.37it/s]
Training Step:    3%|           | 2515/100000 [00:08<04:10, 389.35it/s]
Training Step:    3%|           | 2555/100000 [00:08<04:19, 375.87it/s]
Training Step:    3%|           | 2596/100000 [00:08<04:12, 385.23it/s]
Training Step:    3%|           | 2636/100000 [00:08<04:11, 386.70it/s]
Training Step:    3%|           | 2675/100000 [00:08<04:17, 377.46it/s]
Training Step:    3%|           | 2713/100000 [00:08<04:23, 369.31it/s]
Training Step:    3%|           | 2751/100000 [00:09<04:31, 358.31it/s]
Training Step:    3%|           | 2787/100000 [00:09<04:38, 349.47it/s]
Training Step:    3%|           | 2829/100000 [00:09<04:23, 368.77it/s]
Training Step:    3%|           | 2873/100000 [00:09<04:09, 389.13it/s]
Training Step:    3%|           | 2918/100000 [00:09<03:59, 405.01it/s]
Training Step:    3%|           | 2959/100000 [00:09<04:04,
396.93it/s][INFO] Episode ended! Scenario Index: 1019 Reason: max step


Training Step:    3%|           | 3000/100000 [00:09<07:27, 216.72it/s]
Training Step:    3%|           | 3037/100000 [00:10<06:37, 244.03it/s]
Training Step:    3%|           | 3075/100000 [00:10<05:56, 271.90it/s]
Training Step:    3%|           | 3113/100000 [00:10<05:27, 295.80it/s]
```

```
Training Step:    3%|              | 3151/100000 [00:10<05:06, 315.60it/s]
Training Step:    3%|              | 3190/100000 [00:10<04:49, 334.30it/s]
Training Step:    3%|              | 3227/100000 [00:10<04:41, 343.71it/s]
Training Step:    3%|              | 3265/100000 [00:10<04:34, 352.90it/s]
Training Step:    3%|              | 3303/100000 [00:10<04:30, 357.39it/s]
Training Step:    3%|              | 3341/100000 [00:10<04:28, 359.84it/s]
Training Step:    3%|              | 3379/100000 [00:10<04:25, 363.83it/s]
Training Step:    3%|              | 3417/100000 [00:11<04:25, 363.53it/s]
Training Step:    3%|              | 3456/100000 [00:11<04:21, 369.70it/s]
Training Step:    3%|              | 3495/100000 [00:11<04:17, 374.30it/s]
Training Step:    4%|              | 3534/100000 [00:11<04:15, 376.98it/s]
Training Step:    4%|              | 3572/100000 [00:11<04:27, 360.34it/s]
Training Step:    4%|              | 3609/100000 [00:11<04:48, 333.64it/s]
Training Step:    4%|              | 3643/100000 [00:11<04:56, 324.59it/s]
Training Step:    4%|              | 3676/100000 [00:11<05:00, 320.40it/s]
Training Step:    4%|              | 3715/100000 [00:11<04:45, 337.62it/s]
Training Step:    4%|              | 3756/100000 [00:12<04:30, 355.33it/s]
Training Step:    4%|              | 3792/100000 [00:12<04:37, 346.90it/s]
Training Step:    4%|              | 3831/100000 [00:12<04:29, 357.38it/s]
Training Step:    4%|              | 3871/100000 [00:12<04:21,
367.77it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:    4%|              | 3908/100000 [00:12<08:39, 185.14it/s]
Training Step:    4%|              | 3949/100000 [00:12<07:09, 223.53it/s]
Training Step:    4%|              | 3995/100000 [00:13<05:56, 269.61it/s]
Training Step:    4%|              | 4038/100000 [00:13<05:15, 303.88it/s]
Training Step:    4%|              | 4082/100000 [00:13<04:45, 335.93it/s]
Training Step:    4%|              | 4129/100000 [00:13<04:19, 368.95it/s]
Training Step:    4%|              | 4172/100000 [00:13<04:09, 384.54it/s]
Training Step:    4%|              | 4216/100000 [00:13<03:59, 399.64it/s]
Training Step:    4%|              | 4263/100000 [00:13<03:48, 418.20it/s]
Training Step:    4%|              | 4309/100000 [00:13<03:43, 428.81it/s]
Training Step:    4%|              | 4354/100000 [00:13<03:41, 432.54it/s]
Training Step:    4%|              | 4399/100000 [00:13<03:42, 430.05it/s]
Training Step:    4%|              | 4444/100000 [00:14<03:39, 434.64it/s]
Training Step:    4%|              | 4489/100000 [00:14<03:37, 438.71it/s]
Training Step:    5%|              | 4534/100000 [00:14<04:54, 323.69it/s]
Training Step:    5%|              | 4571/100000 [00:14<05:43, 278.09it/s]
Training Step:    5%|              | 4603/100000 [00:14<06:09, 258.32it/s]
Training Step:    5%|              | 4632/100000 [00:14<06:21, 250.17it/s]
Training Step:    5%|              | 4659/100000 [00:14<06:29, 245.03it/s]
Training Step:    5%|              | 4685/100000 [00:15<06:41, 237.11it/s]
Training Step:    5%|              | 4710/100000 [00:15<06:57, 228.46it/s]
Training Step:    5%|              | 4734/100000 [00:15<06:54, 229.60it/s]
Training Step:    5%|              | 4763/100000 [00:15<06:31, 242.97it/s]
Training Step:    5%|              | 4791/100000 [00:15<06:17, 252.40it/s]
Training Step:    5%|              | 4821/100000 [00:15<05:58, 265.58it/s]
```

```
Training Step:    5%|              | 4857/100000 [00:15<05:26,
291.41it/s][INFO] Episode ended! Scenario Index: 1017 Reason: max step


Training Step:    5%|              | 4887/100000 [00:15<05:33, 285.43it/s]
Training Step:    5%|              | 4931/100000 [00:15<04:48, 329.46it/s]
Training Step:    5%|              | 4976/100000 [00:15<04:22, 362.23it/s]
Training Step:    5%|              | 5019/100000 [00:16<04:09, 380.68it/s]
Training Step:    5%|              | 5064/100000 [00:16<03:57, 399.21it/s]
Training Step:    5%|              | 5109/100000 [00:16<03:50, 410.83it/s]
Training Step:    5%|              | 5151/100000 [00:16<03:57, 399.41it/s]
Training Step:    5%|              | 5192/100000 [00:16<04:15, 370.81it/s]
Training Step:    5%|              | 5230/100000 [00:16<04:18, 366.56it/s]
Training Step:    5%|              | 5267/100000 [00:16<04:21, 362.01it/s]
Training Step:    5%|              | 5312/100000 [00:16<04:06, 384.59it/s]
Training Step:    5%|              | 5357/100000 [00:16<03:54, 403.04it/s]
Training Step:    5%|              | 5403/100000 [00:17<03:48, 414.34it/s]
Training Step:    5%|              | 5445/100000 [00:17<03:49, 412.87it/s]
Training Step:    5%|              | 5490/100000 [00:17<03:44, 421.33it/s]
Training Step:    6%|              | 5534/100000 [00:17<03:42, 425.41it/s]
Training Step:    6%|              | 5579/100000 [00:17<03:38,
431.33it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:    6%|              | 5623/100000 [00:17<07:09, 219.96it/s]
Training Step:    6%|              | 5661/100000 [00:17<06:21, 247.41it/s]
Training Step:    6%|              | 5699/100000 [00:18<05:45, 272.64it/s]
Training Step:    6%|              | 5735/100000 [00:18<05:28, 287.23it/s]
Training Step:    6%|              | 5773/100000 [00:18<05:06, 307.56it/s]
Training Step:    6%|              | 5809/100000 [00:18<04:55, 318.79it/s]
Training Step:    6%|              | 5846/100000 [00:18<04:43, 332.21it/s]
Training Step:    6%|              | 5885/100000 [00:18<04:31, 346.31it/s]
Training Step:    6%|              | 5922/100000 [00:18<04:30, 347.35it/s]
Training Step:    6%|              | 5959/100000 [00:18<04:28, 350.80it/s]
Training Step:    6%|              | 5996/100000 [00:18<04:27, 351.96it/s]
Training Step:    6%|              | 6032/100000 [00:19<04:41, 334.06it/s]
Training Step:    6%|              | 6070/100000 [00:19<04:31, 345.54it/s]
Training Step:    6%|              | 6107/100000 [00:19<04:27, 351.15it/s]
Training Step:    6%|              | 6144/100000 [00:19<04:23, 355.59it/s]
Training Step:    6%|              | 6181/100000 [00:19<04:21, 359.08it/s]
Training Step:    6%|              | 6219/100000 [00:19<04:17, 364.15it/s]
Training Step:    6%|              | 6257/100000 [00:19<04:14, 368.03it/s]
Training Step:    6%|              | 6294/100000 [00:19<04:16, 365.31it/s]
Training Step:    6%|              | 6332/100000 [00:19<04:14, 368.11it/s]
Training Step:    6%|              | 6369/100000 [00:19<04:25, 352.20it/s]
Training Step:    6%|              | 6405/100000 [00:20<04:45, 328.32it/s]
Training Step:    6%|              | 6439/100000 [00:20<05:19, 292.96it/s]
Training Step:    6%|              | 6470/100000 [00:20<05:47, 269.34it/s]
```

```
Training Step:    6%|              | 6498/100000 [00:20<05:58, 261.02it/s]
Training Step:    7%|              | 6533/100000 [00:20<05:30, 282.81it/s]
Training Step:    7%|              | 6574/100000 [00:20<04:56,
315.35it/s][INFO] Episode ended! Scenario Index: 1016 Reason: max step


Training Step:    7%|              | 6607/100000 [00:21<09:09, 169.96it/s]
Training Step:    7%|              | 6640/100000 [00:21<07:52, 197.39it/s]
Training Step:    7%|              | 6672/100000 [00:21<07:02, 220.97it/s]
Training Step:    7%|              | 6706/100000 [00:21<06:19, 245.83it/s]
Training Step:    7%|              | 6740/100000 [00:21<05:47, 268.15it/s]
Training Step:    7%|              | 6773/100000 [00:21<05:30, 281.98it/s]
Training Step:    7%|              | 6806/100000 [00:21<05:17, 293.20it/s]
Training Step:    7%|              | 6839/100000 [00:21<05:07, 302.48it/s]
Training Step:    7%|              | 6873/100000 [00:21<04:58, 311.50it/s]
Training Step:    7%|              | 6906/100000 [00:22<04:54, 315.94it/s]
Training Step:    7%|              | 6940/100000 [00:22<04:51, 319.30it/s]
Training Step:    7%|              | 6974/100000 [00:22<04:48, 322.99it/s]
Training Step:    7%|              | 7008/100000 [00:22<04:44, 326.75it/s]
Training Step:    7%|              | 7042/100000 [00:22<04:42, 328.81it/s]
Training Step:    7%|              | 7076/100000 [00:22<04:42, 328.53it/s]
Training Step:    7%|              | 7110/100000 [00:22<04:44, 326.17it/s]
Training Step:    7%|              | 7143/100000 [00:22<04:51, 318.51it/s]
Training Step:    7%|              | 7176/100000 [00:22<04:49, 320.82it/s]
Training Step:    7%|              | 7209/100000 [00:22<04:50, 319.92it/s]
Training Step:    7%|              | 7242/100000 [00:23<04:53, 316.37it/s]
Training Step:    7%|              | 7274/100000 [00:23<04:54, 314.58it/s]
Training Step:    7%|              | 7307/100000 [00:23<04:52, 316.79it/s]
Training Step:    7%|              | 7339/100000 [00:23<05:00, 307.87it/s]
Training Step:    7%|              | 7370/100000 [00:23<06:17, 245.15it/s]
Training Step:    7%|              | 7397/100000 [00:23<07:11, 214.45it/s]
Training Step:    7%|              | 7421/100000 [00:23<07:51, 196.33it/s]
Training Step:    7%|              | 7443/100000 [00:24<07:56, 194.11it/s]
Training Step:    7%|              | 7464/100000 [00:24<08:04, 191.07it/s]
Training Step:    7%|              | 7484/100000 [00:24<08:15, 186.58it/s]
Training Step:    8%|              | 7504/100000 [00:24<08:25, 182.94it/s]
Training Step:    8%|              | 7523/100000 [00:24<08:34, 179.70it/s]
Training Step:    8%|              | 7542/100000 [00:24<08:33, 180.13it/s]
Training Step:    8%|              | 7561/100000 [00:24<09:12, 167.18it/s]
Training Step:    8%|              | 7580/100000 [00:24<08:58,
171.51it/s][INFO] Episode ended! Scenario Index: 1015 Reason: max step


Training Step:    8%|              | 7598/100000 [00:24<09:00, 170.91it/s]
Training Step:    8%|              | 7640/100000 [00:25<06:26, 239.03it/s]
Training Step:    8%|              | 7685/100000 [00:25<05:10, 297.44it/s]
Training Step:    8%|              | 7730/100000 [00:25<04:32, 338.95it/s]
Training Step:    8%|              | 7774/100000 [00:25<04:11, 366.90it/s]
```

```
Training Step:   8%|            | 7819/100000 [00:25<03:56, 389.05it/s]
Training Step:   8%|            | 7862/100000 [00:25<03:50, 400.40it/s]
Training Step:   8%|            | 7907/100000 [00:25<03:42, 414.35it/s]
Training Step:   8%|            | 7952/100000 [00:25<03:37, 423.31it/s]
Training Step:   8%|            | 7995/100000 [00:25<03:36, 425.29it/s]
Training Step:   8%|            | 8038/100000 [00:25<03:42, 412.63it/s]
Training Step:   8%|            | 8081/100000 [00:26<03:41, 415.29it/s]
Training Step:   8%|            | 8125/100000 [00:26<03:38, 420.25it/s]
Training Step:   8%|            | 8169/100000 [00:26<03:36, 424.52it/s]
Training Step:   8%|            | 8213/100000 [00:26<03:34, 427.81it/s]
Training Step:   8%|            | 8256/100000 [00:26<04:09, 367.32it/s]
Training Step:   8%|            | 8295/100000 [00:26<05:06, 298.94it/s]
Training Step:   8%|            | 8328/100000 [00:26<05:42, 268.03it/s]
Training Step:   8%|            | 8358/100000 [00:27<06:10, 247.17it/s]
Training Step:   8%|            | 8385/100000 [00:27<06:32, 233.45it/s]
Training Step:   8%|            | 8410/100000 [00:27<06:54, 220.84it/s]
Training Step:   8%|            | 8433/100000 [00:27<07:00, 217.65it/s]
Training Step:   8%|            | 8456/100000 [00:27<07:02, 216.54it/s]
Training Step:   8%|            | 8482/100000 [00:27<06:42, 227.20it/s]
Training Step:   9%|            | 8507/100000 [00:27<06:32, 233.12it/s]
Training Step:   9%|            | 8537/100000 [00:27<06:03, 251.45it/s]
Training Step:   9%|            | 8569/100000 [00:27<05:37,
270.80it/s][INFO] Episode ended! Scenario Index: 1017 Reason: max step


Training Step:   9%|            | 8597/100000 [00:28<05:43, 266.07it/s]
Training Step:   9%|            | 8643/100000 [00:28<04:45, 320.54it/s]
Training Step:   9%|            | 8686/100000 [00:28<04:19, 351.76it/s]
Training Step:   9%|            | 8731/100000 [00:28<04:01, 378.44it/s]
Training Step:   9%|            | 8773/100000 [00:28<03:53, 390.41it/s]
Training Step:   9%|            | 8818/100000 [00:28<03:43, 407.57it/s]
Training Step:   9%|            | 8863/100000 [00:28<03:37, 419.76it/s]
Training Step:   9%|            | 8907/100000 [00:28<03:34, 424.41it/s]
Training Step:   9%|            | 8951/100000 [00:28<03:32, 427.54it/s]
Training Step:   9%|            | 8994/100000 [00:28<03:33, 426.09it/s]
Training Step:   9%|            | 9038/100000 [00:29<03:31, 430.18it/s]
Training Step:   9%|            | 9082/100000 [00:29<03:30, 432.25it/s]
Training Step:   9%|            | 9126/100000 [00:29<03:31, 430.08it/s]
Training Step:   9%|            | 9170/100000 [00:29<04:29, 337.31it/s]
Training Step:   9%|            | 9207/100000 [00:29<05:15, 287.74it/s]
Training Step:   9%|            | 9239/100000 [00:29<05:49, 259.54it/s]
Training Step:   9%|            | 9268/100000 [00:29<06:00, 251.51it/s]
Training Step:   9%|            | 9295/100000 [00:30<06:13, 242.56it/s]
Training Step:   9%|            | 9321/100000 [00:30<06:25, 235.37it/s]
Training Step:   9%|            | 9346/100000 [00:30<06:37, 227.87it/s]
Training Step:   9%|            | 9370/100000 [00:30<06:33, 230.47it/s]
Training Step:   9%|            | 9398/100000 [00:30<06:14, 242.19it/s]
Training Step:   9%|            | 9425/100000 [00:30<06:03, 249.08it/s]
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Training Step:    9%|          | 9457/100000 [00:30<05:39, 267.00it/s]
Training Step:    9%|          | 9494/100000 [00:30<05:06, 295.71it/s]
Training Step:   10%|          | 9544/100000 [00:30<04:16,
352.53it/s][INFO] Episode ended! Scenario Index: 1017 Reason: max step


Training Step:   10%|          | 9583/100000 [00:31<07:28, 201.79it/s]
Training Step:   10%|          | 9619/100000 [00:31<06:31, 230.97it/s]
Training Step:   10%|          | 9656/100000 [00:31<05:47, 259.71it/s]
Training Step:   10%|          | 9693/100000 [00:31<05:16, 285.04it/s]
Training Step:   10%|          | 9728/100000 [00:31<05:00, 300.46it/s]
Training Step:   10%|          | 9763/100000 [00:31<04:48, 313.20it/s]
Training Step:   10%|          | 9798/100000 [00:31<04:39, 322.97it/s]
Training Step:   10%|          | 9833/100000 [00:31<04:33, 329.15it/s]
Training Step:   10%|          | 9869/100000 [00:32<04:28, 335.93it/s]
Training Step:   10%|          | 9904/100000 [00:32<04:27, 337.10it/s]
Training Step:   10%|          | 9940/100000 [00:32<04:23, 342.30it/s]
Training Step:   10%|          | 9976/100000 [00:32<04:19, 346.67it/s]
Training Step:   10%|          | 10012/100000 [00:32<08:41, 172.69it/s]
Training Step:   10%|          | 10039/100000 [00:33<12:03,
124.38it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.


Training Step:   10%|          | 10060/100000 [00:34<23:53, 62.75it/s]
Training Step:   10%|          | 10076/100000 [00:34<23:04, 64.94it/s]
Training Step:   10%|          | 10089/100000 [00:34<22:58,
65.21it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.


Training Step:   10%|          | 10101/100000 [00:34<24:04, 62.25it/s]
Training Step:   10%|          | 10111/100000 [00:34<23:04, 64.92it/s]
Training Step:   10%|          | 10120/100000 [00:35<22:38,
66.18it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.


Training Step:   10%|          | 10129/100000 [00:35<24:23,
61.40it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.


Training Step:   10%|          | 10137/100000 [00:35<25:28, 58.81it/s]
Training Step:   10%|          | 10146/100000 [00:35<23:52, 62.70it/s]
Training Step:   10%|          | 10154/100000 [00:35<23:09,
64.65it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.


Training Step:   10%|          | 10162/100000 [00:35<33:37,
44.54it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
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out_of_road.

Training Step:   10%|            | 10168/100000 [00:36<34:19, 43.63it/s]
Training Step:   10%|            | 10176/100000 [00:36<29:54, 50.06it/s]
Training Step:   10%|            | 10184/100000 [00:36<26:55,
55.59it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   10%|            | 10191/100000 [00:36<29:07,
51.40it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:   10%|            | 10197/100000 [00:36<33:04,
45.26it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:   10%|            | 10204/100000 [00:36<33:57, 44.06it/s]
Training Step:   10%|            | 10212/100000 [00:36<29:38, 50.50it/s]
Training Step:   10%|            | 10220/100000 [00:37<26:53,
55.65it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   10%|            | 10227/100000 [00:37<49:47, 30.05it/s]
Training Step:   10%|            | 10234/100000 [00:37<41:49, 35.77it/s]
Training Step:   10%|            | 10241/100000 [00:37<36:02, 41.50it/s]
Training Step:   10%|            | 10248/100000 [00:37<32:40,
45.78it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:   10%|            | 10254/100000 [00:38<36:13,
41.28it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:   10%|            | 10260/100000 [00:38<52:36, 28.43it/s]
Training Step:   10%|            | 10267/100000 [00:38<43:15, 34.57it/s]
Training Step:   10%|            | 10274/100000 [00:38<37:07,
40.29it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   10%|            | 10280/100000 [00:38<38:45, 38.57it/s]
Training Step:   10%|            | 10287/100000 [00:38<34:01, 43.93it/s]
Training Step:   10%|            | 10294/100000 [00:39<31:17,
47.77it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   10%|            | 10300/100000 [00:39<34:36,
43.19it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.
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Training Step:  10%|            | 10306/100000 [00:39<36:42, 40.73it/s]
Training Step:  10%|            | 10313/100000 [00:39<32:36,
45.83it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  10%|            | 10318/100000 [00:39<57:45,
25.88it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  10%|            | 10324/100000 [00:40<51:37, 28.95it/s]
Training Step:  10%|            | 10331/100000 [00:40<41:36, 35.92it/s]
Training Step:  10%|            | 10338/100000 [00:40<36:15,
41.21it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  10%|            | 10344/100000 [00:40<36:47, 40.62it/s]
Training Step:  10%|            | 10351/100000 [00:40<32:23,
46.13it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  10%|            | 10357/100000 [00:40<33:05,
45.16it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  10%|            | 10362/100000 [00:40<36:15, 41.19it/s]
Training Step:  10%|            | 10369/100000 [00:40<31:50, 46.91it/s]
Training Step:  10%|            | 10376/100000 [00:41<29:45, 50.20it/s]
Training Step:  10%|            | 10383/100000 [00:41<27:26,
54.44it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  10%|            | 10389/100000 [00:41<54:37, 27.34it/s]
Training Step:  10%|            | 10397/100000 [00:41<42:40, 34.99it/s]
Training Step:  10%|            | 10404/100000 [00:41<36:36, 40.79it/s]
Training Step:  10%|            | 10411/100000 [00:42<32:28, 45.97it/s]
Training Step:  10%|            | 10417/100000 [00:42<31:31, 47.36it/s]
Training Step:  10%|            | 10423/100000 [00:42<31:28,
47.43it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  10%|            | 10429/100000 [00:42<36:22, 41.04it/s]
Training Step:  10%|            | 10436/100000 [00:42<32:26, 46.02it/s]
Training Step:  10%|            | 10443/100000 [00:42<29:28, 50.64it/s]
Training Step:  10%|            | 10450/100000 [00:42<28:00,
53.30it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.
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Training Step:  10%|                | 10456/100000 [00:43<50:25, 29.60it/s]
Training Step:  10%|                | 10464/100000 [00:43<40:09, 37.16it/s]
Training Step:  10%|                | 10472/100000 [00:43<33:41,
44.29it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  10%|                | 10478/100000 [00:43<33:14, 44.89it/s]
Training Step:  10%|                | 10486/100000 [00:43<29:11, 51.12it/s]
Training Step:  10%|                | 10494/100000 [00:43<26:34, 56.14it/s]
Training Step:  11%|                | 10502/100000 [00:43<24:39,
60.50it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  11%|                | 10509/100000 [00:44<28:02, 53.19it/s]
Training Step:  11%|                | 10516/100000 [00:44<26:42,
55.82it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  11%|                | 10524/100000 [00:44<29:56, 49.81it/s]
Training Step:  11%|                | 10531/100000 [00:44<27:59, 53.27it/s]
Training Step:  11%|                | 10538/100000 [00:44<26:43, 55.78it/s]
Training Step:  11%|                | 10545/100000 [00:44<25:12,
59.16it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  11%|                | 10552/100000 [00:45<39:12, 38.02it/s]
Training Step:  11%|                | 10560/100000 [00:45<33:06, 45.02it/s]
Training Step:  11%|                | 10567/100000 [00:45<29:53, 49.85it/s]
Training Step:  11%|                | 10574/100000 [00:45<27:30,
54.17it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  11%|                | 10581/100000 [00:45<51:43, 28.81it/s]
Training Step:  11%|                | 10589/100000 [00:46<41:26, 35.95it/s]
Training Step:  11%|                | 10596/100000 [00:46<36:16, 41.07it/s]
Training Step:  11%|                | 10603/100000 [00:46<31:56,
46.66it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  11%|                | 10610/100000 [00:46<33:52, 43.98it/s]
Training Step:  11%|                | 10617/100000 [00:46<30:16, 49.22it/s]
Training Step:  11%|                | 10624/100000 [00:46<28:13, 52.77it/s]
Training Step:  11%|                | 10631/100000 [00:46<26:28,
56.26it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  11%|                | 10638/100000 [00:46<29:40,
50.19it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
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out_of_road.

Training Step: 11%| | 10644/100000 [00:47<32:01,
46.50it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step: 11%| | 10651/100000 [00:47<34:48, 42.78it/s]
Training Step: 11%| | 10658/100000 [00:47<31:46, 46.86it/s]
Training Step: 11%| | 10665/100000 [00:47<29:20, 50.73it/s]
Training Step: 11%| | 10672/100000 [00:47<27:34,
53.99it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step: 11%| | 10678/100000 [00:47<33:44, 44.12it/s]
Training Step: 11%| | 10686/100000 [00:47<29:28, 50.49it/s]
Training Step: 11%| | 10694/100000 [00:48<26:53, 55.35it/s]
Training Step: 11%| | 10701/100000 [00:48<25:38,
58.03it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step: 11%| | 10708/100000 [00:48<29:58, 49.66it/s]
Training Step: 11%| | 10715/100000 [00:48<27:48, 53.52it/s]
Training Step: 11%| | 10722/100000 [00:48<26:25, 56.29it/s]
Training Step: 11%| | 10729/100000 [00:48<25:04,
59.33it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step: 11%| | 10736/100000 [00:48<30:35, 48.63it/s]
Training Step: 11%| | 10743/100000 [00:48<27:51, 53.39it/s]
Training Step: 11%| | 10750/100000 [00:49<26:34, 55.96it/s]
Training Step: 11%| | 10757/100000 [00:49<25:10,
59.08it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step: 11%| | 10764/100000 [00:49<28:38, 51.92it/s]
Training Step: 11%| | 10772/100000 [00:49<26:07, 56.91it/s]
Training Step: 11%| | 10780/100000 [00:49<24:47,
59.98it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step: 11%| | 10787/100000 [00:49<28:59, 51.29it/s]
Training Step: 11%| | 10794/100000 [00:49<27:44, 53.60it/s]
Training Step: 11%| | 10802/100000 [00:49<25:27, 58.41it/s]
Training Step: 11%| | 10809/100000 [00:50<24:58,
59.52it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step: 11%| | 10816/100000 [00:50<28:07,

52.84it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step: 11%| | 10823/100000 [00:50<29:49, 49.83it/s]
Training Step: 11%| | 10830/100000 [00:50<27:43,
53.60it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step: 11%| | 10836/100000 [00:50<34:02, 43.65it/s]
Training Step: 11%| | 10843/100000 [00:50<30:10,
49.24it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step: 11%| | 10850/100000 [00:51<33:08, 44.84it/s]
Training Step: 11%| | 10857/100000 [00:51<29:43, 49.99it/s]
Training Step: 11%| | 10864/100000 [00:51<27:47,
53.46it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step: 11%| | 10870/100000 [00:51<31:21,
47.38it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step: 11%| | 10878/100000 [00:51<32:14, 46.07it/s]
Training Step: 11%| | 10885/100000 [00:51<29:01, 51.18it/s]
Training Step: 11%| | 10892/100000 [00:51<27:11, 54.62it/s]
Training Step: 11%| | 10900/100000 [00:51<25:34,
58.05it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step: 11%| | 10907/100000 [00:52<28:24, 52.26it/s]
Training Step: 11%| | 10914/100000 [00:52<26:44, 55.52it/s]
Training Step: 11%| | 10922/100000 [00:52<25:18, 58.66it/s]
Training Step: 11%| | 10929/100000 [00:52<24:16,
61.16it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step: 11%| | 10936/100000 [00:52<46:34, 31.87it/s]
Training Step: 11%| | 10944/100000 [00:52<38:14, 38.81it/s]
Training Step: 11%| | 10951/100000 [00:53<33:20, 44.51it/s]
Training Step: 11%| | 10958/100000 [00:53<29:59,
49.48it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step: 11%| | 10965/100000 [00:53<33:16, 44.59it/s]
Training Step: 11%| | 10971/100000 [00:53<31:08, 47.65it/s]
Training Step: 11%| | 10978/100000 [00:53<28:36, 51.85it/s]
Training Step: 11%| | 10985/100000 [00:53<26:44,

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55.49it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:   11%|              | 10992/100000 [00:54<43:50, 33.83it/s]
Training Step:   11%|              | 10999/100000 [00:54<37:02, 40.05it/s]
Training Step:   11%|              | 11006/100000 [00:54<32:36,
45.48it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:   11%|              | 11012/100000 [00:54<32:52,
45.10it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:   11%|              | 11019/100000 [00:54<33:23, 44.41it/s]
Training Step:   11%|              | 11026/100000 [00:54<30:04, 49.31it/s]
Training Step:   11%|              | 11034/100000 [00:54<27:23,
54.12it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:   11%|              | 11040/100000 [00:54<30:00, 49.41it/s]
Training Step:   11%|              | 11047/100000 [00:55<27:23, 54.13it/s]
Training Step:   11%|              | 11053/100000 [00:55<26:45, 55.39it/s]
Training Step:   11%|              | 11060/100000 [00:55<26:00,
56.99it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:   11%|              | 11067/100000 [00:55<30:29, 48.61it/s]
Training Step:   11%|              | 11074/100000 [00:55<28:39, 51.70it/s]
Training Step:   11%|              | 11081/100000 [00:55<26:42,
55.49it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   11%|              | 11087/100000 [00:55<30:58, 47.85it/s]
Training Step:   11%|              | 11094/100000 [00:55<28:25, 52.14it/s]
Training Step:   11%|              | 11101/100000 [00:56<26:38, 55.61it/s]
Training Step:   11%|              | 11108/100000 [00:56<25:17,
58.57it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:   11%|              | 11115/100000 [00:56<29:34, 50.10it/s]
Training Step:   11%|              | 11122/100000 [00:56<27:55, 53.05it/s]
Training Step:   11%|              | 11129/100000 [00:56<26:15,
56.40it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   11%|              | 11135/100000 [00:56<32:05, 46.14it/s]
Training Step:   11%|              | 11142/100000 [00:56<29:33, 50.11it/s]
Training Step:   11%|              | 11149/100000 [00:57<27:10, 54.51it/s]
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Training Step:   11%|              | 11156/100000 [00:57<25:54,
57.14it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   11%|              | 11163/100000 [00:57<30:06, 49.17it/s]
Training Step:   11%|              | 11170/100000 [00:57<28:02, 52.80it/s]
Training Step:   11%|              | 11178/100000 [00:57<25:59, 56.96it/s]
Training Step:   11%|              | 11185/100000 [00:57<24:34, 60.22it/s]
Training Step:   11%|              | 11192/100000 [00:57<24:22, 60.72it/s]
Training Step:   11%|              | 11199/100000 [00:57<23:36, 62.70it/s]
Training Step:   11%|              | 11206/100000 [00:57<23:33, 62.81it/s]
Training Step:   11%|              | 11213/100000 [00:58<23:16, 63.56it/s]
Training Step:   11%|              | 11220/100000 [00:58<22:57, 64.46it/s]
Training Step:   11%|              | 11227/100000 [00:58<22:36, 65.43it/s]
Training Step:   11%|              | 11234/100000 [00:58<22:50, 64.75it/s]
Training Step:   11%|              | 11241/100000 [00:58<22:39, 65.30it/s]
Training Step:   11%|              | 11248/100000 [00:58<22:41, 65.17it/s]
Training Step:   11%|              | 11255/100000 [00:58<22:36, 65.45it/s]
Training Step:   11%|              | 11262/100000 [00:58<22:53, 64.60it/s]
Training Step:   11%|              | 11269/100000 [00:58<22:34, 65.50it/s]
Training Step:   11%|              | 11276/100000 [00:59<22:54, 64.57it/s]
Training Step:   11%|              | 11283/100000 [00:59<22:40, 65.19it/s]
Training Step:   11%|              | 11290/100000 [00:59<22:58, 64.35it/s]
Training Step:   11%|              | 11297/100000 [00:59<22:28, 65.79it/s]
Training Step:   11%|              | 11304/100000 [00:59<22:45, 64.95it/s]
Training Step:   11%|              | 11312/100000 [00:59<22:19, 66.21it/s]
Training Step:   11%|              | 11320/100000 [00:59<22:11, 66.60it/s]
Training Step:   11%|              | 11327/100000 [00:59<22:09, 66.69it/s]
Training Step:   11%|              | 11334/100000 [00:59<22:09, 66.68it/s]
Training Step:   11%|              | 11341/100000 [01:00<22:02, 67.05it/s]
Training Step:   11%|              | 11348/100000 [01:00<23:04, 64.05it/s]
Training Step:   11%|              | 11356/100000 [01:00<22:24, 65.92it/s]
Training Step:   11%|              | 11364/100000 [01:00<21:58, 67.21it/s]
Training Step:   11%|              | 11372/100000 [01:00<21:58, 67.22it/s]
Training Step:   11%|              | 11379/100000 [01:00<21:47, 67.77it/s]
Training Step:   11%|              | 11386/100000 [01:00<22:12, 66.52it/s]
Training Step:   11%|              | 11393/100000 [01:00<23:24, 63.08it/s]
Training Step:   11%|              | 11400/100000 [01:00<24:16, 60.83it/s]
Training Step:   11%|              | 11407/100000 [01:01<23:35, 62.59it/s]
Training Step:   11%|              | 11414/100000 [01:01<23:47, 62.07it/s]
Training Step:   11%|              | 11421/100000 [01:01<23:13, 63.54it/s]
Training Step:   11%|              | 11428/100000 [01:01<23:05, 63.92it/s]
Training Step:   11%|              | 11435/100000 [01:01<22:36, 65.29it/s]
Training Step:   11%|              | 11442/100000 [01:01<22:17, 66.23it/s]
Training Step:   11%|              | 11449/100000 [01:01<22:11, 66.51it/s]
Training Step:   11%|              | 11456/100000 [01:01<22:29, 65.62it/s]
Training Step:   11%|              | 11464/100000 [01:01<21:47, 67.74it/s]
Training Step:   11%|              | 11471/100000 [01:02<21:42, 67.96it/s]
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Training Step:  11%|              | 11478/100000 [01:02<21:53, 67.38it/s]
Training Step:  11%|              | 11485/100000 [01:02<21:42, 67.94it/s]
Training Step:  11%|              | 11492/100000 [01:02<21:38, 68.16it/s]
Training Step:  11%|              | 11499/100000 [01:02<21:33, 68.40it/s]
Training Step:  12%|              | 11506/100000 [01:02<21:38, 68.17it/s]
Training Step:  12%|              | 11514/100000 [01:02<21:18, 69.21it/s]
Training Step:  12%|              | 11522/100000 [01:02<21:08, 69.73it/s]
Training Step:  12%|              | 11530/100000 [01:02<20:58, 70.30it/s]
Training Step:  12%|              | 11538/100000 [01:02<20:57, 70.32it/s]
Training Step:  12%|              | 11546/100000 [01:03<21:04, 69.97it/s]
Training Step:  12%|              | 11553/100000 [01:03<21:22, 68.98it/s]
Training Step:  12%|              | 11560/100000 [01:03<21:52, 67.39it/s]
Training Step:  12%|              | 11568/100000 [01:03<21:39, 68.06it/s]
Training Step:  12%|              | 11576/100000 [01:03<21:33, 68.34it/s]
Training Step:  12%|              | 11584/100000 [01:03<21:31, 68.46it/s]
Training Step:  12%|              | 11592/100000 [01:03<21:15, 69.34it/s]
Training Step:  12%|              | 11600/100000 [01:03<21:10, 69.59it/s]
Training Step:  12%|              | 11607/100000 [01:03<21:17, 69.21it/s]
Training Step:  12%|              | 11614/100000 [01:04<21:24, 68.83it/s]
Training Step:  12%|              | 11622/100000 [01:04<20:58, 70.21it/s]
Training Step:  12%|              | 11630/100000 [01:04<20:57, 70.25it/s]
Training Step:  12%|              | 11638/100000 [01:04<20:44, 70.99it/s]
Training Step:  12%|              | 11646/100000 [01:04<21:02, 69.99it/s]
Training Step:  12%|              | 11654/100000 [01:04<21:01, 70.04it/s]
Training Step:  12%|              | 11662/100000 [01:04<20:50, 70.64it/s]
Training Step:  12%|              | 11670/100000 [01:04<20:42, 71.07it/s]
Training Step:  12%|              | 11678/100000 [01:04<20:40, 71.17it/s]
Training Step:  12%|              | 11686/100000 [01:05<20:26, 72.02it/s]
Training Step:  12%|              | 11694/100000 [01:05<20:32, 71.65it/s]
Training Step:  12%|              | 11702/100000 [01:05<20:49, 70.65it/s]
Training Step:  12%|              | 11710/100000 [01:05<20:53, 70.43it/s]
Training Step:  12%|              | 11718/100000 [01:05<21:03, 69.86it/s]
Training Step:  12%|              | 11726/100000 [01:05<20:59, 70.08it/s]
Training Step:  12%|              | 11734/100000 [01:05<21:05, 69.74it/s]
Training Step:  12%|              | 11742/100000 [01:05<20:53, 70.42it/s]
Training Step:  12%|              | 11750/100000 [01:05<20:54, 70.35it/s]
Training Step:  12%|              | 11758/100000 [01:06<21:15, 69.20it/s]
Training Step:  12%|              | 11766/100000 [01:06<21:03, 69.86it/s]
Training Step:  12%|              | 11774/100000 [01:06<20:54, 70.32it/s]
Training Step:  12%|              | 11782/100000 [01:06<21:01, 69.91it/s]
Training Step:  12%|              | 11790/100000 [01:06<20:47, 70.73it/s]
Training Step:  12%|              | 11798/100000 [01:06<21:19, 68.92it/s]
Training Step:  12%|              | 11806/100000 [01:06<21:19, 68.93it/s]
Training Step:  12%|              | 11813/100000 [01:06<21:20, 68.85it/s]
Training Step:  12%|              | 11820/100000 [01:07<23:04, 63.70it/s]
Training Step:  12%|              | 11828/100000 [01:07<22:55, 64.11it/s]
Training Step:  12%|              | 11835/100000 [01:07<22:29, 65.32it/s]
Training Step:  12%|              | 11842/100000 [01:07<22:18, 65.88it/s]
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Training Step:   12%|            | 11849/100000 [01:07<22:20, 65.75it/s]
Training Step:   12%|            | 11856/100000 [01:07<23:23, 62.81it/s]
Training Step:   12%|            | 11863/100000 [01:07<23:08, 63.46it/s]
Training Step:   12%|            | 11870/100000 [01:07<23:15, 63.17it/s]
Training Step:   12%|            | 11877/100000 [01:07<22:34, 65.06it/s]
Training Step:   12%|            | 11884/100000 [01:08<22:35, 64.99it/s]
Training Step:   12%|            | 11891/100000 [01:08<22:25, 65.48it/s]
Training Step:   12%|            | 11898/100000 [01:08<22:40, 64.74it/s]
Training Step:   12%|            | 11905/100000 [01:08<22:32, 65.12it/s]
Training Step:   12%|            | 11912/100000 [01:08<23:00, 63.79it/s]
Training Step:   12%|            | 11919/100000 [01:08<22:35, 64.98it/s]
Training Step:   12%|            | 11926/100000 [01:08<24:13, 60.58it/s]
Training Step:   12%|            | 11933/100000 [01:08<23:33, 62.28it/s]
Training Step:   12%|            | 11940/100000 [01:08<23:36, 62.18it/s]
Training Step:   12%|            | 11947/100000 [01:09<23:37, 62.11it/s]
Training Step:   12%|            | 11954/100000 [01:09<23:44, 61.79it/s]
Training Step:   12%|            | 11962/100000 [01:09<23:06, 63.48it/s]
Training Step:   12%|            | 11969/100000 [01:09<22:45, 64.47it/s]
Training Step:   12%|            | 11976/100000 [01:09<23:07, 63.44it/s]
Training Step:   12%|            | 11983/100000 [01:09<23:13, 63.16it/s]
Training Step:   12%|            | 11990/100000 [01:09<22:59, 63.81it/s]
Training Step:   12%|            | 11997/100000 [01:09<23:16, 63.01it/s]
Training Step:   12%|            | 12004/100000 [01:09<24:50, 59.04it/s]
Training Step:   12%|            | 12011/100000 [01:10<23:55, 61.30it/s]
Training Step:   12%|            | 12018/100000 [01:10<23:56, 61.26it/s]
Training Step:   12%|            | 12025/100000 [01:10<23:32, 62.27it/s]
Training Step:   12%|            | 12032/100000 [01:10<23:16, 62.97it/s]
Training Step:   12%|            | 12039/100000 [01:10<22:34, 64.93it/s]
Training Step:   12%|            | 12046/100000 [01:10<23:26, 62.54it/s]
Training Step:   12%|            | 12053/100000 [01:10<23:00, 63.73it/s]
Training Step:   12%|            | 12060/100000 [01:10<23:26, 62.50it/s]
Training Step:   12%|            | 12067/100000 [01:10<22:52, 64.05it/s]
Training Step:   12%|            | 12074/100000 [01:11<23:40,
61.89it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   12%|            | 12081/100000 [01:11<29:34, 49.55it/s]
Training Step:   12%|            | 12087/100000 [01:11<28:30, 51.38it/s]
Training Step:   12%|            | 12094/100000 [01:11<27:08, 53.99it/s]
Training Step:   12%|            | 12101/100000 [01:11<25:37, 57.18it/s]
Training Step:   12%|            | 12107/100000 [01:11<25:33, 57.32it/s]
Training Step:   12%|            | 12114/100000 [01:11<24:37, 59.47it/s]
Training Step:   12%|            | 12121/100000 [01:11<23:48, 61.52it/s]
Training Step:   12%|            | 12128/100000 [01:12<24:02, 60.92it/s]
Training Step:   12%|            | 12135/100000 [01:12<23:23, 62.60it/s]
Training Step:   12%|            | 12142/100000 [01:12<23:47, 61.55it/s]
Training Step:   12%|            | 12149/100000 [01:12<23:21, 62.67it/s]
Training Step:   12%|            | 12156/100000 [01:12<23:22,
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62.62it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step: 12%| | 12163/100000 [01:12<28:48, 50.82it/s]
Training Step: 12%| | 12169/100000 [01:12<28:04, 52.14it/s]
Training Step: 12%| | 12175/100000 [01:12<28:00, 52.27it/s]
Training Step: 12%| | 12182/100000 [01:13<26:56,
54.32it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step: 12%| | 12189/100000 [01:13<32:16, 45.34it/s]
Training Step: 12%| | 12196/100000 [01:13<29:58, 48.82it/s]
Training Step: 12%| | 12202/100000 [01:13<28:38, 51.09it/s]
Training Step: 12%| | 12209/100000 [01:13<27:00, 54.19it/s]
Training Step: 12%| | 12216/100000 [01:13<26:01, 56.23it/s]
Training Step: 12%| | 12222/100000 [01:13<25:58, 56.33it/s]
Training Step: 12%| | 12229/100000 [01:13<24:42, 59.22it/s]
Training Step: 12%| | 12236/100000 [01:13<24:33, 59.56it/s]
Training Step: 12%| | 12243/100000 [01:14<23:37, 61.91it/s]
Training Step: 12%| | 12250/100000 [01:14<23:25, 62.42it/s]
Training Step: 12%| | 12257/100000 [01:14<23:29, 62.24it/s]
Training Step: 12%| | 12264/100000 [01:14<23:17, 62.80it/s]
Training Step: 12%| | 12271/100000 [01:14<23:11, 63.05it/s]
Training Step: 12%| | 12278/100000 [01:14<23:03, 63.40it/s]
Training Step: 12%| | 12285/100000 [01:14<22:43, 64.35it/s]
Training Step: 12%| | 12292/100000 [01:14<23:17, 62.75it/s]
Training Step: 12%| | 12299/100000 [01:14<22:49, 64.05it/s]
Training Step: 12%| | 12306/100000 [01:15<23:10, 63.06it/s]
Training Step: 12%| | 12313/100000 [01:15<22:32, 64.82it/s]
Training Step: 12%| | 12320/100000 [01:15<22:51, 63.93it/s]
Training Step: 12%| | 12327/100000 [01:15<22:38, 64.55it/s]
Training Step: 12%| | 12334/100000 [01:15<22:51, 63.92it/s]
Training Step: 12%| | 12341/100000 [01:15<23:27, 62.30it/s]
Training Step: 12%| | 12348/100000 [01:15<23:36, 61.86it/s]
Training Step: 12%| | 12355/100000 [01:15<23:21, 62.55it/s]
Training Step: 12%| | 12362/100000 [01:15<23:32, 62.04it/s]
Training Step: 12%| | 12369/100000 [01:16<23:16, 62.76it/s]
Training Step: 12%| | 12376/100000 [01:16<23:33, 62.01it/s]
Training Step: 12%| | 12383/100000 [01:16<22:48, 64.03it/s]
Training Step: 12%| | 12390/100000 [01:16<23:11, 62.96it/s]
Training Step: 12%| | 12397/100000 [01:16<24:11, 60.33it/s]
Training Step: 12%| | 12404/100000 [01:16<24:19, 60.01it/s]
Training Step: 12%| | 12411/100000 [01:16<24:24, 59.80it/s]
Training Step: 12%| | 12417/100000 [01:16<24:38, 59.22it/s]
Training Step: 12%| | 12424/100000 [01:16<24:07, 60.52it/s]
Training Step: 12%| | 12431/100000 [01:17<23:29, 62.11it/s]
Training Step: 12%| | 12438/100000 [01:17<24:07, 60.50it/s]
Training Step: 12%| | 12446/100000 [01:17<23:15, 62.74it/s]

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Training Step:  12%|            | 12453/100000 [01:17<22:40, 64.36it/s]
Training Step:  12%|            | 12460/100000 [01:17<23:25, 62.29it/s]
Training Step:  12%|            | 12467/100000 [01:17<22:54, 63.70it/s]
Training Step:  12%|            | 12474/100000 [01:17<23:16, 62.69it/s]
Training Step:  12%|            | 12482/100000 [01:17<22:38, 64.44it/s]
Training Step:  12%|            | 12490/100000 [01:18<22:16, 65.47it/s]
Training Step:  12%|            | 12497/100000 [01:18<21:55, 66.52it/s]
Training Step:  13%|            | 12504/100000 [01:18<21:50, 66.75it/s]
Training Step:  13%|            | 12512/100000 [01:18<21:31, 67.75it/s]
Training Step:  13%|            | 12519/100000 [01:18<21:48, 66.85it/s]
Training Step:  13%|            | 12526/100000 [01:18<21:35, 67.55it/s]
Training Step:  13%|            | 12534/100000 [01:18<21:29, 67.81it/s]
Training Step:  13%|            | 12541/100000 [01:18<22:14, 65.55it/s]
Training Step:  13%|            | 12548/100000 [01:18<23:32,
61.92it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  13%|            | 12555/100000 [01:19<28:43, 50.75it/s]
Training Step:  13%|            | 12562/100000 [01:19<26:37, 54.73it/s]
Training Step:  13%|            | 12569/100000 [01:19<24:57, 58.37it/s]
Training Step:  13%|            | 12576/100000 [01:19<24:02, 60.61it/s]
Training Step:  13%|            | 12583/100000 [01:19<23:17, 62.55it/s]
Training Step:  13%|            | 12590/100000 [01:19<22:48, 63.86it/s]
Training Step:  13%|            | 12598/100000 [01:19<22:14, 65.47it/s]
Training Step:  13%|            | 12605/100000 [01:19<22:00, 66.18it/s]
Training Step:  13%|            | 12612/100000 [01:19<21:43,
67.07it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  13%|            | 12619/100000 [01:20<27:13, 53.50it/s]
Training Step:  13%|            | 12626/100000 [01:20<25:56, 56.15it/s]
Training Step:  13%|            | 12633/100000 [01:20<24:42, 58.92it/s]
Training Step:  13%|            | 12640/100000 [01:20<23:51, 61.04it/s]
Training Step:  13%|            | 12647/100000 [01:20<23:15,
62.62it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  13%|            | 12654/100000 [01:20<27:50,
52.29it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  13%|            | 12661/100000 [01:20<28:54, 50.36it/s]
Training Step:  13%|            | 12668/100000 [01:21<26:50, 54.23it/s]
Training Step:  13%|            | 12675/100000 [01:21<25:05, 58.01it/s]
Training Step:  13%|            | 12683/100000 [01:21<23:03, 63.10it/s]
Training Step:  13%|            | 12691/100000 [01:21<21:44, 66.94it/s]
Training Step:  13%|            | 12699/100000 [01:21<20:44, 70.16it/s]
Training Step:  13%|            | 12707/100000 [01:21<20:00, 72.73it/s]
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Training Step:  13%|           | 12715/100000 [01:21<19:53,
73.14it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  13%|           | 12723/100000 [01:21<24:04, 60.42it/s]
Training Step:  13%|           | 12730/100000 [01:21<23:27, 62.02it/s]
Training Step:  13%|           | 12738/100000 [01:22<22:42, 64.02it/s]
Training Step:  13%|           | 12746/100000 [01:22<22:16, 65.30it/s]
Training Step:  13%|           | 12754/100000 [01:22<21:54, 66.38it/s]
Training Step:  13%|           | 12762/100000 [01:22<21:29, 67.66it/s]
Training Step:  13%|           | 12769/100000 [01:22<21:20, 68.10it/s]
Training Step:  13%|           | 12776/100000 [01:22<21:25, 67.88it/s]
Training Step:  13%|           | 12784/100000 [01:22<21:11, 68.59it/s]
Training Step:  13%|           | 12791/100000 [01:22<21:04, 68.98it/s]
Training Step:  13%|           | 12798/100000 [01:22<21:06, 68.88it/s]
Training Step:  13%|           | 12805/100000 [01:22<21:00, 69.20it/s]
Training Step:  13%|           | 12812/100000 [01:23<21:07, 68.81it/s]
Training Step:  13%|           | 12820/100000 [01:23<21:27, 67.70it/s]
Training Step:  13%|           | 12827/100000 [01:23<21:26, 67.75it/s]
Training Step:  13%|           | 12834/100000 [01:23<21:54, 66.31it/s]
Training Step:  13%|           | 12841/100000 [01:23<22:21, 64.97it/s]
Training Step:  13%|           | 12848/100000 [01:23<22:55, 63.36it/s]
Training Step:  13%|           | 12856/100000 [01:23<22:40, 64.06it/s]
Training Step:  13%|           | 12863/100000 [01:23<22:35, 64.28it/s]
Training Step:  13%|           | 12870/100000 [01:24<22:55, 63.33it/s]
Training Step:  13%|           | 12878/100000 [01:24<22:18, 65.08it/s]
Training Step:  13%|           | 12886/100000 [01:24<21:48,
66.58it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  13%|           | 12893/100000 [01:24<24:33, 59.11it/s]
Training Step:  13%|           | 12900/100000 [01:24<24:13, 59.91it/s]
Training Step:  13%|           | 12908/100000 [01:24<23:19, 62.22it/s]
Training Step:  13%|           | 12916/100000 [01:24<22:12, 65.34it/s]
Training Step:  13%|           | 12924/100000 [01:24<21:47, 66.59it/s]
Training Step:  13%|           | 12932/100000 [01:24<21:40,
66.96it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  13%|           | 12940/100000 [01:25<23:54, 60.69it/s]
Training Step:  13%|           | 12947/100000 [01:25<23:08, 62.69it/s]
Training Step:  13%|           | 12954/100000 [01:25<22:31, 64.39it/s]
Training Step:  13%|           | 12962/100000 [01:25<22:06, 65.63it/s]
Training Step:  13%|           | 12969/100000 [01:25<21:48, 66.53it/s]
Training Step:  13%|           | 12976/100000 [01:25<21:36, 67.12it/s]
Training Step:  13%|           | 12984/100000 [01:25<21:14, 68.25it/s]
Training Step:  13%|           | 12992/100000 [01:25<21:17, 68.11it/s]
Training Step:  13%|           | 13000/100000 [01:25<20:55, 69.29it/s]
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Training Step:  13%|              | 13008/100000 [01:26<20:53, 69.37it/s]
Training Step:  13%|              | 13015/100000 [01:26<20:50, 69.54it/s]
Training Step:  13%|              | 13022/100000 [01:26<21:51, 66.30it/s]
Training Step:  13%|              | 13030/100000 [01:26<21:23, 67.77it/s]
Training Step:  13%|              | 13038/100000 [01:26<21:10, 68.45it/s]
Training Step:  13%|              | 13046/100000 [01:26<20:50, 69.53it/s]
Training Step:  13%|              | 13053/100000 [01:26<20:57, 69.12it/s]
Training Step:  13%|              | 13061/100000 [01:26<20:37, 70.27it/s]
Training Step:  13%|              | 13069/100000 [01:26<20:21, 71.16it/s]
Training Step:  13%|              | 13077/100000 [01:27<20:09, 71.86it/s]
Training Step:  13%|              | 13085/100000 [01:27<20:21, 71.17it/s]
Training Step:  13%|              | 13093/100000 [01:27<20:10, 71.81it/s]
Training Step:  13%|              | 13101/100000 [01:27<19:58, 72.48it/s]
Training Step:  13%|              | 13109/100000 [01:27<20:00, 72.36it/s]
Training Step:  13%|              | 13117/100000 [01:27<20:15, 71.46it/s]
Training Step:  13%|              | 13125/100000 [01:27<20:23, 71.03it/s]
Training Step:  13%|              | 13133/100000 [01:27<20:27, 70.77it/s]
Training Step:  13%|              | 13141/100000 [01:27<20:01,
72.31it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  13%|              | 13149/100000 [01:28<23:34, 61.42it/s]
Training Step:  13%|              | 13156/100000 [01:28<23:17, 62.16it/s]
Training Step:  13%|              | 13163/100000 [01:28<22:33, 64.17it/s]
Training Step:  13%|              | 13170/100000 [01:28<22:25, 64.52it/s]
Training Step:  13%|              | 13178/100000 [01:28<21:33, 67.10it/s]
Training Step:  13%|              | 13185/100000 [01:28<21:18, 67.90it/s]
Training Step:  13%|              | 13192/100000 [01:28<21:36, 66.98it/s]
Training Step:  13%|              | 13200/100000 [01:28<21:03, 68.72it/s]
Training Step:  13%|              | 13208/100000 [01:29<21:04, 68.61it/s]
Training Step:  13%|              | 13216/100000 [01:29<20:58, 68.96it/s]
Training Step:  13%|              | 13224/100000 [01:29<20:48,
69.51it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  13%|              | 13231/100000 [01:29<23:26, 61.69it/s]
Training Step:  13%|              | 13239/100000 [01:29<22:31,
64.19it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  13%|              | 13246/100000 [01:29<25:59, 55.64it/s]
Training Step:  13%|              | 13253/100000 [01:29<24:35, 58.80it/s]
Training Step:  13%|              | 13260/100000 [01:29<24:15, 59.59it/s]
Training Step:  13%|              | 13267/100000 [01:29<23:15, 62.14it/s]
Training Step:  13%|              | 13274/100000 [01:30<23:02,
62.74it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.
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```
Training Step:  13%|              | 13281/100000 [01:30<26:27, 54.63it/s]
Training Step:  13%|              | 13288/100000 [01:30<25:29, 56.68it/s]
Training Step:  13%|              | 13295/100000 [01:30<24:13, 59.63it/s]
Training Step:  13%|              | 13302/100000 [01:30<23:39,
61.09it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  13%|              | 13309/100000 [01:30<27:48, 51.95it/s]
Training Step:  13%|              | 13316/100000 [01:30<26:19, 54.89it/s]
Training Step:  13%|              | 13323/100000 [01:30<24:40, 58.54it/s]
Training Step:  13%|              | 13330/100000 [01:31<24:00, 60.17it/s]
Training Step:  13%|              | 13337/100000 [01:31<23:25, 61.65it/s]
Training Step:  13%|              | 13344/100000 [01:31<23:19, 61.91it/s]
Training Step:  13%|              | 13351/100000 [01:31<23:00, 62.75it/s]
Training Step:  13%|              | 13358/100000 [01:31<23:01, 62.70it/s]
Training Step:  13%|              | 13365/100000 [01:31<22:48, 63.32it/s]
Training Step:  13%|              | 13372/100000 [01:31<22:57, 62.90it/s]
Training Step:  13%|              | 13379/100000 [01:31<22:17, 64.78it/s]
Training Step:  13%|              | 13386/100000 [01:31<22:39, 63.73it/s]
Training Step:  13%|              | 13393/100000 [01:32<22:26, 64.30it/s]
Training Step:  13%|              | 13400/100000 [01:32<22:57, 62.86it/s]
Training Step:  13%|              | 13407/100000 [01:32<22:47, 63.34it/s]
Training Step:  13%|              | 13414/100000 [01:32<22:30, 64.12it/s]
Training Step:  13%|              | 13422/100000 [01:32<21:44, 66.35it/s]
Training Step:  13%|              | 13430/100000 [01:32<21:27, 67.25it/s]
Training Step:  13%|              | 13438/100000 [01:32<21:25, 67.34it/s]
Training Step:  13%|              | 13445/100000 [01:32<21:18,
67.70it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  13%|              | 13452/100000 [01:33<27:17, 52.87it/s]
Training Step:  13%|              | 13459/100000 [01:33<25:33, 56.44it/s]
Training Step:  13%|              | 13466/100000 [01:33<24:38, 58.51it/s]
Training Step:  13%|              | 13474/100000 [01:33<23:33, 61.23it/s]
Training Step:  13%|              | 13481/100000 [01:33<23:21, 61.75it/s]
Training Step:  13%|              | 13488/100000 [01:33<23:12, 62.12it/s]
Training Step:  13%|              | 13495/100000 [01:33<23:17, 61.91it/s]
Training Step:  14%|              | 13502/100000 [01:33<23:13, 62.08it/s]
Training Step:  14%|              | 13509/100000 [01:33<22:47, 63.25it/s]
Training Step:  14%|              | 13516/100000 [01:34<23:12, 62.13it/s]
Training Step:  14%|              | 13523/100000 [01:34<22:50, 63.09it/s]
Training Step:  14%|              | 13530/100000 [01:34<22:43, 63.43it/s]
Training Step:  14%|              | 13537/100000 [01:34<22:46, 63.27it/s]
Training Step:  14%|              | 13544/100000 [01:34<22:51,
63.04it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  14%|              | 13551/100000 [01:34<28:01, 51.42it/s]
```

```
Training Step:  14%|            | 13558/100000 [01:34<26:12,
54.96it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  14%|            | 13564/100000 [01:34<28:18, 50.88it/s]
Training Step:  14%|            | 13572/100000 [01:35<25:37,
56.21it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  14%|            | 13578/100000 [01:35<29:43, 48.45it/s]
Training Step:  14%|            | 13585/100000 [01:35<27:41, 52.01it/s]
Training Step:  14%|            | 13592/100000 [01:35<26:29, 54.36it/s]
Training Step:  14%|            | 13599/100000 [01:35<26:47, 53.75it/s]
Training Step:  14%|            | 13605/100000 [01:35<26:05, 55.18it/s]
Training Step:  14%|            | 13611/100000 [01:35<26:42, 53.89it/s]
Training Step:  14%|            | 13617/100000 [01:35<26:12, 54.93it/s]
Training Step:  14%|            | 13623/100000 [01:36<25:34, 56.30it/s]
Training Step:  14%|            | 13629/100000 [01:36<25:23, 56.70it/s]
Training Step:  14%|            | 13636/100000 [01:36<24:44, 58.16it/s]
Training Step:  14%|            | 13643/100000 [01:36<24:00, 59.97it/s]
Training Step:  14%|            | 13650/100000 [01:36<23:45, 60.57it/s]
Training Step:  14%|            | 13657/100000 [01:36<23:27, 61.36it/s]
Training Step:  14%|            | 13664/100000 [01:36<23:38, 60.86it/s]
Training Step:  14%|            | 13671/100000 [01:36<23:23, 61.50it/s]
Training Step:  14%|            | 13678/100000 [01:36<22:53, 62.85it/s]
Training Step:  14%|            | 13686/100000 [01:37<22:27, 64.06it/s]
Training Step:  14%|            | 13693/100000 [01:37<21:56, 65.54it/s]
Training Step:  14%|            | 13700/100000 [01:37<22:13, 64.70it/s]
Training Step:  14%|            | 13707/100000 [01:37<21:47, 65.98it/s]
Training Step:  14%|            | 13714/100000 [01:37<22:02, 65.27it/s]
Training Step:  14%|            | 13721/100000 [01:37<21:46, 66.05it/s]
Training Step:  14%|            | 13728/100000 [01:37<22:12, 64.77it/s]
Training Step:  14%|            | 13735/100000 [01:37<22:15, 64.60it/s]
Training Step:  14%|            | 13742/100000 [01:37<22:47, 63.10it/s]
Training Step:  14%|            | 13749/100000 [01:37<22:36, 63.60it/s]
Training Step:  14%|            | 13756/100000 [01:38<22:09, 64.85it/s]
Training Step:  14%|            | 13763/100000 [01:38<22:13, 64.66it/s]
Training Step:  14%|            | 13770/100000 [01:38<22:23, 64.17it/s]
Training Step:  14%|            | 13777/100000 [01:38<21:53, 65.63it/s]
Training Step:  14%|            | 13784/100000 [01:38<22:31, 63.78it/s]
Training Step:  14%|            | 13791/100000 [01:38<21:59, 65.34it/s]
Training Step:  14%|            | 13798/100000 [01:38<22:35, 63.58it/s]
Training Step:  14%|            | 13805/100000 [01:38<22:38, 63.43it/s]
Training Step:  14%|            | 13812/100000 [01:38<23:15, 61.76it/s]
Training Step:  14%|            | 13819/100000 [01:39<23:06, 62.15it/s]
Training Step:  14%|            | 13826/100000 [01:39<23:30, 61.09it/s]
Training Step:  14%|            | 13833/100000 [01:39<22:48, 62.95it/s]
Training Step:  14%|            | 13840/100000 [01:39<23:06,
```

62.15it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step: 14%| | 13847/100000 [01:39<26:49, 53.54it/s]
Training Step: 14%| | 13854/100000 [01:39<25:17, 56.76it/s]
Training Step: 14%| | 13861/100000 [01:39<24:17,
59.11it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step: 14%| | 13868/100000 [01:40<28:11, 50.93it/s]
Training Step: 14%| | 13875/100000 [01:40<26:32, 54.08it/s]
Training Step: 14%| | 13882/100000 [01:40<25:23, 56.54it/s]
Training Step: 14%| | 13889/100000 [01:40<24:09, 59.39it/s]
Training Step: 14%| | 13896/100000 [01:40<23:55, 59.98it/s]
Training Step: 14%| | 13903/100000 [01:40<22:56, 62.54it/s]
Training Step: 14%| | 13910/100000 [01:40<23:49, 60.24it/s]
Training Step: 14%| | 13917/100000 [01:40<23:35, 60.82it/s]
Training Step: 14%| | 13924/100000 [01:40<23:42, 60.52it/s]
Training Step: 14%| | 13931/100000 [01:41<23:35, 60.79it/s]
Training Step: 14%| | 13938/100000 [01:41<24:19, 58.97it/s]
Training Step: 14%| | 13945/100000 [01:41<23:52, 60.06it/s]
Training Step: 14%| | 13952/100000 [01:41<23:17, 61.57it/s]
Training Step: 14%| | 13959/100000 [01:41<23:34, 60.82it/s]
Training Step: 14%| | 13966/100000 [01:41<23:34, 60.83it/s]
Training Step: 14%| | 13973/100000 [01:41<23:26, 61.14it/s]
Training Step: 14%| | 13980/100000 [01:41<23:47, 60.27it/s]
Training Step: 14%| | 13987/100000 [01:41<23:09, 61.89it/s]
Training Step: 14%| | 13994/100000 [01:42<23:27, 61.10it/s]
Training Step: 14%| | 14001/100000 [01:42<23:38, 60.61it/s]
Training Step: 14%| | 14008/100000 [01:42<24:03, 59.57it/s]
Training Step: 14%| | 14015/100000 [01:42<23:34, 60.78it/s]
Training Step: 14%| | 14022/100000 [01:42<23:07, 61.98it/s]
Training Step: 14%| | 14029/100000 [01:42<22:25, 63.88it/s]
Training Step: 14%| | 14036/100000 [01:42<23:53, 59.98it/s]
Training Step: 14%| | 14043/100000 [01:42<23:28, 61.03it/s]
Training Step: 14%| | 14050/100000 [01:42<23:18, 61.47it/s]
Training Step: 14%| | 14057/100000 [01:43<22:45, 62.94it/s]
Training Step: 14%| | 14064/100000 [01:43<22:59, 62.31it/s]
Training Step: 14%| | 14071/100000 [01:43<24:00, 59.67it/s]
Training Step: 14%| | 14078/100000 [01:43<24:10, 59.24it/s]
Training Step: 14%| | 14084/100000 [01:43<24:36, 58.20it/s]
Training Step: 14%| | 14090/100000 [01:43<24:55, 57.44it/s]
Training Step: 14%| | 14097/100000 [01:43<23:43, 60.34it/s]
Training Step: 14%| | 14104/100000 [01:43<24:11, 59.16it/s]
Training Step: 14%| | 14111/100000 [01:43<23:48, 60.15it/s]
Training Step: 14%| | 14118/100000 [01:44<24:01, 59.58it/s]
Training Step: 14%| | 14125/100000 [01:44<23:29, 60.92it/s]
Training Step: 14%| | 14132/100000 [01:44<23:22,

61.23it/s][INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.

```
Training Step:  14%|          | 14139/100000 [01:44<27:25, 52.18it/s]
Training Step:  14%|          | 14146/100000 [01:44<26:03, 54.91it/s]
Training Step:  14%|          | 14154/100000 [01:44<24:32, 58.30it/s]
Training Step:  14%|          | 14161/100000 [01:44<23:31, 60.82it/s]
Training Step:  14%|          | 14168/100000 [01:44<22:54, 62.43it/s]
Training Step:  14%|          | 14175/100000 [01:45<22:46, 62.79it/s]
Training Step:  14%|          | 14182/100000 [01:45<23:02, 62.06it/s]
Training Step:  14%|          | 14189/100000 [01:45<22:49, 62.64it/s]
Training Step:  14%|          | 14196/100000 [01:45<22:39, 63.10it/s]
Training Step:  14%|          | 14203/100000 [01:45<22:28, 63.61it/s]
Training Step:  14%|          | 14210/100000 [01:45<22:29, 63.58it/s]
Training Step:  14%|          | 14217/100000 [01:45<23:16, 61.43it/s]
Training Step:  14%|          | 14224/100000 [01:45<23:01, 62.07it/s]
Training Step:  14%|          | 14231/100000 [01:45<22:29, 63.55it/s]
Training Step:  14%|          | 14238/100000 [01:46<22:28, 63.58it/s]
Training Step:  14%|          | 14245/100000 [01:46<22:21, 63.94it/s]
Training Step:  14%|          | 14252/100000 [01:46<22:00, 64.92it/s]
Training Step:  14%|          | 14260/100000 [01:46<21:42, 65.84it/s]
Training Step:  14%|          | 14268/100000 [01:46<21:22, 66.83it/s]
Training Step:  14%|          | 14276/100000 [01:46<21:26, 66.62it/s]
Training Step:  14%|          | 14283/100000 [01:46<21:36, 66.10it/s]
Training Step:  14%|          | 14290/100000 [01:46<21:33, 66.28it/s]
Training Step:  14%|          | 14298/100000 [01:46<21:20, 66.91it/s]
Training Step:  14%|          | 14305/100000 [01:47<21:46, 65.59it/s]
Training Step:  14%|          | 14312/100000 [01:47<22:53, 62.38it/s]
Training Step:  14%|          | 14319/100000 [01:47<23:35, 60.52it/s]
Training Step:  14%|          | 14326/100000 [01:47<24:38, 57.96it/s]
Training Step:  14%|          | 14332/100000 [01:47<24:39, 57.89it/s]
Training Step:  14%|          | 14338/100000 [01:47<25:06, 56.85it/s]
Training Step:  14%|          | 14344/100000 [01:47<25:35, 55.77it/s]
Training Step:  14%|          | 14350/100000 [01:47<25:39, 55.62it/s]
Training Step:  14%|          | 14356/100000 [01:47<25:15, 56.52it/s]
Training Step:  14%|          | 14362/100000 [01:48<25:16, 56.49it/s]
Training Step:  14%|          | 14368/100000 [01:48<25:02, 57.00it/s]
Training Step:  14%|          | 14374/100000 [01:48<25:39, 55.63it/s]
Training Step:  14%|          | 14380/100000 [01:48<25:22, 56.23it/s]
Training Step:  14%|          | 14386/100000 [01:48<25:45, 55.41it/s]
Training Step:  14%|          | 14392/100000 [01:48<25:35, 55.76it/s]
Training Step:  14%|          | 14398/100000 [01:48<25:02, 56.96it/s]
Training Step:  14%|          | 14404/100000 [01:48<24:56, 57.18it/s]
Training Step:  14%|          | 14410/100000 [01:48<25:22, 56.21it/s]
Training Step:  14%|          | 14416/100000 [01:49<25:28, 56.01it/s]
Training Step:  14%|          | 14422/100000 [01:49<27:15, 52.32it/s]
Training Step:  14%|          | 14428/100000 [01:49<27:21, 52.14it/s]
Training Step:  14%|          | 14434/100000 [01:49<27:08, 52.56it/s]
```

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Training Step:  14%|              | 14440/100000 [01:49<27:05,
52.63it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  14%|              | 14446/100000 [01:49<31:39, 45.04it/s]
Training Step:  14%|              | 14453/100000 [01:49<28:25, 50.17it/s]
Training Step:  14%|              | 14460/100000 [01:49<27:00, 52.78it/s]
Training Step:  14%|              | 14467/100000 [01:50<25:14, 56.49it/s]
Training Step:  14%|              | 14474/100000 [01:50<24:28, 58.23it/s]
Training Step:  14%|              | 14482/100000 [01:50<22:59, 61.97it/s]
Training Step:  14%|              | 14489/100000 [01:50<22:13,
64.15it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  14%|              | 14497/100000 [01:50<25:11, 56.57it/s]
Training Step:  15%|              | 14504/100000 [01:50<24:19, 58.59it/s]
Training Step:  15%|              | 14511/100000 [01:50<23:23, 60.90it/s]
Training Step:  15%|              | 14518/100000 [01:50<22:51, 62.33it/s]
Training Step:  15%|              | 14526/100000 [01:50<22:05, 64.51it/s]
Training Step:  15%|              | 14534/100000 [01:51<21:27, 66.38it/s]
Training Step:  15%|              | 14541/100000 [01:51<21:10, 67.27it/s]
Training Step:  15%|              | 14548/100000 [01:51<21:03, 67.66it/s]
Training Step:  15%|              | 14556/100000 [01:51<20:44, 68.63it/s]
Training Step:  15%|              | 14564/100000 [01:51<20:42, 68.74it/s]
Training Step:  15%|              | 14571/100000 [01:51<21:00, 67.77it/s]
Training Step:  15%|              | 14578/100000 [01:51<22:30, 63.25it/s]
Training Step:  15%|              | 14585/100000 [01:51<22:10, 64.21it/s]
Training Step:  15%|              | 14592/100000 [01:51<22:20, 63.70it/s]
Training Step:  15%|              | 14599/100000 [01:52<22:21, 63.68it/s]
Training Step:  15%|              | 14606/100000 [01:52<23:03, 61.72it/s]
Training Step:  15%|              | 14613/100000 [01:52<25:13, 56.43it/s]
Training Step:  15%|              | 14619/100000 [01:52<25:00, 56.90it/s]
Training Step:  15%|              | 14626/100000 [01:52<24:22, 58.37it/s]
Training Step:  15%|              | 14633/100000 [01:52<23:34,
60.36it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  15%|              | 14640/100000 [01:52<27:04, 52.55it/s]
Training Step:  15%|              | 14648/100000 [01:52<24:27, 58.15it/s]
Training Step:  15%|              | 14656/100000 [01:53<23:08, 61.46it/s]
Training Step:  15%|              | 14664/100000 [01:53<22:04, 64.45it/s]
Training Step:  15%|              | 14672/100000 [01:53<21:06, 67.36it/s]
Training Step:  15%|              | 14680/100000 [01:53<20:37, 68.92it/s]
Training Step:  15%|              | 14688/100000 [01:53<20:18, 70.04it/s]
Training Step:  15%|              | 14696/100000 [01:53<20:12, 70.36it/s]
Training Step:  15%|              | 14704/100000 [01:53<20:02, 70.95it/s]
Training Step:  15%|              | 14712/100000 [01:53<20:02, 70.91it/s]
Training Step:  15%|              | 14720/100000 [01:53<20:31, 69.25it/s]
```

```
Training Step:    15%|              | 14727/100000 [01:54<20:41, 68.71it/s]
Training Step:    15%|              | 14734/100000 [01:54<20:55, 67.94it/s]
Training Step:    15%|              | 14741/100000 [01:54<21:05, 67.38it/s]
Training Step:    15%|              | 14748/100000 [01:54<21:20, 66.59it/s]
Training Step:    15%|              | 14755/100000 [01:54<21:43, 65.40it/s]
Training Step:    15%|              | 14762/100000 [01:54<22:05, 64.30it/s]
Training Step:    15%|              | 14770/100000 [01:54<21:15, 66.82it/s]
Training Step:    15%|              | 14778/100000 [01:54<20:39, 68.77it/s]
Training Step:    15%|              | 14786/100000 [01:54<20:36, 68.90it/s]
Training Step:    15%|              | 14794/100000 [01:55<20:26, 69.47it/s]
Training Step:    15%|              | 14801/100000 [01:55<20:37, 68.85it/s]
Training Step:    15%|              | 14808/100000 [01:55<21:31, 65.94it/s]
Training Step:    15%|              | 14816/100000 [01:55<20:52, 68.01it/s]
Training Step:    15%|              | 14824/100000 [01:55<20:52, 67.99it/s]
Training Step:    15%|              | 14831/100000 [01:55<21:37, 65.66it/s]
Training Step:    15%|              | 14838/100000 [01:55<21:48, 65.07it/s]
Training Step:    15%|              | 14845/100000 [01:55<21:36, 65.67it/s]
Training Step:    15%|              | 14852/100000 [01:55<21:52, 64.85it/s]
Training Step:    15%|              | 14859/100000 [01:56<23:12,
61.16it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:    15%|              | 14866/100000 [01:56<28:21, 50.03it/s]
Training Step:    15%|              | 14873/100000 [01:56<26:36, 53.33it/s]
Training Step:    15%|              | 14880/100000 [01:56<25:40, 55.25it/s]
Training Step:    15%|              | 14886/100000 [01:56<25:25, 55.80it/s]
Training Step:    15%|              | 14892/100000 [01:56<25:16, 56.14it/s]
Training Step:    15%|              | 14898/100000 [01:56<25:00, 56.71it/s]
Training Step:    15%|              | 14905/100000 [01:56<24:14, 58.52it/s]
Training Step:    15%|              | 14912/100000 [01:57<24:01, 59.04it/s]
Training Step:    15%|              | 14919/100000 [01:57<23:32, 60.23it/s]
Training Step:    15%|              | 14926/100000 [01:57<23:50, 59.48it/s]
Training Step:    15%|              | 14933/100000 [01:57<23:17, 60.85it/s]
Training Step:    15%|              | 14940/100000 [01:57<22:55, 61.83it/s]
Training Step:    15%|              | 14947/100000 [01:57<23:02, 61.54it/s]
Training Step:    15%|              | 14954/100000 [01:57<25:25,
55.74it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:    15%|              | 14960/100000 [01:57<29:20, 48.31it/s]
Training Step:    15%|              | 14968/100000 [01:58<26:13, 54.02it/s]
Training Step:    15%|              | 14975/100000 [01:58<24:30, 57.82it/s]
Training Step:    15%|              | 14983/100000 [01:58<22:51, 61.98it/s]
Training Step:    15%|              | 14990/100000 [01:58<22:30, 62.94it/s]
Training Step:    15%|              | 14998/100000 [01:58<23:28, 60.36it/s]
Training Step:    15%|              | 15005/100000 [01:58<23:00, 61.57it/s]
Training Step:    15%|              | 15012/100000 [01:58<22:26, 63.14it/s]
Training Step:    15%|              | 15019/100000 [01:58<21:47, 65.01it/s]
```

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Training Step:   15%|           | 15026/100000 [01:58<21:35, 65.60it/s]
Training Step:   15%|           | 15033/100000 [01:59<21:56, 64.55it/s]
Training Step:   15%|           | 15040/100000 [01:59<22:05, 64.10it/s]
Training Step:   15%|           | 15047/100000 [01:59<22:11,
63.79it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:   15%|           | 15054/100000 [01:59<26:33, 53.29it/s]
Training Step:   15%|           | 15061/100000 [01:59<25:12, 56.15it/s]
Training Step:   15%|           | 15068/100000 [01:59<24:04, 58.79it/s]
Training Step:   15%|           | 15075/100000 [01:59<23:06, 61.27it/s]
Training Step:   15%|           | 15082/100000 [01:59<23:19, 60.67it/s]
Training Step:   15%|           | 15089/100000 [01:59<23:00, 61.53it/s]
Training Step:   15%|           | 15096/100000 [02:00<22:38, 62.48it/s]
Training Step:   15%|           | 15103/100000 [02:00<22:31, 62.82it/s]
Training Step:   15%|           | 15110/100000 [02:00<22:18, 63.41it/s]
Training Step:   15%|           | 15117/100000 [02:00<22:51, 61.90it/s]
Training Step:   15%|           | 15124/100000 [02:00<23:15, 60.80it/s]
Training Step:   15%|           | 15131/100000 [02:00<23:20, 60.62it/s]
Training Step:   15%|           | 15138/100000 [02:00<23:21,
60.53it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   15%|           | 15145/100000 [02:00<26:06, 54.16it/s]
Training Step:   15%|           | 15152/100000 [02:01<24:49, 56.98it/s]
Training Step:   15%|           | 15160/100000 [02:01<23:22, 60.49it/s]
Training Step:   15%|           | 15168/100000 [02:01<22:20, 63.27it/s]
Training Step:   15%|           | 15176/100000 [02:01<21:26, 65.96it/s]
Training Step:   15%|           | 15184/100000 [02:01<20:45, 68.09it/s]
Training Step:   15%|           | 15192/100000 [02:01<20:14, 69.82it/s]
Training Step:   15%|           | 15200/100000 [02:01<20:43, 68.20it/s]
Training Step:   15%|           | 15208/100000 [02:01<20:45, 68.08it/s]
Training Step:   15%|           | 15216/100000 [02:01<20:37, 68.52it/s]
Training Step:   15%|           | 15223/100000 [02:02<20:33, 68.73it/s]
Training Step:   15%|           | 15231/100000 [02:02<20:07, 70.22it/s]
Training Step:   15%|           | 15239/100000 [02:02<20:14, 69.79it/s]
Training Step:   15%|           | 15246/100000 [02:02<20:17, 69.64it/s]
Training Step:   15%|           | 15254/100000 [02:02<19:58, 70.70it/s]
Training Step:   15%|           | 15262/100000 [02:02<20:09, 70.05it/s]
Training Step:   15%|           | 15270/100000 [02:02<20:07, 70.18it/s]
Training Step:   15%|           | 15278/100000 [02:02<20:31, 68.77it/s]
Training Step:   15%|           | 15285/100000 [02:02<20:45, 68.00it/s]
Training Step:   15%|           | 15292/100000 [02:03<20:45, 67.99it/s]
Training Step:   15%|           | 15300/100000 [02:03<20:06, 70.18it/s]
Training Step:   15%|           | 15308/100000 [02:03<19:59, 70.62it/s]
Training Step:   15%|           | 15316/100000 [02:03<20:04, 70.33it/s]
Training Step:   15%|           | 15324/100000 [02:03<20:05,
70.22it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
```

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out_of_road.

Training Step:  15%|              | 15332/100000 [02:03<23:21, 60.39it/s]
Training Step:  15%|              | 15340/100000 [02:03<22:06, 63.81it/s]
Training Step:  15%|              | 15348/100000 [02:03<21:11, 66.59it/s]
Training Step:  15%|              | 15356/100000 [02:04<20:47, 67.86it/s]
Training Step:  15%|              | 15363/100000 [02:04<21:21, 66.04it/s]
Training Step:  15%|              | 15370/100000 [02:04<21:10, 66.64it/s]
Training Step:  15%|              | 15377/100000 [02:04<21:12, 66.50it/s]
Training Step:  15%|              | 15384/100000 [02:04<21:45, 64.80it/s]
Training Step:  15%|              | 15391/100000 [02:04<22:53, 61.62it/s]
Training Step:  15%|              | 15398/100000 [02:04<22:47, 61.88it/s]
Training Step:  15%|              | 15405/100000 [02:04<22:07, 63.74it/s]
Training Step:  15%|              | 15412/100000 [02:04<22:04, 63.88it/s]
Training Step:  15%|              | 15419/100000 [02:05<21:30,
65.53it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  15%|              | 15426/100000 [02:05<25:51, 54.52it/s]
Training Step:  15%|              | 15434/100000 [02:05<24:02, 58.62it/s]
Training Step:  15%|              | 15441/100000 [02:05<22:57, 61.39it/s]
Training Step:  15%|              | 15448/100000 [02:05<23:04, 61.09it/s]
Training Step:  15%|              | 15455/100000 [02:05<22:32, 62.49it/s]
Training Step:  15%|              | 15462/100000 [02:05<22:27, 62.74it/s]
Training Step:  15%|              | 15469/100000 [02:05<21:49, 64.56it/s]
Training Step:  15%|              | 15476/100000 [02:05<21:28, 65.58it/s]
Training Step:  15%|              | 15484/100000 [02:06<21:01, 67.02it/s]
Training Step:  15%|              | 15491/100000 [02:06<21:06, 66.73it/s]
Training Step:  15%|              | 15498/100000 [02:06<21:03, 66.90it/s]
Training Step:  16%|              | 15506/100000 [02:06<20:40, 68.11it/s]
Training Step:  16%|              | 15514/100000 [02:06<20:35, 68.38it/s]
Training Step:  16%|              | 15522/100000 [02:06<20:12, 69.68it/s]
Training Step:  16%|              | 15529/100000 [02:06<20:17, 69.38it/s]
Training Step:  16%|              | 15536/100000 [02:06<20:35, 68.39it/s]
Training Step:  16%|              | 15544/100000 [02:06<20:31, 68.56it/s]
Training Step:  16%|              | 15552/100000 [02:07<20:19, 69.25it/s]
Training Step:  16%|              | 15560/100000 [02:07<20:33, 68.43it/s]
Training Step:  16%|              | 15567/100000 [02:07<20:36, 68.30it/s]
Training Step:  16%|              | 15574/100000 [02:07<20:48, 67.64it/s]
Training Step:  16%|              | 15582/100000 [02:07<20:47,
67.69it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  16%|              | 15589/100000 [02:07<23:38, 59.49it/s]
Training Step:  16%|              | 15596/100000 [02:07<23:11, 60.68it/s]
Training Step:  16%|              | 15604/100000 [02:07<22:14, 63.25it/s]
Training Step:  16%|              | 15612/100000 [02:07<21:42, 64.78it/s]
Training Step:  16%|              | 15619/100000 [02:08<21:20, 65.90it/s]
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Training Step:   16%|            | 15626/100000 [02:08<21:45, 64.64it/s]
Training Step:   16%|            | 15633/100000 [02:08<22:05, 63.66it/s]
Training Step:   16%|            | 15640/100000 [02:08<22:33, 62.32it/s]
Training Step:   16%|            | 15647/100000 [02:08<22:53,
61.41it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:   16%|            | 15654/100000 [02:08<26:54, 52.23it/s]
Training Step:   16%|            | 15661/100000 [02:08<25:07, 55.96it/s]
Training Step:   16%|            | 15668/100000 [02:08<23:58, 58.63it/s]
Training Step:   16%|            | 15675/100000 [02:09<23:13, 60.51it/s]
Training Step:   16%|            | 15682/100000 [02:09<22:52, 61.41it/s]
Training Step:   16%|            | 15690/100000 [02:09<22:09, 63.40it/s]
Training Step:   16%|            | 15698/100000 [02:09<21:32, 65.24it/s]
Training Step:   16%|            | 15706/100000 [02:09<21:03, 66.71it/s]
Training Step:   16%|            | 15713/100000 [02:09<22:33,
62.27it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   16%|            | 15720/100000 [02:09<27:53, 50.38it/s]
Training Step:   16%|            | 15726/100000 [02:09<27:08, 51.74it/s]
Training Step:   16%|            | 15733/100000 [02:10<25:20, 55.41it/s]
Training Step:   16%|            | 15740/100000 [02:10<24:41, 56.88it/s]
Training Step:   16%|            | 15747/100000 [02:10<23:21, 60.12it/s]
Training Step:   16%|            | 15754/100000 [02:10<23:01, 61.00it/s]
Training Step:   16%|            | 15761/100000 [02:10<22:30, 62.37it/s]
Training Step:   16%|            | 15768/100000 [02:10<23:23, 60.00it/s]
Training Step:   16%|            | 15775/100000 [02:10<23:06, 60.75it/s]
Training Step:   16%|            | 15782/100000 [02:10<23:27, 59.84it/s]
Training Step:   16%|            | 15789/100000 [02:10<22:54, 61.25it/s]
Training Step:   16%|            | 15796/100000 [02:11<22:13, 63.12it/s]
Training Step:   16%|            | 15803/100000 [02:11<21:40, 64.75it/s]
Training Step:   16%|            | 15810/100000 [02:11<23:46, 59.01it/s]
Training Step:   16%|            | 15817/100000 [02:11<24:55, 56.28it/s]
Training Step:   16%|            | 15823/100000 [02:11<26:20, 53.27it/s]
Training Step:   16%|            | 15829/100000 [02:11<26:56, 52.07it/s]
Training Step:   16%|            | 15835/100000 [02:11<27:03, 51.84it/s]
Training Step:   16%|            | 15841/100000 [02:11<27:08, 51.68it/s]
Training Step:   16%|            | 15847/100000 [02:12<26:59, 51.96it/s]
Training Step:   16%|            | 15853/100000 [02:12<27:09, 51.62it/s]
Training Step:   16%|            | 15859/100000 [02:12<27:21, 51.25it/s]
Training Step:   16%|            | 15865/100000 [02:12<26:53,
52.15it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   16%|            | 15871/100000 [02:12<31:40, 44.26it/s]
Training Step:   16%|            | 15878/100000 [02:12<28:00, 50.05it/s]
Training Step:   16%|            | 15885/100000 [02:12<25:38, 54.69it/s]
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Training Step:  16%|              | 15892/100000 [02:12<24:14, 57.82it/s]
Training Step:  16%|              | 15899/100000 [02:12<23:11, 60.43it/s]
Training Step:  16%|              | 15906/100000 [02:13<23:00, 60.90it/s]
Training Step:  16%|              | 15913/100000 [02:13<22:19, 62.80it/s]
Training Step:  16%|              | 15920/100000 [02:13<21:50, 64.17it/s]
Training Step:  16%|              | 15927/100000 [02:13<21:35, 64.91it/s]
Training Step:  16%|              | 15934/100000 [02:13<22:04, 63.45it/s]
Training Step:  16%|              | 15941/100000 [02:13<21:49, 64.21it/s]
Training Step:  16%|              | 15948/100000 [02:13<21:38, 64.75it/s]
Training Step:  16%|              | 15956/100000 [02:13<20:54, 67.00it/s]
Training Step:  16%|              | 15964/100000 [02:13<20:44, 67.53it/s]
Training Step:  16%|              | 15971/100000 [02:14<20:34, 68.07it/s]
Training Step:  16%|              | 15978/100000 [02:14<20:31, 68.23it/s]
Training Step:  16%|              | 15985/100000 [02:14<20:29, 68.34it/s]
Training Step:  16%|              | 15992/100000 [02:14<21:06, 66.32it/s]
Training Step:  16%|              | 15999/100000 [02:14<21:55, 63.88it/s]
Training Step:  16%|              | 16006/100000 [02:14<23:34, 59.37it/s]
Training Step:  16%|              | 16013/100000 [02:14<23:10, 60.42it/s]
Training Step:  16%|              | 16020/100000 [02:14<22:55, 61.07it/s]
Training Step:  16%|              | 16027/100000 [02:14<22:20, 62.64it/s]
Training Step:  16%|              | 16034/100000 [02:15<22:38, 61.79it/s]
Training Step:  16%|              | 16041/100000 [02:15<22:27, 62.31it/s]
Training Step:  16%|              | 16048/100000 [02:15<22:41, 61.67it/s]
Training Step:  16%|              | 16055/100000 [02:15<22:30, 62.18it/s]
Training Step:  16%|              | 16062/100000 [02:15<22:35, 61.94it/s]
Training Step:  16%|              | 16069/100000 [02:15<24:24, 57.33it/s]
Training Step:  16%|              | 16075/100000 [02:15<25:47, 54.22it/s]
Training Step:  16%|              | 16081/100000 [02:15<25:37, 54.58it/s]
Training Step:  16%|              | 16087/100000 [02:16<25:49, 54.15it/s]
Training Step:  16%|              | 16093/100000 [02:16<25:30, 54.84it/s]
Training Step:  16%|              | 16099/100000 [02:16<25:03, 55.79it/s]
Training Step:  16%|              | 16105/100000 [02:16<24:53, 56.19it/s]
Training Step:  16%|              | 16111/100000 [02:16<24:53, 56.15it/s]
Training Step:  16%|              | 16117/100000 [02:16<26:09, 53.46it/s]
Training Step:  16%|              | 16123/100000 [02:16<26:59, 51.79it/s]
Training Step:  16%|              | 16129/100000 [02:16<27:48, 50.27it/s]
Training Step:  16%|              | 16135/100000 [02:16<27:15, 51.28it/s]
Training Step:  16%|              | 16141/100000 [02:17<26:04, 53.61it/s]
Training Step:  16%|              | 16147/100000 [02:17<25:14, 55.38it/s]
Training Step:  16%|              | 16154/100000 [02:17<24:36, 56.78it/s]
Training Step:  16%|              | 16162/100000 [02:17<23:08, 60.39it/s]
Training Step:  16%|              | 16170/100000 [02:17<22:13, 62.85it/s]
Training Step:  16%|              | 16177/100000 [02:17<22:05, 63.25it/s]
Training Step:  16%|              | 16184/100000 [02:17<22:17, 62.69it/s]
Training Step:  16%|              | 16191/100000 [02:17<22:10, 63.00it/s]
Training Step:  16%|              | 16198/100000 [02:17<22:12, 62.87it/s]
Training Step:  16%|              | 16205/100000 [02:18<22:15, 62.76it/s]
Training Step:  16%|              | 16212/100000 [02:18<22:04, 63.27it/s]
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Training Step:  16%|              | 16219/100000 [02:18<21:32, 64.80it/s]
Training Step:  16%|              | 16226/100000 [02:18<21:50, 63.92it/s]
Training Step:  16%|              | 16233/100000 [02:18<21:52,
63.84it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  16%|              | 16240/100000 [02:18<26:54, 51.87it/s]
Training Step:  16%|              | 16247/100000 [02:18<24:53, 56.07it/s]
Training Step:  16%|              | 16254/100000 [02:18<24:18, 57.43it/s]
Training Step:  16%|              | 16261/100000 [02:18<23:10, 60.22it/s]
Training Step:  16%|              | 16268/100000 [02:19<22:55, 60.88it/s]
Training Step:  16%|              | 16275/100000 [02:19<22:01, 63.34it/s]
Training Step:  16%|              | 16282/100000 [02:19<21:48, 63.98it/s]
Training Step:  16%|              | 16289/100000 [02:19<21:29, 64.94it/s]
Training Step:  16%|              | 16296/100000 [02:19<22:00, 63.41it/s]
Training Step:  16%|              | 16303/100000 [02:19<24:09, 57.76it/s]
Training Step:  16%|              | 16310/100000 [02:19<23:28, 59.40it/s]
Training Step:  16%|              | 16317/100000 [02:19<23:00, 60.61it/s]
Training Step:  16%|              | 16324/100000 [02:20<22:33, 61.81it/s]
Training Step:  16%|              | 16331/100000 [02:20<22:25, 62.18it/s]
Training Step:  16%|              | 16338/100000 [02:20<22:30, 61.95it/s]
Training Step:  16%|              | 16345/100000 [02:20<21:47, 63.99it/s]
Training Step:  16%|              | 16352/100000 [02:20<21:45, 64.06it/s]
Training Step:  16%|              | 16359/100000 [02:20<21:33, 64.64it/s]
Training Step:  16%|              | 16366/100000 [02:20<21:55,
63.57it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  16%|              | 16373/100000 [02:20<25:25, 54.81it/s]
Training Step:  16%|              | 16380/100000 [02:20<24:18, 57.32it/s]
Training Step:  16%|              | 16388/100000 [02:21<23:01, 60.53it/s]
Training Step:  16%|              | 16395/100000 [02:21<22:32, 61.83it/s]
Training Step:  16%|              | 16402/100000 [02:21<22:19, 62.43it/s]
Training Step:  16%|              | 16410/100000 [02:21<21:44, 64.07it/s]
Training Step:  16%|              | 16417/100000 [02:21<21:12, 65.68it/s]
Training Step:  16%|              | 16424/100000 [02:21<20:57, 66.46it/s]
Training Step:  16%|              | 16431/100000 [02:21<20:45, 67.08it/s]
Training Step:  16%|              | 16438/100000 [02:21<20:44, 67.15it/s]
Training Step:  16%|              | 16445/100000 [02:21<20:32, 67.78it/s]
Training Step:  16%|              | 16452/100000 [02:22<20:49, 66.87it/s]
Training Step:  16%|              | 16460/100000 [02:22<20:09, 69.06it/s]
Training Step:  16%|              | 16468/100000 [02:22<20:00, 69.60it/s]
Training Step:  16%|              | 16475/100000 [02:22<20:03, 69.42it/s]
Training Step:  16%|              | 16482/100000 [02:22<20:15, 68.69it/s]
Training Step:  16%|              | 16490/100000 [02:22<20:09, 69.05it/s]
Training Step:  16%|              | 16497/100000 [02:22<21:06, 65.95it/s]
Training Step:  17%|              | 16504/100000 [02:22<20:50, 66.79it/s]
Training Step:  17%|              | 16512/100000 [02:22<20:15, 68.71it/s]
```

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Training Step:  17%|         | 16520/100000 [02:22<20:13, 68.79it/s]
Training Step:  17%|         | 16528/100000 [02:23<20:02, 69.40it/s]
Training Step:  17%|         | 16536/100000 [02:23<19:42, 70.58it/s]
Training Step:  17%|         | 16544/100000 [02:23<20:16, 68.61it/s]
Training Step:  17%|         | 16551/100000 [02:23<20:11, 68.90it/s]
Training Step:  17%|         | 16558/100000 [02:23<20:43, 67.12it/s]
Training Step:  17%|         | 16566/100000 [02:23<20:35,
67.51it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  17%|         | 16573/100000 [02:23<24:23, 57.02it/s]
Training Step:  17%|         | 16580/100000 [02:23<23:11, 59.94it/s]
Training Step:  17%|         | 16587/100000 [02:24<22:20, 62.23it/s]
Training Step:  17%|         | 16594/100000 [02:24<21:53, 63.52it/s]
Training Step:  17%|         | 16601/100000 [02:24<21:24, 64.95it/s]
Training Step:  17%|         | 16608/100000 [02:24<21:49, 63.68it/s]
Training Step:  17%|         | 16615/100000 [02:24<21:28, 64.72it/s]
Training Step:  17%|         | 16622/100000 [02:24<21:45, 63.87it/s]
Training Step:  17%|         | 16629/100000 [02:24<22:08, 62.77it/s]
Training Step:  17%|         | 16636/100000 [02:24<21:57, 63.28it/s]
Training Step:  17%|         | 16644/100000 [02:24<21:28, 64.70it/s]
Training Step:  17%|         | 16652/100000 [02:25<21:02, 66.00it/s]
Training Step:  17%|         | 16659/100000 [02:25<20:55, 66.37it/s]
Training Step:  17%|         | 16666/100000 [02:25<20:47, 66.82it/s]
Training Step:  17%|         | 16674/100000 [02:25<20:34, 67.49it/s]
Training Step:  17%|         | 16681/100000 [02:25<20:28, 67.81it/s]
Training Step:  17%|         | 16688/100000 [02:25<20:56, 66.30it/s]
Training Step:  17%|         | 16695/100000 [02:25<21:07, 65.73it/s]
Training Step:  17%|         | 16702/100000 [02:25<21:18, 65.17it/s]
Training Step:  17%|         | 16710/100000 [02:25<20:51, 66.56it/s]
Training Step:  17%|         | 16717/100000 [02:26<20:45, 66.88it/s]
Training Step:  17%|         | 16724/100000 [02:26<20:49, 66.63it/s]
Training Step:  17%|         | 16731/100000 [02:26<20:39, 67.19it/s]
Training Step:  17%|         | 16738/100000 [02:26<23:24, 59.30it/s]
Training Step:  17%|         | 16745/100000 [02:26<24:02, 57.71it/s]
Training Step:  17%|         | 16751/100000 [02:26<24:21,
56.97it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  17%|         | 16757/100000 [02:26<27:55, 49.69it/s]
Training Step:  17%|         | 16764/100000 [02:26<26:14, 52.86it/s]
Training Step:  17%|         | 16771/100000 [02:26<24:19, 57.03it/s]
Training Step:  17%|         | 16778/100000 [02:27<23:22, 59.33it/s]
Training Step:  17%|         | 16785/100000 [02:27<22:38, 61.24it/s]
Training Step:  17%|         | 16792/100000 [02:27<22:40, 61.14it/s]
Training Step:  17%|         | 16799/100000 [02:27<21:55, 63.23it/s]
Training Step:  17%|         | 16806/100000 [02:27<21:49, 63.52it/s]
Training Step:  17%|         | 16813/100000 [02:27<21:34, 64.26it/s]
```

```
Training Step:   17%|          | 16820/100000 [02:27<21:27, 64.61it/s]
Training Step:   17%|          | 16827/100000 [02:27<21:32, 64.34it/s]
Training Step:   17%|          | 16834/100000 [02:27<21:24, 64.74it/s]
Training Step:   17%|          | 16842/100000 [02:28<21:05, 65.72it/s]
Training Step:   17%|          | 16849/100000 [02:28<21:15, 65.21it/s]
Training Step:   17%|          | 16856/100000 [02:28<21:06, 65.67it/s]
Training Step:   17%|          | 16864/100000 [02:28<20:50, 66.46it/s]
Training Step:   17%|          | 16871/100000 [02:28<20:48, 66.60it/s]
Training Step:   17%|          | 16878/100000 [02:28<20:58, 66.07it/s]
Training Step:   17%|          | 16886/100000 [02:28<20:31, 67.51it/s]
Training Step:   17%|          | 16894/100000 [02:28<20:16, 68.29it/s]
Training Step:   17%|          | 16902/100000 [02:28<19:34, 70.75it/s]
Training Step:   17%|          | 16910/100000 [02:29<19:34, 70.76it/s]
Training Step:   17%|          | 16918/100000 [02:29<19:43, 70.20it/s]
Training Step:   17%|          | 16926/100000 [02:29<19:52, 69.65it/s]
Training Step:   17%|          | 16933/100000 [02:29<20:14, 68.38it/s]
Training Step:   17%|          | 16941/100000 [02:29<19:58, 69.33it/s]
Training Step:   17%|          | 16948/100000 [02:29<20:08, 68.75it/s]
Training Step:   17%|          | 16956/100000 [02:29<19:53, 69.57it/s]
Training Step:   17%|          | 16964/100000 [02:29<19:31, 70.90it/s]
Training Step:   17%|          | 16972/100000 [02:29<19:18, 71.65it/s]
Training Step:   17%|          | 16980/100000 [02:30<19:34, 70.66it/s]
Training Step:   17%|          | 16988/100000 [02:30<19:43, 70.13it/s]
Training Step:   17%|          | 16996/100000 [02:30<19:55, 69.41it/s]
Training Step:   17%|          | 17003/100000 [02:30<19:53,
69.57it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   17%|          | 17010/100000 [02:30<23:47, 58.13it/s]
Training Step:   17%|          | 17017/100000 [02:30<22:41, 60.95it/s]
Training Step:   17%|          | 17024/100000 [02:30<22:22, 61.79it/s]
Training Step:   17%|          | 17032/100000 [02:30<21:21, 64.76it/s]
Training Step:   17%|          | 17040/100000 [02:30<20:36, 67.11it/s]
Training Step:   17%|          | 17048/100000 [02:31<20:22, 67.83it/s]
Training Step:   17%|          | 17055/100000 [02:31<20:24, 67.75it/s]
Training Step:   17%|          | 17062/100000 [02:31<20:33, 67.25it/s]
Training Step:   17%|          | 17069/100000 [02:31<20:56, 65.98it/s]
Training Step:   17%|          | 17076/100000 [02:31<21:20, 64.75it/s]
Training Step:   17%|          | 17083/100000 [02:31<21:20, 64.77it/s]
Training Step:   17%|          | 17090/100000 [02:31<22:19, 61.90it/s]
Training Step:   17%|          | 17097/100000 [02:31<22:08, 62.42it/s]
Training Step:   17%|          | 17104/100000 [02:32<22:05, 62.54it/s]
Training Step:   17%|          | 17111/100000 [02:32<21:40, 63.72it/s]
Training Step:   17%|          | 17118/100000 [02:32<22:30, 61.36it/s]
Training Step:   17%|          | 17125/100000 [02:32<22:34, 61.17it/s]
Training Step:   17%|          | 17132/100000 [02:32<22:49, 60.51it/s]
Training Step:   17%|          | 17139/100000 [02:32<22:27, 61.50it/s]
Training Step:   17%|          | 17146/100000 [02:32<22:56, 60.20it/s]
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Training Step:   17%|              | 17153/100000 [02:32<22:42, 60.79it/s]
Training Step:   17%|              | 17160/100000 [02:32<22:44, 60.73it/s]
Training Step:   17%|              | 17167/100000 [02:33<22:39, 60.93it/s]
Training Step:   17%|              | 17174/100000 [02:33<22:43, 60.75it/s]
Training Step:   17%|              | 17181/100000 [02:33<22:38, 60.95it/s]
Training Step:   17%|              | 17188/100000 [02:33<23:28, 58.78it/s]
Training Step:   17%|              | 17194/100000 [02:33<23:21, 59.10it/s]
Training Step:   17%|              | 17201/100000 [02:33<22:50, 60.43it/s]
Training Step:   17%|              | 17208/100000 [02:33<23:12, 59.46it/s]
Training Step:   17%|              | 17215/100000 [02:33<22:51, 60.36it/s]
Training Step:   17%|              | 17222/100000 [02:33<23:16, 59.27it/s]
Training Step:   17%|              | 17229/100000 [02:34<22:33, 61.16it/s]
Training Step:   17%|              | 17236/100000 [02:34<22:12, 62.11it/s]
Training Step:   17%|              | 17243/100000 [02:34<21:55, 62.90it/s]
Training Step:   17%|              | 17250/100000 [02:34<21:19, 64.70it/s]
Training Step:   17%|              | 17257/100000 [02:34<21:21, 64.55it/s]
Training Step:   17%|              | 17264/100000 [02:34<21:48, 63.21it/s]
Training Step:   17%|              | 17271/100000 [02:34<21:18, 64.73it/s]
Training Step:   17%|              | 17278/100000 [02:34<21:24, 64.40it/s]
Training Step:   17%|              | 17285/100000 [02:34<21:04, 65.42it/s]
Training Step:   17%|              | 17292/100000 [02:35<20:51, 66.06it/s]
Training Step:   17%|              | 17300/100000 [02:35<20:46, 66.34it/s]
Training Step:   17%|              | 17308/100000 [02:35<20:26, 67.40it/s]
Training Step:   17%|              | 17316/100000 [02:35<20:04, 68.62it/s]
Training Step:   17%|              | 17324/100000 [02:35<19:58, 68.96it/s]
Training Step:   17%|              | 17332/100000 [02:35<19:56, 69.09it/s]
Training Step:   17%|              | 17339/100000 [02:35<19:55, 69.15it/s]
Training Step:   17%|              | 17346/100000 [02:35<20:14, 68.07it/s]
Training Step:   17%|              | 17354/100000 [02:35<20:09, 68.35it/s]
Training Step:   17%|              | 17362/100000 [02:36<19:48, 69.51it/s]
Training Step:   17%|              | 17370/100000 [02:36<19:42, 69.90it/s]
Training Step:   17%|              | 17377/100000 [02:36<19:54, 69.16it/s]
Training Step:   17%|              | 17384/100000 [02:36<20:10, 68.24it/s]
Training Step:   17%|              | 17392/100000 [02:36<19:46, 69.60it/s]
Training Step:   17%|              | 17399/100000 [02:36<19:48, 69.52it/s]
Training Step:   17%|              | 17406/100000 [02:36<20:36, 66.78it/s]
Training Step:   17%|              | 17413/100000 [02:36<20:24, 67.46it/s]
Training Step:   17%|              | 17420/100000 [02:36<20:39, 66.63it/s]
Training Step:   17%|              | 17427/100000 [02:37<20:35, 66.83it/s]
Training Step:   17%|              | 17435/100000 [02:37<20:06, 68.45it/s]
Training Step:   17%|              | 17442/100000 [02:37<20:13, 68.02it/s]
Training Step:   17%|              | 17450/100000 [02:37<19:55, 69.08it/s]
Training Step:   17%|              | 17458/100000 [02:37<19:39, 69.99it/s]
Training Step:   17%|              | 17466/100000 [02:37<19:22, 71.01it/s]
Training Step:   17%|              | 17474/100000 [02:37<19:29, 70.56it/s]
Training Step:   17%|              | 17482/100000 [02:37<20:56, 65.68it/s]
Training Step:   17%|              | 17490/100000 [02:37<20:38, 66.65it/s]
Training Step:   17%|              | 17498/100000 [02:38<20:20, 67.59it/s]
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Training Step:    18%|              | 17506/100000 [02:38<20:03, 68.52it/s]
Training Step:    18%|              | 17514/100000 [02:38<19:36, 70.10it/s]
Training Step:    18%|              | 17522/100000 [02:38<19:33, 70.31it/s]
Training Step:    18%|              | 17530/100000 [02:38<19:33, 70.27it/s]
Training Step:    18%|              | 17538/100000 [02:38<19:30, 70.43it/s]
Training Step:    18%|              | 17546/100000 [02:38<19:28, 70.54it/s]
Training Step:    18%|              | 17554/100000 [02:38<19:30, 70.43it/s]
Training Step:    18%|              | 17562/100000 [02:38<19:46, 69.47it/s]
Training Step:    18%|              | 17570/100000 [02:39<19:45, 69.53it/s]
Training Step:    18%|              | 17578/100000 [02:39<19:42,
69.72it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:    18%|              | 17586/100000 [02:39<22:26, 61.20it/s]
Training Step:    18%|              | 17594/100000 [02:39<21:34, 63.64it/s]
Training Step:    18%|              | 17601/100000 [02:39<21:09, 64.93it/s]
Training Step:    18%|              | 17608/100000 [02:39<20:54, 65.66it/s]
Training Step:    18%|              | 17616/100000 [02:39<20:16, 67.73it/s]
Training Step:    18%|              | 17623/100000 [02:39<20:05, 68.35it/s]
Training Step:    18%|              | 17630/100000 [02:39<20:20, 67.48it/s]
Training Step:    18%|              | 17637/100000 [02:40<20:07, 68.20it/s]
Training Step:    18%|              | 17644/100000 [02:40<21:00, 65.33it/s]
Training Step:    18%|              | 17651/100000 [02:40<21:10, 64.82it/s]
Training Step:    18%|              | 17658/100000 [02:40<21:34, 63.59it/s]
Training Step:    18%|              | 17665/100000 [02:40<21:23, 64.13it/s]
Training Step:    18%|              | 17672/100000 [02:40<21:40, 63.29it/s]
Training Step:    18%|              | 17679/100000 [02:40<21:52, 62.71it/s]
Training Step:    18%|              | 17686/100000 [02:40<22:22, 61.34it/s]
Training Step:    18%|              | 17693/100000 [02:40<22:00, 62.34it/s]
Training Step:    18%|              | 17700/100000 [02:41<22:27, 61.08it/s]
Training Step:    18%|              | 17707/100000 [02:41<22:54, 59.88it/s]
Training Step:    18%|              | 17714/100000 [02:41<23:24, 58.57it/s]
Training Step:    18%|              | 17720/100000 [02:41<23:15, 58.94it/s]
Training Step:    18%|              | 17727/100000 [02:41<22:23, 61.23it/s]
Training Step:    18%|              | 17734/100000 [02:41<22:35, 60.71it/s]
Training Step:    18%|              | 17741/100000 [02:41<22:40, 60.47it/s]
Training Step:    18%|              | 17748/100000 [02:41<23:13, 59.04it/s]
Training Step:    18%|              | 17755/100000 [02:42<22:37, 60.57it/s]
Training Step:    18%|              | 17762/100000 [02:42<22:21, 61.28it/s]
Training Step:    18%|              | 17769/100000 [02:42<21:52, 62.66it/s]
Training Step:    18%|              | 17776/100000 [02:42<21:39, 63.29it/s]
Training Step:    18%|              | 17783/100000 [02:42<21:28, 63.81it/s]
Training Step:    18%|              | 17790/100000 [02:42<21:14, 64.49it/s]
Training Step:    18%|              | 17798/100000 [02:42<20:17, 67.54it/s]
Training Step:    18%|              | 17805/100000 [02:42<20:08, 68.00it/s]
Training Step:    18%|              | 17812/100000 [02:42<20:11, 67.86it/s]
Training Step:    18%|              | 17820/100000 [02:42<20:01, 68.41it/s]
Training Step:    18%|              | 17828/100000 [02:43<19:28, 70.35it/s]
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Training Step:   18%|        | 17836/100000 [02:43<19:28, 70.29it/s]
Training Step:   18%|        | 17844/100000 [02:43<20:23, 67.15it/s]
Training Step:   18%|        | 17851/100000 [02:43<20:13, 67.72it/s]
Training Step:   18%|        | 17858/100000 [02:43<20:23, 67.13it/s]
Training Step:   18%|        | 17865/100000 [02:43<20:24, 67.09it/s]
Training Step:   18%|        | 17872/100000 [02:43<20:45, 65.95it/s]
Training Step:   18%|        | 17879/100000 [02:43<20:24, 67.09it/s]
Training Step:   18%|        | 17887/100000 [02:43<19:46, 69.21it/s]
Training Step:   18%|        | 17894/100000 [02:44<19:59, 68.45it/s]
Training Step:   18%|        | 17902/100000 [02:44<19:36, 69.77it/s]
Training Step:   18%|        | 17910/100000 [02:44<19:23, 70.53it/s]
Training Step:   18%|        | 17918/100000 [02:44<19:15, 71.05it/s]
Training Step:   18%|        | 17926/100000 [02:44<19:00, 71.97it/s]
Training Step:   18%|        | 17934/100000 [02:44<21:17, 64.25it/s]
Training Step:   18%|        | 17941/100000 [02:44<21:01, 65.06it/s]
Training Step:   18%|        | 17948/100000 [02:44<20:55, 65.33it/s]
Training Step:   18%|        | 17955/100000 [02:44<20:35, 66.43it/s]
Training Step:   18%|        | 17962/100000 [02:45<20:33, 66.50it/s]
Training Step:   18%|        | 17970/100000 [02:45<19:59, 68.38it/s]
Training Step:   18%|        | 17978/100000 [02:45<19:53, 68.75it/s]
Training Step:   18%|        | 17985/100000 [02:45<20:21, 67.13it/s]
Training Step:   18%|        | 17992/100000 [02:45<20:20, 67.18it/s]
Training Step:   18%|        | 18000/100000 [02:45<21:17, 64.19it/s]
Training Step:   18%|        | 18008/100000 [02:45<20:48, 65.66it/s]
Training Step:   18%|        | 18016/100000 [02:45<20:08,
67.81it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:   18%|        | 18024/100000 [02:46<23:26, 58.27it/s]
Training Step:   18%|        | 18032/100000 [02:46<22:32, 60.60it/s]
Training Step:   18%|        | 18040/100000 [02:46<21:21, 63.98it/s]
Training Step:   18%|        | 18047/100000 [02:46<20:50, 65.53it/s]
Training Step:   18%|        | 18054/100000 [02:46<21:10, 64.48it/s]
Training Step:   18%|        | 18062/100000 [02:46<20:51, 65.49it/s]
Training Step:   18%|        | 18069/100000 [02:46<21:01, 64.95it/s]
Training Step:   18%|        | 18076/100000 [02:46<21:39, 63.06it/s]
Training Step:   18%|        | 18083/100000 [02:46<21:49, 62.57it/s]
Training Step:   18%|        | 18090/100000 [02:47<21:52, 62.39it/s]
Training Step:   18%|        | 18097/100000 [02:47<21:48, 62.58it/s]
Training Step:   18%|        | 18104/100000 [02:47<21:56, 62.23it/s]
Training Step:   18%|        | 18111/100000 [02:47<21:36, 63.15it/s]
Training Step:   18%|        | 18118/100000 [02:47<22:33, 60.52it/s]
Training Step:   18%|        | 18125/100000 [02:47<22:20, 61.10it/s]
Training Step:   18%|        | 18132/100000 [02:47<22:38, 60.24it/s]
Training Step:   18%|        | 18139/100000 [02:47<22:13, 61.38it/s]
Training Step:   18%|        | 18146/100000 [02:48<22:15, 61.29it/s]
Training Step:   18%|        | 18153/100000 [02:48<21:48, 62.54it/s]
Training Step:   18%|        | 18160/100000 [02:48<21:45, 62.69it/s]
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Training Step:  18%|            | 18167/100000 [02:48<21:42, 62.80it/s]
Training Step:  18%|            | 18174/100000 [02:48<21:48, 62.55it/s]
Training Step:  18%|            | 18181/100000 [02:48<21:41, 62.87it/s]
Training Step:  18%|            | 18188/100000 [02:48<21:43, 62.76it/s]
Training Step:  18%|            | 18195/100000 [02:48<21:44, 62.73it/s]
Training Step:  18%|            | 18202/100000 [02:48<21:45, 62.66it/s]
Training Step:  18%|            | 18209/100000 [02:48<21:22, 63.78it/s]
Training Step:  18%|            | 18216/100000 [02:49<21:40, 62.88it/s]
Training Step:  18%|            | 18223/100000 [02:49<21:07, 64.51it/s]
Training Step:  18%|            | 18230/100000 [02:49<21:30, 63.38it/s]
Training Step:  18%|            | 18237/100000 [02:49<21:23, 63.70it/s]
Training Step:  18%|            | 18244/100000 [02:49<21:26, 63.53it/s]
Training Step:  18%|            | 18251/100000 [02:49<23:37, 57.66it/s]
Training Step:  18%|            | 18258/100000 [02:49<23:25,
58.16it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  18%|            | 18264/100000 [02:49<26:26, 51.53it/s]
Training Step:  18%|            | 18272/100000 [02:50<24:15, 56.15it/s]
Training Step:  18%|            | 18279/100000 [02:50<23:13, 58.64it/s]
Training Step:  18%|            | 18286/100000 [02:50<22:29, 60.57it/s]
Training Step:  18%|            | 18294/100000 [02:50<21:21, 63.74it/s]
Training Step:  18%|            | 18302/100000 [02:50<21:03, 64.65it/s]
Training Step:  18%|            | 18310/100000 [02:50<20:19, 66.97it/s]
Training Step:  18%|            | 18317/100000 [02:50<20:11, 67.43it/s]
Training Step:  18%|            | 18324/100000 [02:50<20:31, 66.30it/s]
Training Step:  18%|            | 18332/100000 [02:50<20:04, 67.78it/s]
Training Step:  18%|            | 18340/100000 [02:51<19:42, 69.03it/s]
Training Step:  18%|            | 18347/100000 [02:51<19:39, 69.22it/s]
Training Step:  18%|            | 18354/100000 [02:51<20:13, 67.28it/s]
Training Step:  18%|            | 18362/100000 [02:51<19:45, 68.86it/s]
Training Step:  18%|            | 18370/100000 [02:51<19:42, 69.01it/s]
Training Step:  18%|            | 18377/100000 [02:51<19:45, 68.83it/s]
Training Step:  18%|            | 18384/100000 [02:51<20:19, 66.90it/s]
Training Step:  18%|            | 18392/100000 [02:51<19:58, 68.10it/s]
Training Step:  18%|            | 18400/100000 [02:51<19:44, 68.89it/s]
Training Step:  18%|            | 18408/100000 [02:52<19:35, 69.43it/s]
Training Step:  18%|            | 18416/100000 [02:52<19:15, 70.60it/s]
Training Step:  18%|            | 18424/100000 [02:52<19:23,
70.09it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  18%|            | 18432/100000 [02:52<24:51, 54.70it/s]
Training Step:  18%|            | 18440/100000 [02:52<23:27, 57.96it/s]
Training Step:  18%|            | 18447/100000 [02:52<22:42, 59.83it/s]
Training Step:  18%|            | 18454/100000 [02:52<22:29, 60.41it/s]
Training Step:  18%|            | 18461/100000 [02:52<21:53, 62.08it/s]
Training Step:  18%|            | 18468/100000 [02:53<21:30, 63.18it/s]
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Training Step:   18%|              | 18475/100000 [02:53<21:20, 63.65it/s]
Training Step:   18%|              | 18482/100000 [02:53<21:17, 63.82it/s]
Training Step:   18%|              | 18489/100000 [02:53<21:07, 64.29it/s]
Training Step:   18%|              | 18496/100000 [02:53<21:18, 63.74it/s]
Training Step:   19%|              | 18503/100000 [02:53<22:21, 60.74it/s]
Training Step:   19%|              | 18510/100000 [02:53<23:30, 57.78it/s]
Training Step:   19%|              | 18516/100000 [02:53<24:07, 56.31it/s]
Training Step:   19%|              | 18522/100000 [02:53<24:30, 55.39it/s]
Training Step:   19%|              | 18528/100000 [02:54<24:59, 54.34it/s]
Training Step:   19%|              | 18534/100000 [02:54<25:17, 53.70it/s]
Training Step:   19%|              | 18540/100000 [02:54<25:06, 54.08it/s]
Training Step:   19%|              | 18546/100000 [02:54<25:02, 54.22it/s]
Training Step:   19%|              | 18552/100000 [02:54<25:19, 53.60it/s]
Training Step:   19%|              | 18558/100000 [02:54<25:54, 52.39it/s]
Training Step:   19%|              | 18564/100000 [02:54<26:18, 51.58it/s]
Training Step:   19%|              | 18570/100000 [02:54<26:15, 51.70it/s]
Training Step:   19%|              | 18576/100000 [02:55<25:54, 52.38it/s]
Training Step:   19%|              | 18582/100000 [02:55<26:24, 51.38it/s]
Training Step:   19%|              | 18588/100000 [02:55<26:41, 50.83it/s]
Training Step:   19%|              | 18594/100000 [02:55<26:00, 52.17it/s]
Training Step:   19%|              | 18600/100000 [02:55<25:16, 53.66it/s]
Training Step:   19%|              | 18606/100000 [02:55<24:40, 54.96it/s]
Training Step:   19%|              | 18612/100000 [02:55<25:12, 53.80it/s]
Training Step:   19%|              | 18618/100000 [02:55<25:10, 53.88it/s]
Training Step:   19%|              | 18624/100000 [02:55<24:48, 54.67it/s]
Training Step:   19%|              | 18630/100000 [02:56<24:52, 54.51it/s]
Training Step:   19%|              | 18636/100000 [02:56<25:03, 54.12it/s]
Training Step:   19%|              | 18642/100000 [02:56<26:04, 52.01it/s]
Training Step:   19%|              | 18648/100000 [02:56<26:43, 50.74it/s]
Training Step:   19%|              | 18654/100000 [02:56<26:30, 51.15it/s]
Training Step:   19%|              | 18660/100000 [02:56<26:04, 51.99it/s]
Training Step:   19%|              | 18666/100000 [02:56<26:18, 51.51it/s]
Training Step:   19%|              | 18672/100000 [02:56<27:08, 49.95it/s]
Training Step:   19%|              | 18678/100000 [02:56<27:09,
49.90it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   19%|              | 18684/100000 [02:57<32:21, 41.88it/s]
Training Step:   19%|              | 18691/100000 [02:57<28:32, 47.49it/s]
Training Step:   19%|              | 18698/100000 [02:57<25:56, 52.24it/s]
Training Step:   19%|              | 18705/100000 [02:57<23:54, 56.69it/s]
Training Step:   19%|              | 18712/100000 [02:57<22:46, 59.50it/s]
Training Step:   19%|              | 18719/100000 [02:57<22:04, 61.38it/s]
Training Step:   19%|              | 18726/100000 [02:57<22:13, 60.97it/s]
Training Step:   19%|              | 18733/100000 [02:57<21:27, 63.11it/s]
Training Step:   19%|              | 18740/100000 [02:58<21:20, 63.44it/s]
Training Step:   19%|              | 18747/100000 [02:58<20:51, 64.92it/s]
Training Step:   19%|              | 18754/100000 [02:58<21:06, 64.17it/s]
```

```
Training Step:   19%|              | 18761/100000 [02:58<21:09, 64.01it/s]
Training Step:   19%|              | 18768/100000 [02:58<21:32, 62.86it/s]
Training Step:   19%|              | 18775/100000 [02:58<21:17, 63.60it/s]
Training Step:   19%|              | 18782/100000 [02:58<21:02, 64.35it/s]
Training Step:   19%|              | 18790/100000 [02:58<20:38, 65.58it/s]
Training Step:   19%|              | 18797/100000 [02:58<20:28, 66.08it/s]
Training Step:   19%|              | 18804/100000 [02:59<20:51, 64.88it/s]
Training Step:   19%|              | 18811/100000 [02:59<20:57, 64.58it/s]
Training Step:   19%|              | 18818/100000 [02:59<21:09, 63.94it/s]
Training Step:   19%|              | 18825/100000 [02:59<21:03, 64.24it/s]
Training Step:   19%|              | 18832/100000 [02:59<21:29, 62.94it/s]
Training Step:   19%|              | 18839/100000 [02:59<21:00, 64.36it/s]
Training Step:   19%|              | 18846/100000 [02:59<21:08, 63.97it/s]
Training Step:   19%|              | 18853/100000 [02:59<20:49, 64.93it/s]
Training Step:   19%|              | 18860/100000 [02:59<21:46, 62.12it/s]
Training Step:   19%|              | 18867/100000 [03:00<21:21, 63.30it/s]
Training Step:   19%|              | 18874/100000 [03:00<22:00, 61.42it/s]
Training Step:   19%|              | 18881/100000 [03:00<23:09, 58.40it/s]
Training Step:   19%|              | 18887/100000 [03:00<23:55, 56.50it/s]
Training Step:   19%|              | 18893/100000 [03:00<24:28, 55.22it/s]
Training Step:   19%|              | 18899/100000 [03:00<24:48, 54.47it/s]
Training Step:   19%|              | 18905/100000 [03:00<25:17, 53.42it/s]
Training Step:   19%|              | 18911/100000 [03:00<25:32, 52.92it/s]
Training Step:   19%|              | 18917/100000 [03:00<25:26, 53.11it/s]
Training Step:   19%|              | 18923/100000 [03:01<25:26, 53.10it/s]
Training Step:   19%|              | 18929/100000 [03:01<25:34, 52.82it/s]
Training Step:   19%|              | 18935/100000 [03:01<26:32, 50.89it/s]
Training Step:   19%|              | 18941/100000 [03:01<27:02, 49.97it/s]
Training Step:   19%|              | 18947/100000 [03:01<27:21, 49.37it/s]
Training Step:   19%|              | 18952/100000 [03:01<27:24, 49.28it/s]
Training Step:   19%|              | 18957/100000 [03:01<27:27, 49.21it/s]
Training Step:   19%|              | 18963/100000 [03:01<27:01, 49.99it/s]
Training Step:   19%|              | 18969/100000 [03:01<26:43, 50.53it/s]
Training Step:   19%|              | 18975/100000 [03:02<26:36, 50.76it/s]
Training Step:   19%|              | 18981/100000 [03:02<26:22, 51.19it/s]
Training Step:   19%|              | 18987/100000 [03:02<26:38, 50.69it/s]
Training Step:   19%|              | 18993/100000 [03:02<26:32, 50.86it/s]
Training Step:   19%|              | 18999/100000 [03:02<26:50, 50.29it/s]
Training Step:   19%|              | 19005/100000 [03:02<26:33, 50.82it/s]
Training Step:   19%|              | 19011/100000 [03:02<26:45, 50.45it/s]
Training Step:   19%|              | 19017/100000 [03:02<26:29, 50.95it/s]
Training Step:   19%|              | 19023/100000 [03:03<25:45, 52.39it/s]
Training Step:   19%|              | 19029/100000 [03:03<25:25, 53.07it/s]
Training Step:   19%|              | 19035/100000 [03:03<25:48, 52.27it/s]
Training Step:   19%|              | 19041/100000 [03:03<25:45, 52.38it/s]
Training Step:   19%|              | 19047/100000 [03:03<26:16, 51.36it/s]
Training Step:   19%|              | 19053/100000 [03:03<26:29, 50.93it/s]
Training Step:   19%|              | 19059/100000 [03:03<26:20, 51.21it/s]
```

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Training Step:   19%|              | 19065/100000 [03:03<26:03, 51.77it/s]
Training Step:   19%|              | 19071/100000 [03:03<25:55, 52.02it/s]
Training Step:   19%|              | 19077/100000 [03:04<26:17, 51.29it/s]
Training Step:   19%|              | 19083/100000 [03:04<26:25, 51.03it/s]
Training Step:   19%|              | 19089/100000 [03:04<26:16, 51.33it/s]
Training Step:   19%|              | 19095/100000 [03:04<26:15, 51.34it/s]
Training Step:   19%|              | 19101/100000 [03:04<27:17, 49.42it/s]
Training Step:   19%|              | 19106/100000 [03:04<27:37, 48.81it/s]
Training Step:   19%|              | 19112/100000 [03:04<27:07, 49.69it/s]
Training Step:   19%|              | 19118/100000 [03:04<27:07, 49.69it/s]
Training Step:   19%|              | 19124/100000 [03:05<27:16, 49.41it/s]
Training Step:   19%|              | 19130/100000 [03:05<27:14, 49.46it/s]
Training Step:   19%|              | 19136/100000 [03:05<27:32, 48.95it/s]
Training Step:   19%|              | 19142/100000 [03:05<27:20, 49.30it/s]
Training Step:   19%|              | 19148/100000 [03:05<26:49, 50.24it/s]
Training Step:   19%|              | 19154/100000 [03:05<26:42, 50.45it/s]
Training Step:   19%|              | 19160/100000 [03:05<26:52, 50.13it/s]
Training Step:   19%|              | 19166/100000 [03:05<26:45, 50.35it/s]
Training Step:   19%|              | 19172/100000 [03:05<26:16, 51.26it/s]
Training Step:   19%|              | 19178/100000 [03:06<25:59, 51.81it/s]
Training Step:   19%|              | 19184/100000 [03:06<25:32, 52.74it/s]
Training Step:   19%|              | 19190/100000 [03:06<25:21, 53.13it/s]
Training Step:   19%|              | 19196/100000 [03:06<25:17, 53.26it/s]
Training Step:   19%|              | 19202/100000 [03:06<25:18, 53.21it/s]
Training Step:   19%|              | 19208/100000 [03:06<25:35, 52.62it/s]
Training Step:   19%|              | 19214/100000 [03:06<27:08, 49.62it/s]
Training Step:   19%|              | 19220/100000 [03:06<26:27, 50.87it/s]
Training Step:   19%|              | 19226/100000 [03:07<25:55, 51.92it/s]
Training Step:   19%|              | 19232/100000 [03:07<25:04, 53.67it/s]
Training Step:   19%|              | 19238/100000 [03:07<24:28, 55.00it/s]
Training Step:   19%|              | 19244/100000 [03:07<23:53, 56.32it/s]
Training Step:   19%|              | 19250/100000 [03:07<23:59, 56.09it/s]
Training Step:   19%|              | 19256/100000 [03:07<23:55, 56.24it/s]
Training Step:   19%|              | 19263/100000 [03:07<23:11, 58.01it/s]
Training Step:   19%|              | 19269/100000 [03:07<23:17, 57.76it/s]
Training Step:   19%|              | 19275/100000 [03:07<23:18, 57.74it/s]
Training Step:   19%|              | 19281/100000 [03:07<23:42, 56.76it/s]
Training Step:   19%|              | 19287/100000 [03:08<23:21, 57.58it/s]
Training Step:   19%|              | 19293/100000 [03:08<23:27, 57.34it/s]
Training Step:   19%|              | 19300/100000 [03:08<23:04, 58.29it/s]
Training Step:   19%|              | 19307/100000 [03:08<22:27, 59.90it/s]
Training Step:   19%|              | 19313/100000 [03:08<22:39, 59.34it/s]
Training Step:   19%|              | 19320/100000 [03:08<22:36, 59.50it/s]
Training Step:   19%|              | 19326/100000 [03:08<22:35, 59.54it/s]
Training Step:   19%|              | 19332/100000 [03:08<22:36, 59.48it/s]
Training Step:   19%|              | 19338/100000 [03:08<22:39, 59.35it/s]
Training Step:   19%|              | 19345/100000 [03:09<22:20, 60.19it/s]
Training Step:   19%|              | 19352/100000 [03:09<22:33, 59.58it/s]
```

```
Training Step:  19%|            | 19358/100000 [03:09<22:39, 59.33it/s]
Training Step:  19%|            | 19364/100000 [03:09<22:38, 59.35it/s]
Training Step:  19%|            | 19370/100000 [03:09<22:38, 59.35it/s]
Training Step:  19%|            | 19377/100000 [03:09<22:12, 60.51it/s]
Training Step:  19%|            | 19384/100000 [03:09<22:42, 59.16it/s]
Training Step:  19%|            | 19390/100000 [03:09<23:07, 58.10it/s]
Training Step:  19%|            | 19396/100000 [03:09<23:06, 58.15it/s]
Training Step:  19%|            | 19403/100000 [03:10<22:27, 59.81it/s]
Training Step:  19%|            | 19409/100000 [03:10<22:52, 58.70it/s]
Training Step:  19%|            | 19415/100000 [03:10<23:24, 57.37it/s]
Training Step:  19%|            | 19421/100000 [03:10<23:19, 57.59it/s]
Training Step:  19%|            | 19428/100000 [03:10<23:09, 57.99it/s]
Training Step:  19%|            | 19435/100000 [03:10<22:48, 58.88it/s]
Training Step:  19%|            | 19441/100000 [03:10<22:52, 58.70it/s]
Training Step:  19%|            | 19447/100000 [03:10<23:22, 57.45it/s]
Training Step:  19%|            | 19454/100000 [03:10<23:18, 57.58it/s]
Training Step:  19%|            | 19461/100000 [03:11<22:51, 58.73it/s]
Training Step:  19%|            | 19467/100000 [03:11<22:44, 59.03it/s]
Training Step:  19%|            | 19473/100000 [03:11<22:55, 58.56it/s]
Training Step:  19%|            | 19479/100000 [03:11<23:32, 57.02it/s]
Training Step:  19%|            | 19485/100000 [03:11<23:11, 57.86it/s]
Training Step:  19%|            | 19491/100000 [03:11<23:12, 57.81it/s]
Training Step:  19%|            | 19497/100000 [03:11<23:05, 58.11it/s]
Training Step:  20%|            | 19503/100000 [03:11<24:00,
55.90it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  20%|            | 19509/100000 [03:11<28:02, 47.84it/s]
Training Step:  20%|            | 19514/100000 [03:12<28:25, 47.19it/s]
Training Step:  20%|            | 19521/100000 [03:12<25:38, 52.32it/s]
Training Step:  20%|            | 19528/100000 [03:12<24:30, 54.72it/s]
Training Step:  20%|            | 19534/100000 [03:12<24:08, 55.54it/s]
Training Step:  20%|            | 19540/100000 [03:12<23:52, 56.16it/s]
Training Step:  20%|            | 19547/100000 [03:12<22:58, 58.38it/s]
Training Step:  20%|            | 19554/100000 [03:12<22:18, 60.10it/s]
Training Step:  20%|            | 19561/100000 [03:12<21:44, 61.66it/s]
Training Step:  20%|            | 19568/100000 [03:12<21:50, 61.35it/s]
Training Step:  20%|            | 19575/100000 [03:13<21:24, 62.63it/s]
Training Step:  20%|            | 19582/100000 [03:13<21:19, 62.85it/s]
Training Step:  20%|            | 19589/100000 [03:13<21:00, 63.78it/s]
Training Step:  20%|            | 19596/100000 [03:13<21:39, 61.87it/s]
Training Step:  20%|            | 19603/100000 [03:13<20:53, 64.11it/s]
Training Step:  20%|            | 19610/100000 [03:13<20:52, 64.20it/s]
Training Step:  20%|            | 19617/100000 [03:13<20:27, 65.47it/s]
Training Step:  20%|            | 19624/100000 [03:13<20:27, 65.46it/s]
Training Step:  20%|            | 19631/100000 [03:13<20:14, 66.19it/s]
Training Step:  20%|            | 19638/100000 [03:13<20:45, 64.52it/s]
Training Step:  20%|            | 19645/100000 [03:14<20:45, 64.53it/s]
```

```
Training Step:   20%|              | 19652/100000 [03:14<21:23, 62.61it/s]
Training Step:   20%|              | 19659/100000 [03:14<21:12, 63.15it/s]
Training Step:   20%|              | 19666/100000 [03:14<21:14, 63.01it/s]
Training Step:   20%|              | 19673/100000 [03:14<20:54, 64.03it/s]
Training Step:   20%|              | 19680/100000 [03:14<21:46, 61.48it/s]
Training Step:   20%|              | 19687/100000 [03:14<21:19, 62.75it/s]
Training Step:   20%|              | 19694/100000 [03:14<21:17, 62.84it/s]
Training Step:   20%|              | 19701/100000 [03:15<21:06, 63.42it/s]
Training Step:   20%|              | 19708/100000 [03:15<21:15, 62.97it/s]
Training Step:   20%|              | 19715/100000 [03:15<20:50, 64.21it/s]
Training Step:   20%|              | 19722/100000 [03:15<20:46, 64.39it/s]
Training Step:   20%|              | 19730/100000 [03:15<20:20, 65.76it/s]
Training Step:   20%|              | 19738/100000 [03:15<19:59, 66.93it/s]
Training Step:   20%|              | 19745/100000 [03:15<19:44, 67.78it/s]
Training Step:   20%|              | 19752/100000 [03:15<19:56, 67.08it/s]
Training Step:   20%|              | 19760/100000 [03:15<19:52, 67.31it/s]
Training Step:   20%|              | 19767/100000 [03:15<19:42, 67.87it/s]
Training Step:   20%|              | 19775/100000 [03:16<19:13, 69.54it/s]
Training Step:   20%|              | 19783/100000 [03:16<19:05, 70.05it/s]
Training Step:   20%|              | 19791/100000 [03:16<19:07, 69.93it/s]
Training Step:   20%|              | 19798/100000 [03:16<19:12, 69.58it/s]
Training Step:   20%|              | 19805/100000 [03:16<21:11, 63.08it/s]
Training Step:   20%|              | 19812/100000 [03:16<21:11, 63.08it/s]
Training Step:   20%|              | 19819/100000 [03:16<20:54, 63.92it/s]
Training Step:   20%|              | 19826/100000 [03:16<21:07, 63.25it/s]
Training Step:   20%|              | 19833/100000 [03:16<20:38, 64.72it/s]
Training Step:   20%|              | 19840/100000 [03:17<20:34, 64.91it/s]
Training Step:   20%|              | 19848/100000 [03:17<20:02, 66.66it/s]
Training Step:   20%|              | 19856/100000 [03:17<20:01, 66.69it/s]
Training Step:   20%|              | 19864/100000 [03:17<19:34, 68.23it/s]
Training Step:   20%|              | 19872/100000 [03:17<19:26, 68.68it/s]
Training Step:   20%|              | 19880/100000 [03:17<19:14, 69.38it/s]
Training Step:   20%|              | 19888/100000 [03:17<19:09, 69.71it/s]
Training Step:   20%|              | 19896/100000 [03:17<19:14, 69.39it/s]
Training Step:   20%|              | 19904/100000 [03:18<18:58, 70.36it/s]
Training Step:   20%|              | 19912/100000 [03:18<18:50, 70.87it/s]
Training Step:   20%|              | 19920/100000 [03:18<18:44, 71.23it/s]
Training Step:   20%|              | 19928/100000 [03:18<18:49, 70.91it/s]
Training Step:   20%|              | 19936/100000 [03:18<18:52, 70.69it/s]
Training Step:   20%|              | 19944/100000 [03:18<18:55, 70.53it/s]
Training Step:   20%|              | 19952/100000 [03:18<18:50, 70.80it/s]
Training Step:   20%|              | 19960/100000 [03:18<19:00, 70.18it/s]
Training Step:   20%|              | 19968/100000 [03:18<20:25, 65.28it/s]
Training Step:   20%|              | 19976/100000 [03:19<20:03, 66.51it/s]
Training Step:   20%|              | 19983/100000 [03:19<19:50, 67.22it/s]
Training Step:   20%|              | 19990/100000 [03:19<19:37, 67.94it/s]
Training Step:   20%|              | 19998/100000 [03:19<19:28, 68.44it/s]
Training Step:   20%|              | 20005/100000 [03:19<20:13, 65.95it/s]
```

```
Training Step:   20%|              | 20012/100000 [03:19<19:59, 66.70it/s]
Training Step:   20%|              | 20019/100000 [03:19<19:52, 67.06it/s]
Training Step:   20%|              | 20026/100000 [03:19<20:07, 66.20it/s]
Training Step:   20%|              | 20034/100000 [03:19<19:39, 67.82it/s]
Training Step:   20%|              | 20042/100000 [03:20<19:35, 67.99it/s]
Training Step:   20%|              | 20050/100000 [03:20<19:30, 68.29it/s]
Training Step:   20%|              | 20058/100000 [03:20<19:27, 68.50it/s]
Training Step:   20%|              | 20066/100000 [03:20<19:07, 69.64it/s]
Training Step:   20%|              | 20074/100000 [03:20<19:01, 69.99it/s]
Training Step:   20%|              | 20082/100000 [03:20<20:07, 66.19it/s]
Training Step:   20%|              | 20089/100000 [03:20<20:39, 64.47it/s]
Training Step:   20%|              | 20096/100000 [03:20<20:47, 64.07it/s]
Training Step:   20%|              | 20103/100000 [03:20<20:33, 64.79it/s]
Training Step:   20%|              | 20110/100000 [03:21<21:19, 62.45it/s]
Training Step:   20%|              | 20117/100000 [03:21<20:51, 63.84it/s]
Training Step:   20%|              | 20124/100000 [03:21<20:58, 63.48it/s]
Training Step:   20%|              | 20131/100000 [03:21<20:37, 64.55it/s]
Training Step:   20%|              | 20138/100000 [03:21<20:39, 64.45it/s]
Training Step:   20%|              | 20145/100000 [03:21<20:13, 65.83it/s]
Training Step:   20%|              | 20152/100000 [03:21<19:58, 66.64it/s]
Training Step:   20%|              | 20159/100000 [03:21<19:47, 67.22it/s]
Training Step:   20%|              | 20166/100000 [03:21<20:41, 64.29it/s]
Training Step:   20%|              | 20174/100000 [03:22<20:02, 66.41it/s]
Training Step:   20%|              | 20182/100000 [03:22<19:47, 67.21it/s]
Training Step:   20%|              | 20190/100000 [03:22<19:31, 68.11it/s]
Training Step:   20%|              | 20197/100000 [03:22<20:01, 66.43it/s]
Training Step:   20%|              | 20204/100000 [03:22<20:45, 64.05it/s]
Training Step:   20%|              | 20211/100000 [03:22<20:59, 63.36it/s]
Training Step:   20%|              | 20218/100000 [03:22<21:41, 61.28it/s]
Training Step:   20%|              | 20225/100000 [03:22<21:57, 60.55it/s]
Training Step:   20%|              | 20232/100000 [03:22<22:43, 58.52it/s]
Training Step:   20%|              | 20238/100000 [03:23<22:47, 58.32it/s]
Training Step:   20%|              | 20244/100000 [03:23<22:41, 58.59it/s]
Training Step:   20%|              | 20251/100000 [03:23<22:17, 59.64it/s]
Training Step:   20%|              | 20257/100000 [03:23<22:59,
57.82it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:   20%|              | 20263/100000 [03:23<27:59, 47.48it/s]
Training Step:   20%|              | 20270/100000 [03:23<25:26, 52.23it/s]
Training Step:   20%|              | 20276/100000 [03:23<25:21, 52.40it/s]
Training Step:   20%|              | 20284/100000 [03:23<23:13, 57.21it/s]
Training Step:   20%|              | 20292/100000 [03:24<22:04, 60.20it/s]
Training Step:   20%|              | 20299/100000 [03:24<22:43, 58.46it/s]
Training Step:   20%|              | 20305/100000 [03:24<22:47, 58.26it/s]
Training Step:   20%|              | 20311/100000 [03:24<22:50, 58.16it/s]
Training Step:   20%|              | 20318/100000 [03:24<22:41, 58.52it/s]
Training Step:   20%|              | 20324/100000 [03:24<23:05, 57.51it/s]
```

```
Training Step:  20%|        | 20330/100000 [03:24<23:07, 57.41it/s]
Training Step:  20%|        | 20336/100000 [03:24<22:57, 57.82it/s]
Training Step:  20%|        | 20342/100000 [03:24<22:55, 57.93it/s]
Training Step:  20%|        | 20348/100000 [03:25<23:03, 57.58it/s]
Training Step:  20%|        | 20354/100000 [03:25<23:23, 56.75it/s]
Training Step:  20%|        | 20360/100000 [03:25<23:44, 55.92it/s]
Training Step:  20%|        | 20366/100000 [03:25<23:34, 56.28it/s]
Training Step:  20%|        | 20372/100000 [03:25<23:43, 55.93it/s]
Training Step:  20%|        | 20378/100000 [03:25<24:21, 54.47it/s]
Training Step:  20%|        | 20384/100000 [03:25<24:23, 54.40it/s]
Training Step:  20%|        | 20390/100000 [03:25<24:52, 53.32it/s]
Training Step:  20%|        | 20396/100000 [03:25<25:13, 52.60it/s]
Training Step:  20%|        | 20402/100000 [03:26<25:44, 51.53it/s]
Training Step:  20%|        | 20408/100000 [03:26<26:10, 50.67it/s]
Training Step:  20%|        | 20414/100000 [03:26<26:48, 49.47it/s]
Training Step:  20%|        | 20419/100000 [03:26<27:05, 48.97it/s]
Training Step:  20%|        | 20424/100000 [03:26<28:14, 46.97it/s]
Training Step:  20%|        | 20429/100000 [03:26<27:58, 47.40it/s]
Training Step:  20%|        | 20434/100000 [03:26<27:56, 47.46it/s]
Training Step:  20%|        | 20439/100000 [03:26<27:45, 47.77it/s]
Training Step:  20%|        | 20444/100000 [03:26<27:56, 47.46it/s]
Training Step:  20%|        | 20449/100000 [03:27<28:06, 47.17it/s]
Training Step:  20%|        | 20454/100000 [03:27<28:25, 46.65it/s]
Training Step:  20%|        | 20459/100000 [03:27<27:59, 47.37it/s]
Training Step:  20%|        | 20464/100000 [03:27<29:12, 45.39it/s]
Training Step:  20%|        | 20469/100000 [03:27<30:08, 43.98it/s]
Training Step:  20%|        | 20474/100000 [03:27<30:52, 42.93it/s]
Training Step:  20%|        | 20479/100000 [03:27<30:54, 42.87it/s]
Training Step:  20%|        | 20484/100000 [03:27<31:44, 41.76it/s]
Training Step:  20%|        | 20489/100000 [03:28<31:50,
41.63it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  20%|        | 20494/100000 [03:28<37:08, 35.67it/s]
Training Step:  21%|        | 20501/100000 [03:28<30:44, 43.10it/s]
Training Step:  21%|        | 20508/100000 [03:28<27:36, 47.99it/s]
Training Step:  21%|        | 20514/100000 [03:28<25:57, 51.04it/s]
Training Step:  21%|        | 20520/100000 [03:28<27:06, 48.87it/s]
Training Step:  21%|        | 20526/100000 [03:28<28:22, 46.68it/s]
Training Step:  21%|        | 20531/100000 [03:28<29:12, 45.36it/s]
Training Step:  21%|        | 20536/100000 [03:29<28:58, 45.71it/s]
Training Step:  21%|        | 20541/100000 [03:29<28:18, 46.77it/s]
Training Step:  21%|        | 20546/100000 [03:29<28:10, 47.01it/s]
Training Step:  21%|        | 20552/100000 [03:29<27:36, 47.96it/s]
Training Step:  21%|        | 20557/100000 [03:29<27:44, 47.73it/s]
Training Step:  21%|        | 20563/100000 [03:29<26:32, 49.89it/s]
Training Step:  21%|        | 20569/100000 [03:29<26:18, 50.32it/s]
Training Step:  21%|        | 20575/100000 [03:29<26:04, 50.75it/s]
```

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Training Step:  21%|            | 20581/100000 [03:29<25:43,
51.45it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  21%|            | 20587/100000 [03:30<29:39, 44.62it/s]
Training Step:  21%|            | 20594/100000 [03:30<26:49, 49.33it/s]
Training Step:  21%|            | 20601/100000 [03:30<24:29, 54.02it/s]
Training Step:  21%|            | 20607/100000 [03:30<24:36, 53.78it/s]
Training Step:  21%|            | 20613/100000 [03:30<24:56, 53.05it/s]
Training Step:  21%|            | 20619/100000 [03:30<25:18, 52.27it/s]
Training Step:  21%|            | 20625/100000 [03:30<26:06, 50.68it/s]
Training Step:  21%|            | 20631/100000 [03:30<26:24, 50.10it/s]
Training Step:  21%|            | 20637/100000 [03:31<26:41, 49.57it/s]
Training Step:  21%|            | 20642/100000 [03:31<27:08,
48.73it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  21%|            | 20647/100000 [03:31<30:45, 42.99it/s]
Training Step:  21%|            | 20654/100000 [03:31<26:58, 49.01it/s]
Training Step:  21%|            | 20662/100000 [03:31<24:06, 54.85it/s]
Training Step:  21%|            | 20669/100000 [03:31<22:29, 58.80it/s]
Training Step:  21%|            | 20676/100000 [03:31<21:53, 60.38it/s]
Training Step:  21%|            | 20683/100000 [03:31<21:26, 61.67it/s]
Training Step:  21%|            | 20690/100000 [03:31<21:03, 62.78it/s]
Training Step:  21%|            | 20697/100000 [03:32<20:27, 64.60it/s]
Training Step:  21%|            | 20704/100000 [03:32<20:12,
65.39it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  21%|            | 20711/100000 [03:32<24:04, 54.89it/s]
Training Step:  21%|            | 20718/100000 [03:32<22:44, 58.12it/s]
Training Step:  21%|            | 20726/100000 [03:32<21:26, 61.60it/s]
Training Step:  21%|            | 20733/100000 [03:32<22:27, 58.83it/s]
Training Step:  21%|            | 20740/100000 [03:32<23:10, 57.00it/s]
Training Step:  21%|            | 20746/100000 [03:32<23:30, 56.19it/s]
Training Step:  21%|            | 20752/100000 [03:33<23:49, 55.44it/s]
Training Step:  21%|            | 20758/100000 [03:33<24:10, 54.62it/s]
Training Step:  21%|            | 20764/100000 [03:33<24:26, 54.04it/s]
Training Step:  21%|            | 20770/100000 [03:33<25:10,
52.46it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  21%|            | 20776/100000 [03:33<29:23, 44.93it/s]
Training Step:  21%|            | 20784/100000 [03:33<25:35, 51.58it/s]
Training Step:  21%|            | 20792/100000 [03:33<23:17, 56.67it/s]
Training Step:  21%|            | 20799/100000 [03:33<22:05, 59.77it/s]
Training Step:  21%|            | 20806/100000 [03:34<23:10, 56.95it/s]
Training Step:  21%|            | 20812/100000 [03:34<24:19, 54.26it/s]
```

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Training Step:  21%|              | 20818/100000 [03:34<25:00, 52.75it/s]
Training Step:  21%|              | 20824/100000 [03:34<25:33, 51.63it/s]
Training Step:  21%|              | 20830/100000 [03:34<25:53,
50.96it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  21%|              | 20836/100000 [03:34<29:22, 44.92it/s]
Training Step:  21%|              | 20843/100000 [03:34<26:03, 50.64it/s]
Training Step:  21%|              | 20850/100000 [03:34<24:03, 54.84it/s]
Training Step:  21%|              | 20857/100000 [03:34<22:28, 58.67it/s]
Training Step:  21%|              | 20864/100000 [03:35<21:45, 60.60it/s]
Training Step:  21%|              | 20871/100000 [03:35<21:23, 61.66it/s]
Training Step:  21%|              | 20878/100000 [03:35<21:17, 61.92it/s]
Training Step:  21%|              | 20885/100000 [03:35<21:44, 60.63it/s]
Training Step:  21%|              | 20892/100000 [03:35<21:36, 61.02it/s]
Training Step:  21%|              | 20899/100000 [03:35<21:54, 60.15it/s]
Training Step:  21%|              | 20906/100000 [03:35<22:45, 57.90it/s]
Training Step:  21%|              | 20912/100000 [03:35<22:33, 58.44it/s]
Training Step:  21%|              | 20919/100000 [03:35<22:05, 59.65it/s]
Training Step:  21%|              | 20926/100000 [03:36<22:37, 58.27it/s]
Training Step:  21%|              | 20932/100000 [03:36<22:33, 58.43it/s]
Training Step:  21%|              | 20939/100000 [03:36<22:05, 59.63it/s]
Training Step:  21%|              | 20946/100000 [03:36<21:57, 60.00it/s]
Training Step:  21%|              | 20953/100000 [03:36<21:44, 60.59it/s]
Training Step:  21%|              | 20960/100000 [03:36<22:15, 59.18it/s]
Training Step:  21%|              | 20967/100000 [03:36<21:40, 60.78it/s]
Training Step:  21%|              | 20974/100000 [03:36<21:52, 60.19it/s]
Training Step:  21%|              | 20981/100000 [03:37<21:48, 60.40it/s]
Training Step:  21%|              | 20988/100000 [03:37<22:06, 59.57it/s]
Training Step:  21%|              | 20995/100000 [03:37<21:27, 61.34it/s]
Training Step:  21%|              | 21002/100000 [03:37<21:40, 60.73it/s]
Training Step:  21%|              | 21009/100000 [03:37<23:04, 57.05it/s]
Training Step:  21%|              | 21015/100000 [03:37<22:53, 57.52it/s]
Training Step:  21%|              | 21022/100000 [03:37<22:29, 58.51it/s]
Training Step:  21%|              | 21028/100000 [03:37<22:27, 58.59it/s]
Training Step:  21%|              | 21035/100000 [03:37<21:45, 60.48it/s]
Training Step:  21%|              | 21042/100000 [03:38<21:14, 61.93it/s]
Training Step:  21%|              | 21049/100000 [03:38<21:45, 60.46it/s]
Training Step:  21%|              | 21056/100000 [03:38<22:59, 57.24it/s]
Training Step:  21%|              | 21062/100000 [03:38<23:33,
55.84it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  21%|              | 21068/100000 [03:38<29:05, 45.21it/s]
Training Step:  21%|              | 21076/100000 [03:38<25:43, 51.13it/s]
Training Step:  21%|              | 21083/100000 [03:38<23:47, 55.27it/s]
Training Step:  21%|              | 21090/100000 [03:38<22:37, 58.14it/s]
Training Step:  21%|              | 21097/100000 [03:39<22:32, 58.34it/s]
```

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Training Step:   21%|              | 21104/100000 [03:39<22:35, 58.19it/s]
Training Step:   21%|              | 21110/100000 [03:39<22:31, 58.36it/s]
Training Step:   21%|              | 21117/100000 [03:39<22:05, 59.50it/s]
Training Step:   21%|              | 21124/100000 [03:39<22:12, 59.21it/s]
Training Step:   21%|              | 21130/100000 [03:39<22:32,
58.32it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   21%|              | 21136/100000 [03:39<27:22, 48.02it/s]
Training Step:   21%|              | 21143/100000 [03:39<24:55, 52.72it/s]
Training Step:   21%|              | 21149/100000 [03:40<24:08, 54.43it/s]
Training Step:   21%|              | 21156/100000 [03:40<22:43, 57.81it/s]
Training Step:   21%|              | 21162/100000 [03:40<23:56, 54.88it/s]
Training Step:   21%|              | 21168/100000 [03:40<24:40, 53.25it/s]
Training Step:   21%|              | 21174/100000 [03:40<25:04,
52.40it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   21%|              | 21180/100000 [03:40<29:35, 44.38it/s]
Training Step:   21%|              | 21187/100000 [03:40<26:40, 49.23it/s]
Training Step:   21%|              | 21194/100000 [03:40<24:25, 53.79it/s]
Training Step:   21%|              | 21201/100000 [03:40<23:13, 56.53it/s]
Training Step:   21%|              | 21207/100000 [03:41<24:18, 54.01it/s]
Training Step:   21%|              | 21213/100000 [03:41<24:59, 52.55it/s]
Training Step:   21%|              | 21219/100000 [03:41<25:09, 52.19it/s]
Training Step:   21%|              | 21225/100000 [03:41<25:05, 52.33it/s]
Training Step:   21%|              | 21231/100000 [03:41<27:12,
48.26it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:   21%|              | 21236/100000 [03:41<31:51, 41.21it/s]
Training Step:   21%|              | 21243/100000 [03:41<28:05, 46.74it/s]
Training Step:   21%|              | 21250/100000 [03:42<25:27, 51.57it/s]
Training Step:   21%|              | 21256/100000 [03:42<24:36, 53.32it/s]
Training Step:   21%|              | 21262/100000 [03:42<24:34, 53.38it/s]
Training Step:   21%|              | 21268/100000 [03:42<25:18, 51.85it/s]
Training Step:   21%|              | 21274/100000 [03:42<24:55,
52.63it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   21%|              | 21280/100000 [03:42<29:12, 44.92it/s]
Training Step:   21%|              | 21287/100000 [03:42<25:55, 50.60it/s]
Training Step:   21%|              | 21293/100000 [03:42<24:55, 52.61it/s]
Training Step:   21%|              | 21299/100000 [03:42<25:18, 51.85it/s]
Training Step:   21%|              | 21305/100000 [03:43<25:46, 50.88it/s]
Training Step:   21%|              | 21311/100000 [03:43<25:42, 51.01it/s]
Training Step:   21%|              | 21317/100000 [03:43<25:55, 50.58it/s]
Training Step:   21%|              | 21323/100000 [03:43<25:53, 50.66it/s]
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Training Step:  21%|            | 21329/100000 [03:43<28:47, 45.54it/s]
Training Step:  21%|            | 21334/100000 [03:43<28:33, 45.90it/s]
Training Step:  21%|            | 21340/100000 [03:43<27:50,
47.08it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  21%|            | 21345/100000 [03:44<32:59, 39.74it/s]
Training Step:  21%|            | 21352/100000 [03:44<29:06, 45.04it/s]
Training Step:  21%|            | 21357/100000 [03:44<28:21, 46.22it/s]
Training Step:  21%|            | 21364/100000 [03:44<25:44, 50.92it/s]
Training Step:  21%|            | 21370/100000 [03:44<26:20, 49.74it/s]
Training Step:  21%|            | 21376/100000 [03:44<26:24, 49.63it/s]
Training Step:  21%|            | 21382/100000 [03:44<27:13, 48.13it/s]
Training Step:  21%|            | 21387/100000 [03:44<27:26, 47.75it/s]
Training Step:  21%|            | 21392/100000 [03:44<27:47, 47.14it/s]
Training Step:  21%|            | 21398/100000 [03:45<27:12, 48.16it/s]
Training Step:  21%|            | 21404/100000 [03:45<27:05, 48.35it/s]
Training Step:  21%|            | 21409/100000 [03:45<26:59,
48.52it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  21%|            | 21414/100000 [03:45<31:27, 41.64it/s]
Training Step:  21%|            | 21421/100000 [03:45<27:33, 47.53it/s]
Training Step:  21%|            | 21428/100000 [03:45<25:00, 52.36it/s]
Training Step:  21%|            | 21434/100000 [03:45<24:23, 53.68it/s]
Training Step:  21%|            | 21440/100000 [03:45<24:01, 54.51it/s]
Training Step:  21%|            | 21447/100000 [03:45<22:52, 57.21it/s]
Training Step:  21%|            | 21454/100000 [03:46<22:33, 58.03it/s]
Training Step:  21%|            | 21461/100000 [03:46<22:03, 59.35it/s]
Training Step:  21%|            | 21467/100000 [03:46<22:02, 59.36it/s]
Training Step:  21%|            | 21474/100000 [03:46<21:52, 59.83it/s]
Training Step:  21%|            | 21481/100000 [03:46<21:24, 61.13it/s]
Training Step:  21%|            | 21488/100000 [03:46<21:48, 59.98it/s]
Training Step:  21%|            | 21495/100000 [03:46<22:44, 57.53it/s]
Training Step:  22%|            | 21501/100000 [03:46<23:15, 56.25it/s]
Training Step:  22%|            | 21507/100000 [03:47<23:31, 55.62it/s]
Training Step:  22%|            | 21513/100000 [03:47<23:45, 55.07it/s]
Training Step:  22%|            | 21519/100000 [03:47<23:48, 54.92it/s]
Training Step:  22%|            | 21525/100000 [03:47<23:51, 54.81it/s]
Training Step:  22%|            | 21531/100000 [03:47<23:57, 54.58it/s]
Training Step:  22%|            | 21537/100000 [03:47<23:44, 55.09it/s]
Training Step:  22%|            | 21543/100000 [03:47<23:52, 54.78it/s]
Training Step:  22%|            | 21549/100000 [03:47<23:57, 54.56it/s]
Training Step:  22%|            | 21555/100000 [03:47<24:05, 54.26it/s]
Training Step:  22%|            | 21561/100000 [03:48<23:51, 54.79it/s]
Training Step:  22%|            | 21567/100000 [03:48<23:45, 55.02it/s]
Training Step:  22%|            | 21573/100000 [03:48<23:21, 55.95it/s]
Training Step:  22%|            | 21580/100000 [03:48<23:06, 56.57it/s]
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Training Step:  22%|          | 21586/100000 [03:48<23:02, 56.73it/s]
Training Step:  22%|          | 21592/100000 [03:48<22:51, 57.17it/s]
Training Step:  22%|          | 21598/100000 [03:48<23:18, 56.06it/s]
Training Step:  22%|          | 21604/100000 [03:48<22:55, 57.01it/s]
Training Step:  22%|          | 21610/100000 [03:48<23:40, 55.18it/s]
Training Step:  22%|          | 21616/100000 [03:48<24:00, 54.43it/s]
Training Step:  22%|          | 21622/100000 [03:49<26:17, 49.67it/s]
Training Step:  22%|          | 21628/100000 [03:49<28:04, 46.54it/s]
Training Step:  22%|          | 21633/100000 [03:49<28:26, 45.93it/s]
Training Step:  22%|          | 21638/100000 [03:49<29:18, 44.57it/s]
Training Step:  22%|          | 21643/100000 [03:49<29:34, 44.16it/s]
Training Step:  22%|          | 21648/100000 [03:49<30:33, 42.74it/s]
Training Step:  22%|          | 21653/100000 [03:49<30:36, 42.65it/s]
Training Step:  22%|          | 21658/100000 [03:50<30:49,
42.36it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  22%|          | 21663/100000 [03:50<34:09, 38.22it/s]
Training Step:  22%|          | 21670/100000 [03:50<28:49, 45.28it/s]
Training Step:  22%|          | 21678/100000 [03:50<24:39, 52.93it/s]
Training Step:  22%|          | 21685/100000 [03:50<22:52, 57.07it/s]
Training Step:  22%|          | 21692/100000 [03:50<21:58, 59.38it/s]
Training Step:  22%|          | 21700/100000 [03:50<21:05, 61.85it/s]
Training Step:  22%|          | 21707/100000 [03:50<21:11, 61.55it/s]
Training Step:  22%|          | 21714/100000 [03:50<21:06, 61.83it/s]
Training Step:  22%|          | 21721/100000 [03:51<20:48, 62.69it/s]
Training Step:  22%|          | 21728/100000 [03:51<22:04, 59.10it/s]
Training Step:  22%|          | 21734/100000 [03:51<22:28, 58.05it/s]
Training Step:  22%|          | 21740/100000 [03:51<22:16, 58.54it/s]
Training Step:  22%|          | 21747/100000 [03:51<21:56, 59.44it/s]
Training Step:  22%|          | 21754/100000 [03:51<22:01, 59.21it/s]
Training Step:  22%|          | 21760/100000 [03:51<22:32, 57.84it/s]
Training Step:  22%|          | 21766/100000 [03:51<22:55, 56.87it/s]
Training Step:  22%|          | 21772/100000 [03:51<22:49, 57.13it/s]
Training Step:  22%|          | 21778/100000 [03:52<23:02, 56.57it/s]
Training Step:  22%|          | 21784/100000 [03:52<23:00, 56.64it/s]
Training Step:  22%|          | 21790/100000 [03:52<23:20, 55.85it/s]
Training Step:  22%|          | 21796/100000 [03:52<22:58, 56.74it/s]
Training Step:  22%|          | 21802/100000 [03:52<22:47,
57.20it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  22%|          | 21808/100000 [03:52<27:27, 47.46it/s]
Training Step:  22%|          | 21815/100000 [03:52<24:44, 52.68it/s]
Training Step:  22%|          | 21822/100000 [03:52<23:11, 56.20it/s]
Training Step:  22%|          | 21830/100000 [03:52<22:02, 59.11it/s]
Training Step:  22%|          | 21837/100000 [03:53<21:20, 61.04it/s]
Training Step:  22%|          | 21844/100000 [03:53<21:14, 61.31it/s]
```

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Training Step:  22%|           | 21851/100000 [03:53<20:43, 62.85it/s]
Training Step:  22%|           | 21858/100000 [03:53<20:38, 63.10it/s]
Training Step:  22%|           | 21865/100000 [03:53<20:03, 64.91it/s]
Training Step:  22%|           | 21872/100000 [03:53<20:14, 64.34it/s]
Training Step:  22%|           | 21879/100000 [03:53<20:03, 64.92it/s]
Training Step:  22%|           | 21886/100000 [03:53<20:32, 63.38it/s]
Training Step:  22%|           | 21893/100000 [03:53<20:30, 63.46it/s]
Training Step:  22%|           | 21900/100000 [03:54<21:19, 61.02it/s]
Training Step:  22%|           | 21907/100000 [03:54<21:14, 61.29it/s]
Training Step:  22%|           | 21914/100000 [03:54<21:28, 60.61it/s]
Training Step:  22%|           | 21921/100000 [03:54<21:56, 59.33it/s]
Training Step:  22%|           | 21927/100000 [03:54<22:11, 58.64it/s]
Training Step:  22%|           | 21933/100000 [03:54<22:37, 57.50it/s]
Training Step:  22%|           | 21939/100000 [03:54<22:51, 56.93it/s]
Training Step:  22%|           | 21945/100000 [03:54<22:57, 56.68it/s]
Training Step:  22%|           | 21951/100000 [03:54<22:48, 57.03it/s]
Training Step:  22%|           | 21957/100000 [03:55<22:36, 57.55it/s]
Training Step:  22%|           | 21963/100000 [03:55<22:54, 56.78it/s]
Training Step:  22%|           | 21969/100000 [03:55<23:07, 56.26it/s]
Training Step:  22%|           | 21975/100000 [03:55<23:21, 55.68it/s]
Training Step:  22%|           | 21981/100000 [03:55<23:53, 54.44it/s]
Training Step:  22%|           | 21987/100000 [03:55<24:50, 52.34it/s]
Training Step:  22%|           | 21993/100000 [03:55<25:05, 51.81it/s]
Training Step:  22%|           | 21999/100000 [03:55<25:02, 51.92it/s]
Training Step:  22%|           | 22005/100000 [03:56<26:04, 49.87it/s]
Training Step:  22%|           | 22011/100000 [03:56<25:32, 50.90it/s]
Training Step:  22%|           | 22017/100000 [03:56<24:53, 52.23it/s]
Training Step:  22%|           | 22023/100000 [03:56<24:33, 52.90it/s]
Training Step:  22%|           | 22029/100000 [03:56<24:24, 53.24it/s]
Training Step:  22%|           | 22035/100000 [03:56<26:18,
49.39it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  22%|           | 22041/100000 [03:56<29:47, 43.63it/s]
Training Step:  22%|           | 22048/100000 [03:56<26:39, 48.73it/s]
Training Step:  22%|           | 22056/100000 [03:56<23:50, 54.48it/s]
Training Step:  22%|           | 22062/100000 [03:57<24:00, 54.10it/s]
Training Step:  22%|           | 22069/100000 [03:57<22:59, 56.48it/s]
Training Step:  22%|           | 22075/100000 [03:57<22:37, 57.41it/s]
Training Step:  22%|           | 22081/100000 [03:57<22:24, 57.96it/s]
Training Step:  22%|           | 22088/100000 [03:57<22:10, 58.55it/s]
Training Step:  22%|           | 22095/100000 [03:57<21:24, 60.65it/s]
Training Step:  22%|           | 22102/100000 [03:57<24:11, 53.65it/s]
Training Step:  22%|           | 22108/100000 [03:57<24:44, 52.47it/s]
Training Step:  22%|           | 22114/100000 [03:58<24:09, 53.72it/s]
Training Step:  22%|           | 22120/100000 [03:58<23:46, 54.60it/s]
Training Step:  22%|           | 22126/100000 [03:58<24:06, 53.84it/s]
Training Step:  22%|           | 22132/100000 [03:58<25:05, 51.72it/s]
```

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Training Step:  22%|         | 22138/100000 [03:58<25:32, 50.81it/s]
Training Step:  22%|         | 22144/100000 [03:58<26:15, 49.42it/s]
Training Step:  22%|         | 22149/100000 [03:58<26:10, 49.57it/s]
Training Step:  22%|         | 22154/100000 [03:58<26:53, 48.24it/s]
Training Step:  22%|         | 22160/100000 [03:58<26:39, 48.66it/s]
Training Step:  22%|         | 22166/100000 [03:59<26:39, 48.67it/s]
Training Step:  22%|         | 22171/100000 [03:59<27:09, 47.76it/s]
Training Step:  22%|         | 22176/100000 [03:59<27:19, 47.47it/s]
Training Step:  22%|         | 22182/100000 [03:59<26:39, 48.65it/s]
Training Step:  22%|         | 22188/100000 [03:59<26:12, 49.47it/s]
Training Step:  22%|         | 22194/100000 [03:59<25:51, 50.14it/s]
Training Step:  22%|         | 22200/100000 [03:59<26:10, 49.55it/s]
Training Step:  22%|         | 22206/100000 [03:59<26:01, 49.83it/s]
Training Step:  22%|         | 22212/100000 [04:00<26:11, 49.51it/s]
Training Step:  22%|         | 22218/100000 [04:00<26:02, 49.80it/s]
Training Step:  22%|         | 22224/100000 [04:00<25:50, 50.17it/s]
Training Step:  22%|         | 22230/100000 [04:00<25:41, 50.46it/s]
Training Step:  22%|         | 22236/100000 [04:00<24:54, 52.04it/s]
Training Step:  22%|         | 22242/100000 [04:00<24:25, 53.05it/s]
Training Step:  22%|         | 22248/100000 [04:00<24:09, 53.63it/s]
Training Step:  22%|         | 22254/100000 [04:00<24:45, 52.35it/s]
Training Step:  22%|         | 22260/100000 [04:00<24:23, 53.13it/s]
Training Step:  22%|         | 22266/100000 [04:01<24:35, 52.70it/s]
Training Step:  22%|         | 22272/100000 [04:01<25:10, 51.46it/s]
Training Step:  22%|         | 22278/100000 [04:01<25:11, 51.41it/s]
Training Step:  22%|         | 22284/100000 [04:01<24:34, 52.72it/s]
Training Step:  22%|         | 22290/100000 [04:01<24:03, 53.83it/s]
Training Step:  22%|         | 22297/100000 [04:01<22:38, 57.21it/s]
Training Step:  22%|         | 22303/100000 [04:01<24:12, 53.49it/s]
Training Step:  22%|         | 22309/100000 [04:01<24:26,
52.96it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  22%|         | 22315/100000 [04:02<28:20, 45.68it/s]
Training Step:  22%|         | 22322/100000 [04:02<25:35, 50.60it/s]
Training Step:  22%|         | 22329/100000 [04:02<23:18, 55.53it/s]
Training Step:  22%|         | 22336/100000 [04:02<22:39, 57.14it/s]
Training Step:  22%|         | 22342/100000 [04:02<22:48, 56.76it/s]
Training Step:  22%|         | 22348/100000 [04:02<22:50, 56.66it/s]
Training Step:  22%|         | 22354/100000 [04:02<22:44, 56.92it/s]
Training Step:  22%|         | 22360/100000 [04:02<22:27, 57.63it/s]
Training Step:  22%|         | 22366/100000 [04:02<22:53, 56.53it/s]
Training Step:  22%|         | 22372/100000 [04:02<22:29, 57.51it/s]
Training Step:  22%|         | 22378/100000 [04:03<22:16, 58.06it/s]
Training Step:  22%|         | 22384/100000 [04:03<22:07, 58.45it/s]
Training Step:  22%|         | 22390/100000 [04:03<22:32, 57.39it/s]
Training Step:  22%|         | 22396/100000 [04:03<22:41, 56.99it/s]
Training Step:  22%|         | 22402/100000 [04:03<22:53, 56.50it/s]
```

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Training Step:   22%|            | 22408/100000 [04:03<23:21, 55.35it/s]
Training Step:   22%|            | 22414/100000 [04:03<23:02, 56.11it/s]
Training Step:   22%|            | 22420/100000 [04:03<22:59, 56.26it/s]
Training Step:   22%|            | 22426/100000 [04:03<23:08, 55.89it/s]
Training Step:   22%|            | 22432/100000 [04:04<23:10, 55.79it/s]
Training Step:   22%|            | 22438/100000 [04:04<23:04, 56.03it/s]
Training Step:   22%|            | 22444/100000 [04:04<22:48, 56.68it/s]
Training Step:   22%|            | 22450/100000 [04:04<22:44, 56.82it/s]
Training Step:   22%|            | 22456/100000 [04:04<22:41, 56.97it/s]
Training Step:   22%|            | 22462/100000 [04:04<22:48, 56.65it/s]
Training Step:   22%|            | 22468/100000 [04:04<23:08, 55.83it/s]
Training Step:   22%|            | 22474/100000 [04:04<22:47, 56.69it/s]
Training Step:   22%|            | 22480/100000 [04:04<23:01, 56.12it/s]
Training Step:   22%|            | 22486/100000 [04:04<22:59, 56.18it/s]
Training Step:   22%|            | 22492/100000 [04:05<23:08, 55.83it/s]
Training Step:   22%|            | 22498/100000 [04:05<23:02, 56.06it/s]
Training Step:   23%|            | 22504/100000 [04:05<22:50, 56.54it/s]
Training Step:   23%|            | 22510/100000 [04:05<23:12, 55.65it/s]
Training Step:   23%|            | 22516/100000 [04:05<23:16, 55.49it/s]
Training Step:   23%|            | 22522/100000 [04:05<23:26, 55.08it/s]
Training Step:   23%|            | 22528/100000 [04:05<23:53, 54.04it/s]
Training Step:   23%|            | 22534/100000 [04:05<24:05, 53.61it/s]
Training Step:   23%|            | 22540/100000 [04:05<23:56, 53.92it/s]
Training Step:   23%|            | 22546/100000 [04:06<24:07, 53.53it/s]
Training Step:   23%|            | 22552/100000 [04:06<24:29, 52.69it/s]
Training Step:   23%|            | 22558/100000 [04:06<25:05, 51.45it/s]
Training Step:   23%|            | 22564/100000 [04:06<24:31, 52.62it/s]
Training Step:   23%|            | 22570/100000 [04:06<24:08, 53.47it/s]
Training Step:   23%|            | 22576/100000 [04:06<24:08, 53.44it/s]
Training Step:   23%|            | 22582/100000 [04:06<24:39, 52.32it/s]
Training Step:   23%|            | 22588/100000 [04:06<24:09, 53.40it/s]
Training Step:   23%|            | 22594/100000 [04:07<25:04, 51.43it/s]
Training Step:   23%|            | 22600/100000 [04:07<24:54, 51.79it/s]
Training Step:   23%|            | 22606/100000 [04:07<24:35, 52.45it/s]
Training Step:   23%|            | 22612/100000 [04:07<24:22, 52.92it/s]
Training Step:   23%|            | 22618/100000 [04:07<24:01, 53.68it/s]
Training Step:   23%|            | 22624/100000 [04:07<23:41, 54.45it/s]
Training Step:   23%|            | 22631/100000 [04:07<22:51, 56.43it/s]
Training Step:   23%|            | 22637/100000 [04:07<22:45, 56.63it/s]
Training Step:   23%|            | 22643/100000 [04:07<22:49, 56.47it/s]
Training Step:   23%|            | 22649/100000 [04:08<22:56,
56.20it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:   23%|            | 22655/100000 [04:08<26:04, 49.44it/s]
Training Step:   23%|            | 22662/100000 [04:08<23:50, 54.05it/s]
Training Step:   23%|            | 22670/100000 [04:08<22:03, 58.41it/s]
Training Step:   23%|            | 22677/100000 [04:08<21:40, 59.45it/s]
```

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Training Step:   23%|          | 22684/100000 [04:08<23:57, 53.80it/s]
Training Step:   23%|          | 22690/100000 [04:08<24:49, 51.91it/s]
Training Step:   23%|          | 22696/100000 [04:08<25:01, 51.49it/s]
Training Step:   23%|          | 22702/100000 [04:09<26:18, 48.96it/s]
Training Step:   23%|          | 22707/100000 [04:09<26:30, 48.59it/s]
Training Step:   23%|          | 22712/100000 [04:09<26:39,
48.33it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   23%|          | 22717/100000 [04:09<30:52, 41.72it/s]
Training Step:   23%|          | 22724/100000 [04:09<27:01, 47.65it/s]
Training Step:   23%|          | 22731/100000 [04:09<24:14, 53.11it/s]
Training Step:   23%|          | 22738/100000 [04:09<23:03, 55.83it/s]
Training Step:   23%|          | 22745/100000 [04:09<22:13, 57.94it/s]
Training Step:   23%|          | 22752/100000 [04:09<21:53, 58.82it/s]
Training Step:   23%|          | 22758/100000 [04:10<21:46, 59.14it/s]
Training Step:   23%|          | 22765/100000 [04:10<21:20, 60.32it/s]
Training Step:   23%|          | 22772/100000 [04:10<21:30, 59.85it/s]
Training Step:   23%|          | 22779/100000 [04:10<23:20, 55.15it/s]
Training Step:   23%|          | 22785/100000 [04:10<23:03, 55.82it/s]
Training Step:   23%|          | 22792/100000 [04:10<22:34, 57.02it/s]
Training Step:   23%|          | 22798/100000 [04:10<22:18, 57.66it/s]
Training Step:   23%|          | 22804/100000 [04:10<22:07, 58.15it/s]
Training Step:   23%|          | 22810/100000 [04:10<21:59, 58.50it/s]
Training Step:   23%|          | 22816/100000 [04:11<21:49, 58.93it/s]
Training Step:   23%|          | 22822/100000 [04:11<22:20, 57.57it/s]
Training Step:   23%|          | 22828/100000 [04:11<22:48, 56.38it/s]
Training Step:   23%|          | 22834/100000 [04:11<22:43, 56.58it/s]
Training Step:   23%|          | 22840/100000 [04:11<22:32, 57.07it/s]
Training Step:   23%|          | 22846/100000 [04:11<22:31, 57.09it/s]
Training Step:   23%|          | 22852/100000 [04:11<22:53, 56.15it/s]
Training Step:   23%|          | 22858/100000 [04:11<22:46, 56.44it/s]
Training Step:   23%|          | 22864/100000 [04:11<23:04, 55.71it/s]
Training Step:   23%|          | 22870/100000 [04:12<23:28, 54.75it/s]
Training Step:   23%|          | 22876/100000 [04:12<24:02, 53.48it/s]
Training Step:   23%|          | 22882/100000 [04:12<24:26, 52.58it/s]
Training Step:   23%|          | 22888/100000 [04:12<24:45, 51.91it/s]
Training Step:   23%|          | 22894/100000 [04:12<25:04, 51.26it/s]
Training Step:   23%|          | 22900/100000 [04:12<25:07, 51.16it/s]
Training Step:   23%|          | 22906/100000 [04:12<25:13,
50.94it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   23%|          | 22912/100000 [04:12<28:49, 44.58it/s]
Training Step:   23%|          | 22920/100000 [04:13<25:07, 51.13it/s]
Training Step:   23%|          | 22928/100000 [04:13<22:56, 55.99it/s]
Training Step:   23%|          | 22935/100000 [04:13<21:34, 59.55it/s]
Training Step:   23%|          | 22942/100000 [04:13<21:14, 60.44it/s]
```

```
Training Step:   23%|          | 22949/100000 [04:13<20:53, 61.46it/s]
Training Step:   23%|          | 22956/100000 [04:13<20:24, 62.91it/s]
Training Step:   23%|          | 22963/100000 [04:13<20:05, 63.88it/s]
Training Step:   23%|          | 22970/100000 [04:13<20:10, 63.63it/s]
Training Step:   23%|          | 22977/100000 [04:13<19:41, 65.18it/s]
Training Step:   23%|          | 22984/100000 [04:14<19:59, 64.19it/s]
Training Step:   23%|          | 22991/100000 [04:14<20:00, 64.17it/s]
Training Step:   23%|          | 22998/100000 [04:14<21:04, 60.89it/s]
Training Step:   23%|          | 23005/100000 [04:14<20:56, 61.29it/s]
Training Step:   23%|          | 23012/100000 [04:14<20:55, 61.33it/s]
Training Step:   23%|          | 23019/100000 [04:14<20:23, 62.92it/s]
Training Step:   23%|          | 23026/100000 [04:14<21:38, 59.28it/s]
Training Step:   23%|          | 23032/100000 [04:14<22:04, 58.12it/s]
Training Step:   23%|          | 23038/100000 [04:14<22:10, 57.82it/s]
Training Step:   23%|          | 23044/100000 [04:15<22:46, 56.31it/s]
Training Step:   23%|          | 23050/100000 [04:15<22:37, 56.70it/s]
Training Step:   23%|          | 23056/100000 [04:15<22:37, 56.70it/s]
Training Step:   23%|          | 23062/100000 [04:15<22:56, 55.90it/s]
Training Step:   23%|          | 23068/100000 [04:15<23:06, 55.49it/s]
Training Step:   23%|          | 23074/100000 [04:15<23:35, 54.35it/s]
Training Step:   23%|          | 23080/100000 [04:15<24:05,
53.22it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:   23%|          | 23086/100000 [04:15<26:16, 48.78it/s]
Training Step:   23%|          | 23094/100000 [04:15<23:24, 54.77it/s]
Training Step:   23%|          | 23102/100000 [04:16<22:00, 58.23it/s]
Training Step:   23%|          | 23110/100000 [04:16<21:02, 60.90it/s]
Training Step:   23%|          | 23117/100000 [04:16<20:33, 62.31it/s]
Training Step:   23%|          | 23124/100000 [04:16<20:48, 61.56it/s]
Training Step:   23%|          | 23131/100000 [04:16<21:12, 60.42it/s]
Training Step:   23%|          | 23138/100000 [04:16<21:32, 59.48it/s]
Training Step:   23%|          | 23145/100000 [04:16<21:06, 60.66it/s]
Training Step:   23%|          | 23152/100000 [04:16<21:35, 59.34it/s]
Training Step:   23%|          | 23159/100000 [04:17<20:42, 61.84it/s]
Training Step:   23%|          | 23166/100000 [04:17<20:51, 61.39it/s]
Training Step:   23%|          | 23173/100000 [04:17<20:28,
62.54it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:   23%|          | 23180/100000 [04:17<23:58, 53.38it/s]
Training Step:   23%|          | 23187/100000 [04:17<22:16, 57.47it/s]
Training Step:   23%|          | 23194/100000 [04:17<21:21, 59.95it/s]
Training Step:   23%|          | 23202/100000 [04:17<20:25, 62.64it/s]
Training Step:   23%|          | 23209/100000 [04:17<19:54, 64.27it/s]
Training Step:   23%|          | 23216/100000 [04:17<20:47, 61.55it/s]
Training Step:   23%|          | 23223/100000 [04:18<20:35, 62.15it/s]
Training Step:   23%|          | 23230/100000 [04:18<20:39, 61.95it/s]
```

```
Training Step:  23%|        | 23237/100000 [04:18<20:34, 62.19it/s]
Training Step:  23%|        | 23244/100000 [04:18<20:47, 61.52it/s]
Training Step:  23%|        | 23251/100000 [04:18<20:54,
61.17it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  23%|        | 23258/100000 [04:18<25:36, 49.96it/s]
Training Step:  23%|        | 23265/100000 [04:18<23:40, 54.01it/s]
Training Step:  23%|        | 23272/100000 [04:18<22:42, 56.30it/s]
Training Step:  23%|        | 23278/100000 [04:19<22:30, 56.81it/s]
Training Step:  23%|        | 23284/100000 [04:19<22:27, 56.93it/s]
Training Step:  23%|        | 23290/100000 [04:19<22:26, 56.99it/s]
Training Step:  23%|        | 23296/100000 [04:19<22:33, 56.66it/s]
Training Step:  23%|        | 23302/100000 [04:19<22:15, 57.43it/s]
Training Step:  23%|        | 23309/100000 [04:19<21:39, 59.00it/s]
Training Step:  23%|        | 23316/100000 [04:19<21:44, 58.78it/s]
Training Step:  23%|        | 23323/100000 [04:19<21:30, 59.42it/s]
Training Step:  23%|        | 23329/100000 [04:19<21:28, 59.50it/s]
Training Step:  23%|        | 23335/100000 [04:20<21:39, 59.01it/s]
Training Step:  23%|        | 23341/100000 [04:20<21:47, 58.64it/s]
Training Step:  23%|        | 23347/100000 [04:20<22:17, 57.31it/s]
Training Step:  23%|        | 23353/100000 [04:20<22:20, 57.18it/s]
Training Step:  23%|        | 23359/100000 [04:20<22:09, 57.66it/s]
Training Step:  23%|        | 23365/100000 [04:20<22:27, 56.86it/s]
Training Step:  23%|        | 23371/100000 [04:20<22:28, 56.84it/s]
Training Step:  23%|        | 23377/100000 [04:20<22:47, 56.02it/s]
Training Step:  23%|        | 23383/100000 [04:20<22:39, 56.36it/s]
Training Step:  23%|        | 23389/100000 [04:20<23:00, 55.49it/s]
Training Step:  23%|        | 23395/100000 [04:21<23:03, 55.36it/s]
Training Step:  23%|        | 23401/100000 [04:21<23:01, 55.46it/s]
Training Step:  23%|        | 23407/100000 [04:21<24:36, 51.88it/s]
Training Step:  23%|        | 23413/100000 [04:21<25:12, 50.65it/s]
Training Step:  23%|        | 23419/100000 [04:21<25:37, 49.82it/s]
Training Step:  23%|        | 23425/100000 [04:21<26:02, 49.02it/s]
Training Step:  23%|        | 23430/100000 [04:21<26:46, 47.67it/s]
Training Step:  23%|        | 23435/100000 [04:21<28:31, 44.74it/s]
Training Step:  23%|        | 23440/100000 [04:22<28:25,
44.88it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  23%|        | 23445/100000 [04:22<34:24, 37.09it/s]
Training Step:  23%|        | 23452/100000 [04:22<29:56, 42.62it/s]
Training Step:  23%|        | 23459/100000 [04:22<26:36, 47.95it/s]
Training Step:  23%|        | 23466/100000 [04:22<24:52, 51.29it/s]
Training Step:  23%|        | 23472/100000 [04:22<24:33, 51.92it/s]
Training Step:  23%|        | 23478/100000 [04:22<24:13, 52.66it/s]
Training Step:  23%|        | 23484/100000 [04:22<24:09, 52.79it/s]
Training Step:  23%|        | 23490/100000 [04:23<23:59, 53.15it/s]
```

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Training Step:  23%|          | 23496/100000 [04:23<23:40, 53.85it/s]
Training Step:  24%|          | 23502/100000 [04:23<23:35, 54.05it/s]
Training Step:  24%|          | 23508/100000 [04:23<22:57, 55.55it/s]
Training Step:  24%|          | 23514/100000 [04:23<23:12, 54.94it/s]
Training Step:  24%|          | 23520/100000 [04:23<23:15, 54.82it/s]
Training Step:  24%|          | 23526/100000 [04:23<23:28, 54.29it/s]
Training Step:  24%|          | 23532/100000 [04:23<23:29, 54.24it/s]
Training Step:  24%|          | 23538/100000 [04:23<23:37, 53.93it/s]
Training Step:  24%|          | 23544/100000 [04:24<23:32, 54.11it/s]
Training Step:  24%|          | 23550/100000 [04:24<23:48, 53.52it/s]
Training Step:  24%|          | 23556/100000 [04:24<23:59, 53.11it/s]
Training Step:  24%|          | 23562/100000 [04:24<23:59, 53.10it/s]
Training Step:  24%|          | 23568/100000 [04:24<24:14, 52.54it/s]
Training Step:  24%|          | 23574/100000 [04:24<25:25, 50.11it/s]
Training Step:  24%|          | 23580/100000 [04:24<25:45, 49.43it/s]
Training Step:  24%|          | 23586/100000 [04:24<25:29, 49.97it/s]
Training Step:  24%|          | 23592/100000 [04:24<25:13, 50.49it/s]
Training Step:  24%|          | 23598/100000 [04:25<25:10, 50.59it/s]
Training Step:  24%|          | 23604/100000 [04:25<25:19, 50.29it/s]
Training Step:  24%|          | 23610/100000 [04:25<26:07, 48.73it/s]
Training Step:  24%|          | 23615/100000 [04:25<26:37, 47.83it/s]
Training Step:  24%|          | 23620/100000 [04:25<26:59, 47.15it/s]
Training Step:  24%|          | 23625/100000 [04:25<26:59, 47.16it/s]
Training Step:  24%|          | 23630/100000 [04:25<27:21, 46.53it/s]
Training Step:  24%|          | 23635/100000 [04:25<27:23, 46.46it/s]
Training Step:  24%|          | 23640/100000 [04:26<27:25, 46.41it/s]
Training Step:  24%|          | 23645/100000 [04:26<27:44, 45.88it/s]
Training Step:  24%|          | 23650/100000 [04:26<28:02, 45.38it/s]
Training Step:  24%|          | 23655/100000 [04:26<28:24, 44.80it/s]
Training Step:  24%|          | 23660/100000 [04:26<28:53, 44.05it/s]
Training Step:  24%|          | 23665/100000 [04:26<28:09, 45.18it/s]
Training Step:  24%|          | 23670/100000 [04:26<28:43, 44.30it/s]
Training Step:  24%|          | 23675/100000 [04:26<28:43, 44.28it/s]
Training Step:  24%|          | 23680/100000 [04:26<29:36, 42.96it/s]
Training Step:  24%|          | 23685/100000 [04:27<29:23, 43.27it/s]
Training Step:  24%|          | 23690/100000 [04:27<30:06, 42.24it/s]
Training Step:  24%|          | 23695/100000 [04:27<29:21, 43.33it/s]
Training Step:  24%|          | 23700/100000 [04:27<30:00, 42.38it/s]
Training Step:  24%|          | 23705/100000 [04:27<30:18, 41.95it/s]
Training Step:  24%|          | 23710/100000 [04:27<31:03, 40.94it/s]
Training Step:  24%|          | 23715/100000 [04:27<31:42,
40.09it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  24%|          | 23720/100000 [04:28<40:25, 31.44it/s]
Training Step:  24%|          | 23727/100000 [04:28<32:33, 39.05it/s]
Training Step:  24%|          | 23734/100000 [04:28<28:28, 44.63it/s]
Training Step:  24%|          | 23740/100000 [04:28<26:25, 48.10it/s]
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Training Step:  24%|          | 23746/100000 [04:28<25:26, 49.96it/s]
Training Step:  24%|          | 23752/100000 [04:28<27:23, 46.38it/s]
Training Step:  24%|          | 23758/100000 [04:28<26:40, 47.64it/s]
Training Step:  24%|          | 23764/100000 [04:28<25:51, 49.14it/s]
Training Step:  24%|          | 23770/100000 [04:28<24:44, 51.34it/s]
Training Step:  24%|          | 23776/100000 [04:29<23:58, 53.00it/s]
Training Step:  24%|          | 23782/100000 [04:29<24:11, 52.50it/s]
Training Step:  24%|          | 23788/100000 [04:29<24:18, 52.26it/s]
Training Step:  24%|          | 23794/100000 [04:29<24:15, 52.37it/s]
Training Step:  24%|          | 23800/100000 [04:29<23:57, 53.00it/s]
Training Step:  24%|          | 23806/100000 [04:29<23:45, 53.46it/s]
Training Step:  24%|          | 23812/100000 [04:29<23:37, 53.76it/s]
Training Step:  24%|          | 23818/100000 [04:29<23:55, 53.06it/s]
Training Step:  24%|          | 23824/100000 [04:29<23:55, 53.07it/s]
Training Step:  24%|          | 23830/100000 [04:30<24:10, 52.52it/s]
Training Step:  24%|          | 23836/100000 [04:30<24:20, 52.14it/s]
Training Step:  24%|          | 23842/100000 [04:30<24:48, 51.15it/s]
Training Step:  24%|          | 23848/100000 [04:30<24:36, 51.59it/s]
Training Step:  24%|          | 23854/100000 [04:30<24:27, 51.89it/s]
Training Step:  24%|          | 23860/100000 [04:30<23:58, 52.95it/s]
Training Step:  24%|          | 23866/100000 [04:30<24:05, 52.66it/s]
Training Step:  24%|          | 23872/100000 [04:30<24:17, 52.24it/s]
Training Step:  24%|          | 23878/100000 [04:30<24:13, 52.36it/s]
Training Step:  24%|          | 23884/100000 [04:31<24:34, 51.63it/s]
Training Step:  24%|          | 23890/100000 [04:31<24:33, 51.64it/s]
Training Step:  24%|          | 23896/100000 [04:31<25:15, 50.23it/s]
Training Step:  24%|          | 23902/100000 [04:31<25:23, 49.96it/s]
Training Step:  24%|          | 23908/100000 [04:31<25:22, 49.97it/s]
Training Step:  24%|          | 23914/100000 [04:31<25:10, 50.36it/s]
Training Step:  24%|          | 23920/100000 [04:31<24:58, 50.76it/s]
Training Step:  24%|          | 23926/100000 [04:31<24:51, 51.00it/s]
Training Step:  24%|          | 23932/100000 [04:32<25:04, 50.57it/s]
Training Step:  24%|          | 23938/100000 [04:32<25:58, 48.80it/s]
Training Step:  24%|          | 23943/100000 [04:32<26:24, 47.99it/s]
Training Step:  24%|          | 23948/100000 [04:32<27:42, 45.74it/s]
Training Step:  24%|          | 23953/100000 [04:32<29:19, 43.22it/s]
Training Step:  24%|          | 23958/100000 [04:32<30:04, 42.14it/s]
Training Step:  24%|          | 23963/100000 [04:32<29:32, 42.90it/s]
Training Step:  24%|          | 23968/100000 [04:32<29:56, 42.33it/s]
Training Step:  24%|          | 23973/100000 [04:33<29:06, 43.54it/s]
Training Step:  24%|          | 23978/100000 [04:33<29:15, 43.30it/s]
Training Step:  24%|          | 23983/100000 [04:33<28:10, 44.98it/s]
Training Step:  24%|          | 23988/100000 [04:33<28:04, 45.14it/s]
Training Step:  24%|          | 23993/100000 [04:33<27:42, 45.73it/s]
Training Step:  24%|          | 23998/100000 [04:33<29:07, 43.50it/s]
Training Step:  24%|          | 24003/100000 [04:33<30:43, 41.23it/s]
Training Step:  24%|          | 24008/100000 [04:33<30:47, 41.13it/s]
Training Step:  24%|          | 24013/100000 [04:33<30:01, 42.18it/s]
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Training Step:   24%|            | 24018/100000 [04:34<30:34, 41.42it/s]
Training Step:   24%|            | 24023/100000 [04:34<30:28, 41.55it/s]
Training Step:   24%|            | 24028/100000 [04:34<30:29, 41.53it/s]
Training Step:   24%|            | 24033/100000 [04:34<30:33, 41.42it/s]
Training Step:   24%|            | 24038/100000 [04:34<32:22, 39.10it/s]
Training Step:   24%|            | 24042/100000 [04:34<35:01, 36.15it/s]
Training Step:   24%|            | 24046/100000 [04:34<37:30, 33.76it/s]
Training Step:   24%|            | 24050/100000 [04:35<39:27, 32.07it/s]
Training Step:   24%|            | 24054/100000 [04:35<40:23, 31.34it/s]
Training Step:   24%|            | 24058/100000 [04:35<40:35, 31.18it/s]
Training Step:   24%|            | 24062/100000 [04:35<39:55, 31.70it/s]
Training Step:   24%|            | 24066/100000 [04:35<39:15, 32.24it/s]
Training Step:   24%|            | 24070/100000 [04:35<39:31, 32.02it/s]
Training Step:   24%|            | 24074/100000 [04:35<40:41, 31.09it/s]
Training Step:   24%|            | 24078/100000 [04:35<41:26, 30.53it/s]
Training Step:   24%|            | 24082/100000 [04:36<40:04, 31.58it/s]
Training Step:   24%|            | 24086/100000 [04:36<40:05, 31.56it/s]
Training Step:   24%|            | 24090/100000 [04:36<40:06, 31.54it/s]
Training Step:   24%|            | 24094/100000 [04:36<38:42, 32.68it/s]
Training Step:   24%|            | 24098/100000 [04:36<38:45, 32.63it/s]
Training Step:   24%|            | 24102/100000 [04:36<40:41, 31.08it/s]
Training Step:   24%|            | 24106/100000 [04:36<39:35,
31.95it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:   24%|            | 24110/100000 [04:36<45:09, 28.01it/s]
Training Step:   24%|            | 24117/100000 [04:37<34:24, 36.76it/s]
Training Step:   24%|            | 24124/100000 [04:37<29:38, 42.67it/s]
Training Step:   24%|            | 24131/100000 [04:37<26:23, 47.91it/s]
Training Step:   24%|            | 24136/100000 [04:37<26:09, 48.34it/s]
Training Step:   24%|            | 24142/100000 [04:37<25:17, 49.99it/s]
Training Step:   24%|            | 24148/100000 [04:37<24:18, 52.02it/s]
Training Step:   24%|            | 24154/100000 [04:37<23:46, 53.18it/s]
Training Step:   24%|            | 24160/100000 [04:37<23:16, 54.32it/s]
Training Step:   24%|            | 24166/100000 [04:37<23:57, 52.75it/s]
Training Step:   24%|            | 24172/100000 [04:38<23:58, 52.71it/s]
Training Step:   24%|            | 24178/100000 [04:38<23:49, 53.03it/s]
Training Step:   24%|            | 24184/100000 [04:38<23:37, 53.48it/s]
Training Step:   24%|            | 24190/100000 [04:38<23:36, 53.51it/s]
Training Step:   24%|            | 24196/100000 [04:38<23:34, 53.60it/s]
Training Step:   24%|            | 24202/100000 [04:38<23:12, 54.42it/s]
Training Step:   24%|            | 24208/100000 [04:38<23:20, 54.12it/s]
Training Step:   24%|            | 24214/100000 [04:38<23:31, 53.68it/s]
Training Step:   24%|            | 24220/100000 [04:38<23:49, 53.00it/s]
Training Step:   24%|            | 24226/100000 [04:39<23:57, 52.72it/s]
Training Step:   24%|            | 24232/100000 [04:39<24:16, 52.01it/s]
Training Step:   24%|            | 24238/100000 [04:39<24:13, 52.12it/s]
Training Step:   24%|            | 24244/100000 [04:39<24:13, 52.14it/s]
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Training Step:  24%|          | 24250/100000 [04:39<24:06, 52.35it/s]
Training Step:  24%|          | 24256/100000 [04:39<24:28, 51.58it/s]
Training Step:  24%|          | 24262/100000 [04:39<25:16, 49.95it/s]
Training Step:  24%|          | 24268/100000 [04:39<25:34, 49.35it/s]
Training Step:  24%|          | 24274/100000 [04:40<25:20, 49.80it/s]
Training Step:  24%|          | 24280/100000 [04:40<25:07, 50.23it/s]
Training Step:  24%|          | 24286/100000 [04:40<26:25, 47.76it/s]
Training Step:  24%|          | 24291/100000 [04:40<26:28, 47.65it/s]
Training Step:  24%|          | 24296/100000 [04:40<27:47, 45.40it/s]
Training Step:  24%|          | 24301/100000 [04:40<28:12, 44.73it/s]
Training Step:  24%|          | 24306/100000 [04:40<27:55, 45.17it/s]
Training Step:  24%|          | 24311/100000 [04:40<28:08, 44.83it/s]
Training Step:  24%|          | 24316/100000 [04:40<28:23, 44.44it/s]
Training Step:  24%|          | 24321/100000 [04:41<28:15, 44.64it/s]
Training Step:  24%|          | 24326/100000 [04:41<28:33, 44.17it/s]
Training Step:  24%|          | 24331/100000 [04:41<28:36, 44.08it/s]
Training Step:  24%|          | 24336/100000 [04:41<28:48, 43.78it/s]
Training Step:  24%|          | 24341/100000 [04:41<29:23, 42.91it/s]
Training Step:  24%|          | 24346/100000 [04:41<29:34, 42.64it/s]
Training Step:  24%|          | 24351/100000 [04:41<29:26, 42.83it/s]
Training Step:  24%|          | 24356/100000 [04:41<30:03, 41.94it/s]
Training Step:  24%|          | 24361/100000 [04:42<29:03,
43.38it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  24%|          | 24366/100000 [04:42<31:36, 39.88it/s]
Training Step:  24%|          | 24373/100000 [04:42<26:37, 47.34it/s]
Training Step:  24%|          | 24380/100000 [04:42<23:48, 52.94it/s]
Training Step:  24%|          | 24386/100000 [04:42<23:50, 52.87it/s]
Training Step:  24%|          | 24392/100000 [04:42<24:35, 51.24it/s]
Training Step:  24%|          | 24398/100000 [04:42<24:57, 50.48it/s]
Training Step:  24%|          | 24404/100000 [04:42<24:58,
50.46it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  24%|          | 24410/100000 [04:43<29:00, 43.44it/s]
Training Step:  24%|          | 24418/100000 [04:43<25:19, 49.74it/s]
Training Step:  24%|          | 24425/100000 [04:43<23:22, 53.89it/s]
Training Step:  24%|          | 24431/100000 [04:43<23:16, 54.10it/s]
Training Step:  24%|          | 24437/100000 [04:43<24:14, 51.96it/s]
Training Step:  24%|          | 24443/100000 [04:43<24:26, 51.51it/s]
Training Step:  24%|          | 24449/100000 [04:43<25:08, 50.07it/s]
Training Step:  24%|          | 24455/100000 [04:43<25:33, 49.27it/s]
Training Step:  24%|          | 24460/100000 [04:43<25:48, 48.80it/s]
Training Step:  24%|          | 24465/100000 [04:44<25:42, 48.98it/s]
Training Step:  24%|          | 24470/100000 [04:44<26:14, 47.96it/s]
Training Step:  24%|          | 24475/100000 [04:44<26:22, 47.73it/s]
Training Step:  24%|          | 24480/100000 [04:44<26:23, 47.69it/s]
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Training Step:   24%|          | 24485/100000 [04:44<26:32, 47.40it/s]
Training Step:   24%|          | 24490/100000 [04:44<26:48, 46.94it/s]
Training Step:   24%|          | 24495/100000 [04:44<27:22, 45.97it/s]
Training Step:   24%|          | 24500/100000 [04:44<27:14, 46.19it/s]
Training Step:   25%|          | 24505/100000 [04:44<26:37, 47.26it/s]
Training Step:   25%|          | 24510/100000 [04:45<26:56, 46.71it/s]
Training Step:   25%|          | 24515/100000 [04:45<26:51, 46.85it/s]
Training Step:   25%|          | 24520/100000 [04:45<27:06, 46.41it/s]
Training Step:   25%|          | 24525/100000 [04:45<26:41, 47.14it/s]
Training Step:   25%|          | 24530/100000 [04:45<26:49, 46.90it/s]
Training Step:   25%|          | 24535/100000 [04:45<26:28, 47.52it/s]
Training Step:   25%|          | 24540/100000 [04:45<26:21, 47.70it/s]
Training Step:   25%|          | 24545/100000 [04:45<26:05,
48.21it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   25%|          | 24551/100000 [04:45<29:40, 42.38it/s]
Training Step:   25%|          | 24558/100000 [04:46<25:57, 48.44it/s]
Training Step:   25%|          | 24566/100000 [04:46<22:43, 55.30it/s]
Training Step:   25%|          | 24573/100000 [04:46<21:22, 58.79it/s]
Training Step:   25%|          | 24580/100000 [04:46<21:42, 57.89it/s]
Training Step:   25%|          | 24586/100000 [04:46<21:45, 57.75it/s]
Training Step:   25%|          | 24593/100000 [04:46<21:20, 58.90it/s]
Training Step:   25%|          | 24599/100000 [04:46<21:36, 58.15it/s]
Training Step:   25%|          | 24605/100000 [04:46<21:46, 57.70it/s]
Training Step:   25%|          | 24611/100000 [04:46<22:22, 56.14it/s]
Training Step:   25%|          | 24617/100000 [04:47<22:03, 56.97it/s]
Training Step:   25%|          | 24623/100000 [04:47<21:58, 57.18it/s]
Training Step:   25%|          | 24630/100000 [04:47<21:46,
57.71it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:   25%|          | 24636/100000 [04:47<24:28, 51.32it/s]
Training Step:   25%|          | 24643/100000 [04:47<22:35, 55.60it/s]
Training Step:   25%|          | 24650/100000 [04:47<21:41, 57.89it/s]
Training Step:   25%|          | 24657/100000 [04:47<20:55, 59.99it/s]
Training Step:   25%|          | 24664/100000 [04:47<21:19, 58.86it/s]
Training Step:   25%|          | 24670/100000 [04:47<21:20, 58.84it/s]
Training Step:   25%|          | 24676/100000 [04:48<21:16, 59.02it/s]
Training Step:   25%|          | 24682/100000 [04:48<21:25,
58.59it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:   25%|          | 24688/100000 [04:48<25:57, 48.36it/s]
Training Step:   25%|          | 24694/100000 [04:48<24:43, 50.77it/s]
Training Step:   25%|          | 24701/100000 [04:48<22:57, 54.66it/s]
Training Step:   25%|          | 24707/100000 [04:48<23:05, 54.34it/s]
Training Step:   25%|          | 24713/100000 [04:48<23:29, 53.41it/s]
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Training Step:   25%|          | 24719/100000 [04:48<23:39, 53.02it/s]
Training Step:   25%|          | 24725/100000 [04:49<23:33, 53.24it/s]
Training Step:   25%|          | 24731/100000 [04:49<23:22, 53.67it/s]
Training Step:   25%|          | 24737/100000 [04:49<24:02, 52.16it/s]
Training Step:   25%|          | 24743/100000 [04:49<23:38, 53.05it/s]
Training Step:   25%|          | 24749/100000 [04:49<24:56, 50.27it/s]
Training Step:   25%|          | 24755/100000 [04:49<24:47, 50.57it/s]
Training Step:   25%|          | 24761/100000 [04:49<24:45, 50.65it/s]
Training Step:   25%|          | 24767/100000 [04:49<24:28, 51.23it/s]
Training Step:   25%|          | 24773/100000 [04:49<24:05, 52.05it/s]
Training Step:   25%|          | 24779/100000 [04:50<24:04, 52.08it/s]
Training Step:   25%|          | 24785/100000 [04:50<23:50, 52.57it/s]
Training Step:   25%|          | 24791/100000 [04:50<23:59, 52.25it/s]
Training Step:   25%|          | 24797/100000 [04:50<23:44, 52.78it/s]
Training Step:   25%|          | 24803/100000 [04:50<23:49, 52.60it/s]
Training Step:   25%|          | 24809/100000 [04:50<23:53, 52.47it/s]
Training Step:   25%|          | 24815/100000 [04:50<23:54, 52.40it/s]
Training Step:   25%|          | 24821/100000 [04:50<24:19, 51.53it/s]
Training Step:   25%|          | 24827/100000 [04:50<24:05, 51.99it/s]
Training Step:   25%|          | 24833/100000 [04:51<24:33, 51.02it/s]
Training Step:   25%|          | 24839/100000 [04:51<25:10, 49.75it/s]
Training Step:   25%|          | 24844/100000 [04:51<26:24, 47.42it/s]
Training Step:   25%|          | 24849/100000 [04:51<26:27, 47.34it/s]
Training Step:   25%|          | 24854/100000 [04:51<27:04, 46.25it/s]
Training Step:   25%|          | 24859/100000 [04:51<27:19, 45.83it/s]
Training Step:   25%|          | 24864/100000 [04:51<27:45, 45.12it/s]
Training Step:   25%|          | 24869/100000 [04:51<27:39, 45.28it/s]
Training Step:   25%|          | 24874/100000 [04:52<28:30, 43.92it/s]
Training Step:   25%|          | 24879/100000 [04:52<27:46,
45.08it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:   25%|          | 24884/100000 [04:52<30:01, 41.70it/s]
Training Step:   25%|          | 24890/100000 [04:52<27:29, 45.53it/s]
Training Step:   25%|          | 24898/100000 [04:52<23:48, 52.59it/s]
Training Step:   25%|          | 24906/100000 [04:52<21:32, 58.08it/s]
Training Step:   25%|          | 24913/100000 [04:52<20:44, 60.35it/s]
Training Step:   25%|          | 24920/100000 [04:52<19:57, 62.71it/s]
Training Step:   25%|          | 24928/100000 [04:52<19:16, 64.89it/s]
Training Step:   25%|          | 24936/100000 [04:53<18:45, 66.69it/s]
Training Step:   25%|          | 24943/100000 [04:53<18:57, 65.96it/s]
Training Step:   25%|          | 24950/100000 [04:53<19:06, 65.44it/s]
Training Step:   25%|          | 24958/100000 [04:53<18:40, 66.99it/s]
Training Step:   25%|          | 24965/100000 [04:53<18:30, 67.55it/s]
Training Step:   25%|          | 24972/100000 [04:53<19:25, 64.38it/s]
Training Step:   25%|          | 24979/100000 [04:53<19:45,
63.30it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle
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Training Step:   25%|            | 24986/100000 [04:53<23:45, 52.61it/s]
Training Step:   25%|            | 24992/100000 [04:54<22:59, 54.38it/s]
Training Step:   25%|            | 24999/100000 [04:54<21:43, 57.54it/s]
Training Step:   25%|            | 25005/100000 [04:54<21:38, 57.76it/s]
Training Step:   25%|            | 25011/100000 [04:54<22:47, 54.82it/s]
Training Step:   25%|            | 25017/100000 [04:54<23:36, 52.92it/s]
Training Step:   25%|            | 25023/100000 [04:54<24:29, 51.01it/s]
Training Step:   25%|            | 25029/100000 [04:54<24:34, 50.84it/s]
Training Step:   25%|            | 25035/100000 [04:54<25:02, 49.90it/s]
Training Step:   25%|            | 25041/100000 [04:54<25:08, 49.69it/s]
Training Step:   25%|            | 25046/100000 [04:55<25:45, 48.51it/s]
Training Step:   25%|            | 25051/100000 [04:55<25:36, 48.77it/s]
Training Step:   25%|            | 25056/100000 [04:55<26:03, 47.93it/s]
Training Step:   25%|            | 25061/100000 [04:55<26:06, 47.84it/s]
Training Step:   25%|            | 25066/100000 [04:55<26:25, 47.25it/s]
Training Step:   25%|            | 25071/100000 [04:55<26:30, 47.10it/s]
Training Step:   25%|            | 25076/100000 [04:55<26:53, 46.44it/s]
Training Step:   25%|            | 25081/100000 [04:55<26:37, 46.91it/s]
Training Step:   25%|            | 25086/100000 [04:55<27:03, 46.14it/s]
Training Step:   25%|            | 25091/100000 [04:56<26:46, 46.63it/s]
Training Step:   25%|            | 25096/100000 [04:56<26:58, 46.27it/s]
Training Step:   25%|            | 25101/100000 [04:56<26:35, 46.93it/s]
Training Step:   25%|            | 25106/100000 [04:56<27:01, 46.18it/s]
Training Step:   25%|            | 25111/100000 [04:56<26:38, 46.86it/s]
Training Step:   25%|            | 25116/100000 [04:56<26:57, 46.30it/s]
Training Step:   25%|            | 25121/100000 [04:56<27:15, 45.79it/s]
Training Step:   25%|            | 25126/100000 [04:56<28:03, 44.47it/s]
Training Step:   25%|            | 25131/100000 [04:56<28:55, 43.14it/s]
Training Step:   25%|            | 25136/100000 [04:57<28:37, 43.58it/s]
Training Step:   25%|            | 25141/100000 [04:57<28:02, 44.48it/s]
Training Step:   25%|            | 25146/100000 [04:57<28:23, 43.94it/s]
Training Step:   25%|            | 25151/100000 [04:57<28:10, 44.27it/s]
Training Step:   25%|            | 25156/100000 [04:57<28:37, 43.57it/s]
Training Step:   25%|            | 25161/100000 [04:57<27:49, 44.83it/s]
Training Step:   25%|            | 25166/100000 [04:57<27:55,
44.65it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   25%|            | 25171/100000 [04:57<32:47, 38.03it/s]
Training Step:   25%|            | 25178/100000 [04:58<28:04, 44.41it/s]
Training Step:   25%|            | 25185/100000 [04:58<25:17, 49.30it/s]
Training Step:   25%|            | 25192/100000 [04:58<23:41, 52.63it/s]
Training Step:   25%|            | 25199/100000 [04:58<22:01, 56.60it/s]
Training Step:   25%|            | 25205/100000 [04:58<21:48, 57.18it/s]
Training Step:   25%|            | 25212/100000 [04:58<21:35, 57.72it/s]
Training Step:   25%|            | 25218/100000 [04:58<21:21, 58.34it/s]
Training Step:   25%|            | 25225/100000 [04:58<20:54, 59.61it/s]
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Training Step:   25%|          | 25232/100000 [04:58<20:29, 60.82it/s]
Training Step:   25%|          | 25239/100000 [04:58<19:59, 62.34it/s]
Training Step:   25%|          | 25246/100000 [04:59<20:27,
60.89it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:   25%|          | 25253/100000 [04:59<23:33, 52.87it/s]
Training Step:   25%|          | 25260/100000 [04:59<22:21, 55.72it/s]
Training Step:   25%|          | 25268/100000 [04:59<20:58, 59.36it/s]
Training Step:   25%|          | 25276/100000 [04:59<20:16, 61.44it/s]
Training Step:   25%|          | 25283/100000 [04:59<21:08, 58.88it/s]
Training Step:   25%|          | 25289/100000 [04:59<21:35, 57.69it/s]
Training Step:   25%|          | 25295/100000 [04:59<22:22, 55.66it/s]
Training Step:   25%|          | 25301/100000 [05:00<22:29, 55.35it/s]
Training Step:   25%|          | 25307/100000 [05:00<22:52, 54.40it/s]
Training Step:   25%|          | 25313/100000 [05:00<23:36, 52.74it/s]
Training Step:   25%|          | 25319/100000 [05:00<23:48, 52.29it/s]
Training Step:   25%|          | 25325/100000 [05:00<24:14,
51.33it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:   25%|          | 25331/100000 [05:00<30:08, 41.28it/s]
Training Step:   25%|          | 25337/100000 [05:00<27:28, 45.30it/s]
Training Step:   25%|          | 25344/100000 [05:01<25:04, 49.61it/s]
Training Step:   25%|          | 25351/100000 [05:01<23:21, 53.26it/s]
Training Step:   25%|          | 25358/100000 [05:01<22:46, 54.62it/s]
Training Step:   25%|          | 25364/100000 [05:01<22:31, 55.20it/s]
Training Step:   25%|          | 25371/100000 [05:01<21:21, 58.23it/s]
Training Step:   25%|          | 25378/100000 [05:01<21:26, 58.01it/s]
Training Step:   25%|          | 25385/100000 [05:01<20:56, 59.40it/s]
Training Step:   25%|          | 25391/100000 [05:01<21:13, 58.61it/s]
Training Step:   25%|          | 25397/100000 [05:01<21:35, 57.59it/s]
Training Step:   25%|          | 25403/100000 [05:02<21:52, 56.83it/s]
Training Step:   25%|          | 25410/100000 [05:02<21:32, 57.71it/s]
Training Step:   25%|          | 25417/100000 [05:02<21:06, 58.88it/s]
Training Step:   25%|          | 25423/100000 [05:02<21:09, 58.73it/s]
Training Step:   25%|          | 25429/100000 [05:02<21:08, 58.80it/s]
Training Step:   25%|          | 25435/100000 [05:02<21:31,
57.75it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:   25%|          | 25441/100000 [05:02<25:16, 49.16it/s]
Training Step:   25%|          | 25448/100000 [05:02<22:48, 54.47it/s]
Training Step:   25%|          | 25456/100000 [05:02<20:55, 59.39it/s]
Training Step:   25%|          | 25464/100000 [05:03<19:48,
62.73it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.
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Training Step:   25%|          | 25471/100000 [05:03<22:34, 55.00it/s]
Training Step:   25%|          | 25478/100000 [05:03<21:10, 58.65it/s]
Training Step:   25%|          | 25486/100000 [05:03<19:50, 62.59it/s]
Training Step:   25%|          | 25493/100000 [05:03<19:13, 64.57it/s]
Training Step:   26%|          | 25500/100000 [05:03<20:11, 61.50it/s]
Training Step:   26%|          | 25507/100000 [05:03<21:33, 57.60it/s]
Training Step:   26%|          | 25513/100000 [05:03<21:56, 56.57it/s]
Training Step:   26%|          | 25519/100000 [05:03<21:56, 56.60it/s]
Training Step:   26%|          | 25525/100000 [05:04<21:59, 56.45it/s]
Training Step:   26%|          | 25531/100000 [05:04<21:56, 56.55it/s]
Training Step:   26%|          | 25537/100000 [05:04<21:49, 56.88it/s]
Training Step:   26%|          | 25543/100000 [05:04<21:54, 56.64it/s]
Training Step:   26%|          | 25549/100000 [05:04<21:58, 56.47it/s]
Training Step:   26%|          | 25555/100000 [05:04<22:11, 55.89it/s]
Training Step:   26%|          | 25561/100000 [05:04<22:58, 53.99it/s]
Training Step:   26%|          | 25567/100000 [05:04<23:07, 53.63it/s]
Training Step:   26%|          | 25573/100000 [05:04<22:49, 54.34it/s]
Training Step:   26%|          | 25579/100000 [05:05<23:02, 53.82it/s]
Training Step:   26%|          | 25585/100000 [05:05<22:35, 54.88it/s]
Training Step:   26%|          | 25591/100000 [05:05<22:49, 54.35it/s]
Training Step:   26%|          | 25597/100000 [05:05<22:21, 55.47it/s]
Training Step:   26%|          | 25603/100000 [05:05<22:20, 55.49it/s]
Training Step:   26%|          | 25609/100000 [05:05<21:53, 56.64it/s]
Training Step:   26%|          | 25615/100000 [05:05<21:31, 57.59it/s]
Training Step:   26%|          | 25621/100000 [05:05<21:31, 57.58it/s]
Training Step:   26%|          | 25627/100000 [05:05<21:49,
56.79it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:   26%|          | 25633/100000 [05:06<27:25, 45.20it/s]
Training Step:   26%|          | 25640/100000 [05:06<25:14, 49.09it/s]
Training Step:   26%|          | 25648/100000 [05:06<22:39, 54.70it/s]
Training Step:   26%|          | 25656/100000 [05:06<21:00, 58.99it/s]
Training Step:   26%|          | 25663/100000 [05:06<20:11, 61.38it/s]
Training Step:   26%|          | 25670/100000 [05:06<20:20, 60.91it/s]
Training Step:   26%|          | 25677/100000 [05:06<19:58, 62.02it/s]
Training Step:   26%|          | 25684/100000 [05:06<20:21, 60.86it/s]
Training Step:   26%|          | 25691/100000 [05:07<20:44, 59.71it/s]
Training Step:   26%|          | 25698/100000 [05:07<20:40, 59.90it/s]
Training Step:   26%|          | 25705/100000 [05:07<20:05,
61.63it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:   26%|          | 25712/100000 [05:07<24:38, 50.26it/s]
Training Step:   26%|          | 25720/100000 [05:07<22:35, 54.80it/s]
Training Step:   26%|          | 25727/100000 [05:07<21:19, 58.03it/s]
Training Step:   26%|          | 25734/100000 [05:07<21:08, 58.55it/s]
Training Step:   26%|          | 25741/100000 [05:07<20:50, 59.37it/s]
```

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Training Step:  26%|          | 25748/100000 [05:08<21:00, 58.92it/s]
Training Step:  26%|          | 25755/100000 [05:08<20:35, 60.11it/s]
Training Step:  26%|          | 25762/100000 [05:08<20:42, 59.75it/s]
Training Step:  26%|          | 25769/100000 [05:08<20:36, 60.03it/s]
Training Step:  26%|          | 25776/100000 [05:08<20:56, 59.06it/s]
Training Step:  26%|          | 25783/100000 [05:08<20:34, 60.14it/s]
Training Step:  26%|          | 25790/100000 [05:08<21:04, 58.69it/s]
Training Step:  26%|          | 25796/100000 [05:08<21:27, 57.64it/s]
Training Step:  26%|          | 25802/100000 [05:08<21:20, 57.93it/s]
Training Step:  26%|          | 25808/100000 [05:09<22:10, 55.75it/s]
Training Step:  26%|          | 25814/100000 [05:09<23:22, 52.90it/s]
Training Step:  26%|          | 25820/100000 [05:09<23:42, 52.16it/s]
Training Step:  26%|          | 25826/100000 [05:09<24:02, 51.41it/s]
Training Step:  26%|          | 25832/100000 [05:09<23:58, 51.56it/s]
Training Step:  26%|          | 25838/100000 [05:09<24:06, 51.27it/s]
Training Step:  26%|          | 25844/100000 [05:09<24:15, 50.96it/s]
Training Step:  26%|          | 25850/100000 [05:09<24:15, 50.93it/s]
Training Step:  26%|          | 25856/100000 [05:10<24:35,
50.27it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  26%|          | 25862/100000 [05:10<28:33, 43.26it/s]
Training Step:  26%|          | 25870/100000 [05:10<24:40, 50.05it/s]
Training Step:  26%|          | 25878/100000 [05:10<22:06, 55.89it/s]
Training Step:  26%|          | 25885/100000 [05:10<21:30, 57.42it/s]
Training Step:  26%|          | 25891/100000 [05:10<22:38,
54.55it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  26%|          | 25897/100000 [05:10<26:31, 46.58it/s]
Training Step:  26%|          | 25904/100000 [05:10<24:22, 50.65it/s]
Training Step:  26%|          | 25911/100000 [05:11<22:20, 55.28it/s]
Training Step:  26%|          | 25918/100000 [05:11<21:26, 57.60it/s]
Training Step:  26%|          | 25925/100000 [05:11<20:19, 60.73it/s]
Training Step:  26%|          | 25932/100000 [05:11<20:05, 61.42it/s]
Training Step:  26%|          | 25939/100000 [05:11<19:53, 62.05it/s]
Training Step:  26%|          | 25946/100000 [05:11<19:53, 62.04it/s]
Training Step:  26%|          | 25953/100000 [05:11<19:31, 63.19it/s]
Training Step:  26%|          | 25960/100000 [05:11<19:22, 63.67it/s]
Training Step:  26%|          | 25967/100000 [05:11<20:02, 61.55it/s]
Training Step:  26%|          | 25974/100000 [05:12<20:11, 61.11it/s]
Training Step:  26%|          | 25981/100000 [05:12<20:12, 61.04it/s]
Training Step:  26%|          | 25988/100000 [05:12<20:39,
59.70it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:  26%|          | 25994/100000 [05:12<24:56, 49.45it/s]
Training Step:  26%|          | 26000/100000 [05:12<24:00, 51.37it/s]
```

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Training Step:  26%|          | 26007/100000 [05:12<22:09, 55.67it/s]
Training Step:  26%|          | 26014/100000 [05:12<21:04, 58.53it/s]
Training Step:  26%|          | 26021/100000 [05:12<21:02, 58.62it/s]
Training Step:  26%|          | 26027/100000 [05:13<21:17, 57.90it/s]
Training Step:  26%|          | 26033/100000 [05:13<21:46, 56.61it/s]
Training Step:  26%|          | 26039/100000 [05:13<21:35, 57.07it/s]
Training Step:  26%|          | 26046/100000 [05:13<21:33, 57.17it/s]
Training Step:  26%|          | 26052/100000 [05:13<21:58, 56.10it/s]
Training Step:  26%|          | 26059/100000 [05:13<21:24, 57.55it/s]
Training Step:  26%|          | 26065/100000 [05:13<23:05, 53.37it/s]
Training Step:  26%|          | 26071/100000 [05:13<24:02, 51.24it/s]
Training Step:  26%|          | 26077/100000 [05:13<24:11, 50.93it/s]
Training Step:  26%|          | 26083/100000 [05:14<24:01, 51.29it/s]
Training Step:  26%|          | 26089/100000 [05:14<24:12, 50.90it/s]
Training Step:  26%|          | 26095/100000 [05:14<23:54, 51.53it/s]
Training Step:  26%|          | 26101/100000 [05:14<23:19, 52.81it/s]
Training Step:  26%|          | 26107/100000 [05:14<23:21, 52.72it/s]
Training Step:  26%|          | 26113/100000 [05:14<23:24, 52.61it/s]
Training Step:  26%|          | 26119/100000 [05:14<23:27, 52.48it/s]
Training Step:  26%|          | 26125/100000 [05:14<22:59, 53.54it/s]
Training Step:  26%|          | 26131/100000 [05:15<23:22, 52.66it/s]
Training Step:  26%|          | 26137/100000 [05:15<23:24, 52.58it/s]
Training Step:  26%|          | 26143/100000 [05:15<23:23, 52.61it/s]
Training Step:  26%|          | 26149/100000 [05:15<23:19, 52.76it/s]
Training Step:  26%|          | 26155/100000 [05:15<23:56, 51.41it/s]
Training Step:  26%|          | 26161/100000 [05:15<25:00, 49.22it/s]
Training Step:  26%|          | 26166/100000 [05:15<25:13, 48.79it/s]
Training Step:  26%|          | 26172/100000 [05:15<25:27, 48.33it/s]
Training Step:  26%|          | 26177/100000 [05:15<25:57, 47.39it/s]
Training Step:  26%|          | 26182/100000 [05:16<26:43, 46.04it/s]
Training Step:  26%|          | 26187/100000 [05:16<26:24, 46.59it/s]
Training Step:  26%|          | 26192/100000 [05:16<26:47, 45.90it/s]
Training Step:  26%|          | 26197/100000 [05:16<26:48, 45.89it/s]
Training Step:  26%|          | 26202/100000 [05:16<29:20, 41.92it/s]
Training Step:  26%|          | 26207/100000 [05:16<30:02, 40.93it/s]
Training Step:  26%|          | 26212/100000 [05:16<30:32, 40.26it/s]
Training Step:  26%|          | 26217/100000 [05:16<30:49, 39.90it/s]
Training Step:  26%|          | 26222/100000 [05:17<30:08, 40.80it/s]
Training Step:  26%|          | 26227/100000 [05:17<29:30, 41.67it/s]
Training Step:  26%|          | 26232/100000 [05:17<29:01, 42.35it/s]
Training Step:  26%|          | 26237/100000 [05:17<28:06, 43.74it/s]
Training Step:  26%|          | 26242/100000 [05:17<28:00, 43.89it/s]
Training Step:  26%|          | 26247/100000 [05:17<27:12, 45.19it/s]
Training Step:  26%|          | 26252/100000 [05:17<26:47, 45.89it/s]
Training Step:  26%|          | 26257/100000 [05:17<26:16, 46.78it/s]
Training Step:  26%|          | 26262/100000 [05:17<25:54, 47.43it/s]
Training Step:  26%|          | 26267/100000 [05:17<25:30, 48.17it/s]
Training Step:  26%|          | 26272/100000 [05:18<25:35, 48.01it/s]
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Training Step:   26%|            | 26277/100000 [05:18<25:57, 47.33it/s]
Training Step:   26%|            | 26282/100000 [05:18<25:54, 47.42it/s]
Training Step:   26%|            | 26288/100000 [05:18<24:46, 49.60it/s]
Training Step:   26%|            | 26294/100000 [05:18<24:34, 50.00it/s]
Training Step:   26%|            | 26300/100000 [05:18<24:45, 49.61it/s]
Training Step:   26%|            | 26305/100000 [05:18<24:58, 49.18it/s]
Training Step:   26%|            | 26310/100000 [05:18<25:08, 48.86it/s]
Training Step:   26%|            | 26315/100000 [05:18<25:02, 49.04it/s]
Training Step:   26%|            | 26320/100000 [05:19<25:06, 48.90it/s]
Training Step:   26%|            | 26326/100000 [05:19<24:14, 50.64it/s]
Training Step:   26%|            | 26332/100000 [05:19<23:56, 51.27it/s]
Training Step:   26%|            | 26338/100000 [05:19<23:52, 51.41it/s]
Training Step:   26%|            | 26344/100000 [05:19<23:57, 51.23it/s]
Training Step:   26%|            | 26350/100000 [05:19<24:00, 51.11it/s]
Training Step:   26%|            | 26356/100000 [05:19<24:07, 50.89it/s]
Training Step:   26%|            | 26362/100000 [05:19<23:30, 52.22it/s]
Training Step:   26%|            | 26368/100000 [05:19<23:04,
53.19it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:   26%|            | 26374/100000 [05:20<26:45, 45.85it/s]
Training Step:   26%|            | 26381/100000 [05:20<23:43, 51.73it/s]
Training Step:   26%|            | 26388/100000 [05:20<22:23, 54.81it/s]
Training Step:   26%|            | 26395/100000 [05:20<21:03, 58.25it/s]
Training Step:   26%|            | 26401/100000 [05:20<21:12, 57.84it/s]
Training Step:   26%|            | 26407/100000 [05:20<21:05, 58.14it/s]
Training Step:   26%|            | 26414/100000 [05:20<20:37, 59.47it/s]
Training Step:   26%|            | 26421/100000 [05:20<20:41, 59.27it/s]
Training Step:   26%|            | 26427/100000 [05:21<20:52, 58.74it/s]
Training Step:   26%|            | 26434/100000 [05:21<20:48, 58.92it/s]
Training Step:   26%|            | 26440/100000 [05:21<20:49, 58.89it/s]
Training Step:   26%|            | 26446/100000 [05:21<20:46, 59.02it/s]
Training Step:   26%|            | 26452/100000 [05:21<20:56, 58.55it/s]
Training Step:   26%|            | 26458/100000 [05:21<21:08, 57.98it/s]
Training Step:   26%|            | 26464/100000 [05:21<22:49, 53.71it/s]
Training Step:   26%|            | 26470/100000 [05:21<22:42, 53.97it/s]
Training Step:   26%|            | 26476/100000 [05:21<23:02, 53.17it/s]
Training Step:   26%|            | 26482/100000 [05:22<23:46, 51.53it/s]
Training Step:   26%|            | 26488/100000 [05:22<25:30, 48.02it/s]
Training Step:   26%|            | 26494/100000 [05:22<25:02, 48.93it/s]
Training Step:   26%|            | 26500/100000 [05:22<24:44, 49.52it/s]
Training Step:   27%|            | 26506/100000 [05:22<24:54, 49.17it/s]
Training Step:   27%|            | 26511/100000 [05:22<24:58, 49.05it/s]
Training Step:   27%|            | 26516/100000 [05:22<24:56, 49.10it/s]
Training Step:   27%|            | 26522/100000 [05:22<24:23, 50.21it/s]
Training Step:   27%|            | 26528/100000 [05:22<24:15, 50.49it/s]
Training Step:   27%|            | 26534/100000 [05:23<24:28, 50.03it/s]
Training Step:   27%|            | 26540/100000 [05:23<24:13, 50.54it/s]
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Training Step:  27%|          | 26546/100000 [05:23<25:02, 48.88it/s]
Training Step:  27%|          | 26552/100000 [05:23<24:11, 50.59it/s]
Training Step:  27%|          | 26558/100000 [05:23<23:36, 51.86it/s]
Training Step:  27%|          | 26564/100000 [05:23<24:17, 50.38it/s]
Training Step:  27%|          | 26570/100000 [05:23<24:31, 49.89it/s]
Training Step:  27%|          | 26576/100000 [05:23<25:46, 47.48it/s]
Training Step:  27%|          | 26582/100000 [05:24<25:22, 48.21it/s]
Training Step:  27%|          | 26587/100000 [05:24<25:16, 48.42it/s]
Training Step:  27%|          | 26592/100000 [05:24<25:27, 48.07it/s]
Training Step:  27%|          | 26598/100000 [05:24<24:48,
49.31it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  27%|          | 26603/100000 [05:24<26:40, 45.87it/s]
Training Step:  27%|          | 26610/100000 [05:24<23:35, 51.86it/s]
Training Step:  27%|          | 26618/100000 [05:24<20:49, 58.74it/s]
Training Step:  27%|          | 26625/100000 [05:24<20:02, 61.02it/s]
Training Step:  27%|          | 26632/100000 [05:24<19:33, 62.51it/s]
Training Step:  27%|          | 26640/100000 [05:25<19:01, 64.27it/s]
Training Step:  27%|          | 26648/100000 [05:25<18:21, 66.61it/s]
Training Step:  27%|          | 26656/100000 [05:25<17:51, 68.43it/s]
Training Step:  27%|          | 26664/100000 [05:25<17:49, 68.60it/s]
Training Step:  27%|          | 26672/100000 [05:25<17:30, 69.82it/s]
Training Step:  27%|          | 26680/100000 [05:25<17:28, 69.93it/s]
Training Step:  27%|          | 26687/100000 [05:25<17:31, 69.76it/s]
Training Step:  27%|          | 26694/100000 [05:25<18:35, 65.74it/s]
Training Step:  27%|          | 26701/100000 [05:25<18:57, 64.43it/s]
Training Step:  27%|          | 26708/100000 [05:26<18:55, 64.54it/s]
Training Step:  27%|          | 26715/100000 [05:26<18:49, 64.88it/s]
Training Step:  27%|          | 26722/100000 [05:26<18:52, 64.68it/s]
Training Step:  27%|          | 26729/100000 [05:26<18:52, 64.72it/s]
Training Step:  27%|          | 26736/100000 [05:26<19:07, 63.87it/s]
Training Step:  27%|          | 26743/100000 [05:26<18:58, 64.33it/s]
Training Step:  27%|          | 26750/100000 [05:26<19:30, 62.58it/s]
Training Step:  27%|          | 26757/100000 [05:26<19:40, 62.05it/s]
Training Step:  27%|          | 26764/100000 [05:26<21:19, 57.23it/s]
Training Step:  27%|          | 26770/100000 [05:27<22:15, 54.84it/s]
Training Step:  27%|          | 26776/100000 [05:27<23:18, 52.35it/s]
Training Step:  27%|          | 26782/100000 [05:27<23:19,
52.30it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  27%|          | 26788/100000 [05:27<25:45, 47.39it/s]
Training Step:  27%|          | 26796/100000 [05:27<22:46, 53.57it/s]
Training Step:  27%|          | 26803/100000 [05:27<21:11, 57.58it/s]
Training Step:  27%|          | 26810/100000 [05:27<20:30, 59.46it/s]
Training Step:  27%|          | 26817/100000 [05:27<21:06, 57.78it/s]
Training Step:  27%|          | 26823/100000 [05:28<21:42, 56.17it/s]
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Training Step:   27%|              | 26829/100000 [05:28<21:26, 56.85it/s]
Training Step:   27%|              | 26835/100000 [05:28<21:42, 56.18it/s]
Training Step:   27%|              | 26841/100000 [05:28<21:35, 56.45it/s]
Training Step:   27%|              | 26847/100000 [05:28<21:56, 55.58it/s]
Training Step:   27%|              | 26853/100000 [05:28<22:32, 54.10it/s]
Training Step:   27%|              | 26859/100000 [05:28<23:08,
52.68it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:   27%|              | 26865/100000 [05:28<27:58, 43.57it/s]
Training Step:   27%|              | 26872/100000 [05:29<24:41, 49.36it/s]
Training Step:   27%|              | 26879/100000 [05:29<22:38, 53.84it/s]
Training Step:   27%|              | 26886/100000 [05:29<21:08, 57.63it/s]
Training Step:   27%|              | 26893/100000 [05:29<20:49, 58.50it/s]
Training Step:   27%|              | 26900/100000 [05:29<20:28, 59.52it/s]
Training Step:   27%|              | 26907/100000 [05:29<19:44, 61.70it/s]
Training Step:   27%|              | 26914/100000 [05:29<20:05, 60.64it/s]
Training Step:   27%|              | 26921/100000 [05:29<20:00, 60.87it/s]
Training Step:   27%|              | 26928/100000 [05:29<20:26, 59.58it/s]
Training Step:   27%|              | 26935/100000 [05:30<19:43, 61.75it/s]
Training Step:   27%|              | 26942/100000 [05:30<19:46, 61.57it/s]
Training Step:   27%|              | 26949/100000 [05:30<19:40, 61.89it/s]
Training Step:   27%|              | 26956/100000 [05:30<20:00, 60.84it/s]
Training Step:   27%|              | 26963/100000 [05:30<19:31,
62.33it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:   27%|              | 26970/100000 [05:30<21:26, 56.76it/s]
Training Step:   27%|              | 26978/100000 [05:30<19:41, 61.80it/s]
Training Step:   27%|              | 26986/100000 [05:30<18:41, 65.09it/s]
Training Step:   27%|              | 26993/100000 [05:30<18:22, 66.24it/s]
Training Step:   27%|              | 27000/100000 [05:31<18:10, 66.91it/s]
Training Step:   27%|              | 27008/100000 [05:31<18:06, 67.20it/s]
Training Step:   27%|              | 27016/100000 [05:31<18:00, 67.56it/s]
Training Step:   27%|              | 27023/100000 [05:31<18:07, 67.12it/s]
Training Step:   27%|              | 27030/100000 [05:31<18:42, 65.03it/s]
Training Step:   27%|              | 27037/100000 [05:31<18:53, 64.37it/s]
Training Step:   27%|              | 27044/100000 [05:31<19:08, 63.55it/s]
Training Step:   27%|              | 27051/100000 [05:31<18:58, 64.09it/s]
Training Step:   27%|              | 27058/100000 [05:31<19:42, 61.68it/s]
Training Step:   27%|              | 27065/100000 [05:32<19:22,
62.75it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:   27%|              | 27072/100000 [05:32<21:58, 55.31it/s]
Training Step:   27%|              | 27080/100000 [05:32<20:30, 59.27it/s]
Training Step:   27%|              | 27088/100000 [05:32<19:35, 62.03it/s]
Training Step:   27%|              | 27095/100000 [05:32<19:50, 61.26it/s]
```

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Training Step:   27%|            | 27102/100000 [05:32<20:43, 58.63it/s]
Training Step:   27%|            | 27108/100000 [05:32<21:26, 56.65it/s]
Training Step:   27%|            | 27114/100000 [05:32<22:13, 54.67it/s]
Training Step:   27%|            | 27120/100000 [05:33<22:31, 53.94it/s]
Training Step:   27%|            | 27126/100000 [05:33<22:40, 53.56it/s]
Training Step:   27%|            | 27132/100000 [05:33<22:45, 53.35it/s]
Training Step:   27%|            | 27138/100000 [05:33<22:54, 53.00it/s]
Training Step:   27%|            | 27144/100000 [05:33<23:11, 52.34it/s]
Training Step:   27%|            | 27150/100000 [05:33<22:59, 52.81it/s]
Training Step:   27%|            | 27156/100000 [05:33<23:32, 51.57it/s]
Training Step:   27%|            | 27162/100000 [05:33<23:30, 51.64it/s]
Training Step:   27%|            | 27168/100000 [05:34<23:20,
51.99it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle

Training Step:   27%|            | 27174/100000 [05:34<25:22, 47.83it/s]
Training Step:   27%|            | 27182/100000 [05:34<22:29, 53.95it/s]
Training Step:   27%|            | 27190/100000 [05:34<20:40, 58.71it/s]
Training Step:   27%|            | 27196/100000 [05:34<20:35, 58.90it/s]
Training Step:   27%|            | 27202/100000 [05:34<21:20, 56.87it/s]
Training Step:   27%|            | 27208/100000 [05:34<22:22, 54.21it/s]
Training Step:   27%|            | 27214/100000 [05:34<23:24, 51.82it/s]
Training Step:   27%|            | 27220/100000 [05:34<23:35, 51.41it/s]
Training Step:   27%|            | 27226/100000 [05:35<24:16, 49.96it/s]
Training Step:   27%|            | 27232/100000 [05:35<24:19, 49.84it/s]
Training Step:   27%|            | 27238/100000 [05:35<24:32, 49.42it/s]
Training Step:   27%|            | 27244/100000 [05:35<24:16, 49.96it/s]
Training Step:   27%|            | 27250/100000 [05:35<24:26, 49.60it/s]
Training Step:   27%|            | 27255/100000 [05:35<24:28, 49.53it/s]
Training Step:   27%|            | 27260/100000 [05:35<24:47, 48.92it/s]
Training Step:   27%|            | 27265/100000 [05:35<24:45, 48.97it/s]
Training Step:   27%|            | 27270/100000 [05:36<26:00, 46.61it/s]
Training Step:   27%|            | 27275/100000 [05:36<25:53, 46.80it/s]
Training Step:   27%|            | 27280/100000 [05:36<26:34, 45.62it/s]
Training Step:   27%|            | 27286/100000 [05:36<26:01, 46.55it/s]
Training Step:   27%|            | 27291/100000 [05:36<25:44, 47.06it/s]
Training Step:   27%|            | 27296/100000 [05:36<26:21,
45.97it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   27%|            | 27301/100000 [05:36<31:05, 38.97it/s]
Training Step:   27%|            | 27308/100000 [05:36<26:27, 45.78it/s]
Training Step:   27%|            | 27315/100000 [05:36<23:52, 50.75it/s]
Training Step:   27%|            | 27322/100000 [05:37<22:43, 53.29it/s]
Training Step:   27%|            | 27328/100000 [05:37<22:31, 53.78it/s]
Training Step:   27%|            | 27335/100000 [05:37<21:28, 56.41it/s]
Training Step:   27%|            | 27341/100000 [05:37<22:08, 54.71it/s]
```

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Training Step:  27%|          | 27347/100000 [05:37<22:16, 54.38it/s]
Training Step:  27%|          | 27353/100000 [05:37<21:39, 55.90it/s]
Training Step:  27%|          | 27360/100000 [05:37<21:09, 57.23it/s]
Training Step:  27%|          | 27366/100000 [05:37<21:16, 56.90it/s]
Training Step:  27%|          | 27372/100000 [05:37<21:28,
56.35it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  27%|          | 27378/100000 [05:38<25:57, 46.61it/s]
Training Step:  27%|          | 27384/100000 [05:38<24:18, 49.78it/s]
Training Step:  27%|          | 27391/100000 [05:38<22:01, 54.94it/s]
Training Step:  27%|          | 27398/100000 [05:38<21:23, 56.55it/s]
Training Step:  27%|          | 27404/100000 [05:38<21:14, 56.95it/s]
Training Step:  27%|          | 27410/100000 [05:38<21:15, 56.92it/s]
Training Step:  27%|          | 27416/100000 [05:38<21:34, 56.05it/s]
Training Step:  27%|          | 27422/100000 [05:38<21:13, 57.00it/s]
Training Step:  27%|          | 27428/100000 [05:39<22:52, 52.88it/s]
Training Step:  27%|          | 27434/100000 [05:39<22:32, 53.65it/s]
Training Step:  27%|          | 27440/100000 [05:39<22:30, 53.72it/s]
Training Step:  27%|          | 27446/100000 [05:39<22:25, 53.93it/s]
Training Step:  27%|          | 27452/100000 [05:39<22:09, 54.55it/s]
Training Step:  27%|          | 27458/100000 [05:39<21:44, 55.61it/s]
Training Step:  27%|          | 27464/100000 [05:39<21:30, 56.22it/s]
Training Step:  27%|          | 27470/100000 [05:39<21:42, 55.71it/s]
Training Step:  27%|          | 27476/100000 [05:39<21:19, 56.69it/s]
Training Step:  27%|          | 27482/100000 [05:39<21:06, 57.24it/s]
Training Step:  27%|          | 27488/100000 [05:40<21:21, 56.57it/s]
Training Step:  27%|          | 27494/100000 [05:40<21:17, 56.74it/s]
Training Step:  28%|          | 27500/100000 [05:40<22:09, 54.53it/s]
Training Step:  28%|          | 27506/100000 [05:40<22:37, 53.39it/s]
Training Step:  28%|          | 27512/100000 [05:40<23:11, 52.08it/s]
Training Step:  28%|          | 27518/100000 [05:40<22:49, 52.93it/s]
Training Step:  28%|          | 27524/100000 [05:40<22:49, 52.91it/s]
Training Step:  28%|          | 27530/100000 [05:40<23:03, 52.38it/s]
Training Step:  28%|          | 27536/100000 [05:41<23:26,
51.51it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  28%|          | 27542/100000 [05:41<28:47, 41.95it/s]
Training Step:  28%|          | 27550/100000 [05:41<24:37, 49.03it/s]
Training Step:  28%|          | 27557/100000 [05:41<22:32, 53.57it/s]
Training Step:  28%|          | 27564/100000 [05:41<21:19, 56.60it/s]
Training Step:  28%|          | 27570/100000 [05:41<21:46, 55.44it/s]
Training Step:  28%|          | 27576/100000 [05:41<22:14, 54.25it/s]
Training Step:  28%|          | 27582/100000 [05:41<22:40, 53.22it/s]
Training Step:  28%|          | 27588/100000 [05:42<23:00, 52.47it/s]
Training Step:  28%|          | 27594/100000 [05:42<22:57, 52.57it/s]
Training Step:  28%|          | 27600/100000 [05:42<23:12, 51.98it/s]
```

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Training Step:    28%|          | 27606/100000 [05:42<23:29, 51.38it/s]
Training Step:    28%|          | 27612/100000 [05:42<23:44,
50.83it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:    28%|          | 27618/100000 [05:42<30:10, 39.97it/s]
Training Step:    28%|          | 27625/100000 [05:42<26:06, 46.21it/s]
Training Step:    28%|          | 27632/100000 [05:42<23:34, 51.15it/s]
Training Step:    28%|          | 27639/100000 [05:43<22:29, 53.60it/s]
Training Step:    28%|          | 27645/100000 [05:43<22:30, 53.59it/s]
Training Step:    28%|          | 27651/100000 [05:43<22:43, 53.05it/s]
Training Step:    28%|          | 27657/100000 [05:43<22:53, 52.66it/s]
Training Step:    28%|          | 27663/100000 [05:43<23:04, 52.25it/s]
Training Step:    28%|          | 27669/100000 [05:43<23:33, 51.18it/s]
Training Step:    28%|          | 27675/100000 [05:43<23:50, 50.57it/s]
Training Step:    28%|          | 27681/100000 [05:43<23:47, 50.65it/s]
Training Step:    28%|          | 27687/100000 [05:43<23:38, 50.97it/s]
Training Step:    28%|          | 27693/100000 [05:44<23:36, 51.06it/s]
Training Step:    28%|          | 27699/100000 [05:44<23:48, 50.62it/s]
Training Step:    28%|          | 27705/100000 [05:44<24:21,
49.45it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:    28%|          | 27710/100000 [05:44<29:17, 41.13it/s]
Training Step:    28%|          | 27717/100000 [05:44<25:14, 47.71it/s]
Training Step:    28%|          | 27724/100000 [05:44<23:48, 50.61it/s]
Training Step:    28%|          | 27730/100000 [05:44<23:21, 51.55it/s]
Training Step:    28%|          | 27736/100000 [05:44<23:49, 50.56it/s]
Training Step:    28%|          | 27742/100000 [05:45<23:52, 50.43it/s]
Training Step:    28%|          | 27748/100000 [05:45<23:56, 50.28it/s]
Training Step:    28%|          | 27754/100000 [05:45<23:37, 50.97it/s]
Training Step:    28%|          | 27760/100000 [05:45<23:23, 51.46it/s]
Training Step:    28%|          | 27766/100000 [05:45<23:13, 51.82it/s]
Training Step:    28%|          | 27772/100000 [05:45<23:19, 51.60it/s]
Training Step:    28%|          | 27778/100000 [05:45<23:07, 52.05it/s]
Training Step:    28%|          | 27784/100000 [05:45<23:40, 50.83it/s]
Training Step:    28%|          | 27790/100000 [05:46<23:34, 51.05it/s]
Training Step:    28%|          | 27796/100000 [05:46<23:30, 51.19it/s]
Training Step:    28%|          | 27802/100000 [05:46<23:23, 51.44it/s]
Training Step:    28%|          | 27808/100000 [05:46<23:51, 50.44it/s]
Training Step:    28%|          | 27814/100000 [05:46<24:01, 50.06it/s]
Training Step:    28%|          | 27820/100000 [05:46<24:04,
49.97it/s][INFO] Episode ended! Scenario Index: 1008 Reason: crash
vehicle

Training Step:    28%|          | 27826/100000 [05:46<26:23, 45.59it/s]
Training Step:    28%|          | 27834/100000 [05:46<23:14, 51.75it/s]
Training Step:    28%|          | 27841/100000 [05:47<21:33, 55.78it/s]
```

```
Training Step:  28%|              | 27847/100000 [05:47<21:21, 56.31it/s]
Training Step:  28%|              | 27853/100000 [05:47<21:06, 56.97it/s]
Training Step:  28%|              | 27859/100000 [05:47<20:56, 57.40it/s]
Training Step:  28%|              | 27866/100000 [05:47<20:53, 57.55it/s]
Training Step:  28%|              | 27872/100000 [05:47<20:49, 57.74it/s]
Training Step:  28%|              | 27879/100000 [05:47<20:11, 59.52it/s]
Training Step:  28%|              | 27885/100000 [05:47<20:14, 59.40it/s]
Training Step:  28%|              | 27892/100000 [05:47<19:57, 60.21it/s]
Training Step:  28%|              | 27899/100000 [05:47<20:16, 59.29it/s]
Training Step:  28%|              | 27905/100000 [05:48<20:45, 57.89it/s]
Training Step:  28%|              | 27911/100000 [05:48<20:39, 58.18it/s]
Training Step:  28%|              | 27917/100000 [05:48<20:45, 57.88it/s]
Training Step:  28%|              | 27923/100000 [05:48<20:49, 57.68it/s]
Training Step:  28%|              | 27929/100000 [05:48<21:03, 57.05it/s]
Training Step:  28%|              | 27935/100000 [05:48<20:59, 57.24it/s]
Training Step:  28%|              | 27941/100000 [05:48<21:09,
56.76it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  28%|              | 27947/100000 [05:48<25:21, 47.37it/s]
Training Step:  28%|              | 27954/100000 [05:49<22:48, 52.63it/s]
Training Step:  28%|              | 27962/100000 [05:49<20:49, 57.64it/s]
Training Step:  28%|              | 27969/100000 [05:49<19:45, 60.75it/s]
Training Step:  28%|              | 27976/100000 [05:49<20:00, 59.97it/s]
Training Step:  28%|              | 27983/100000 [05:49<19:16, 62.26it/s]
Training Step:  28%|              | 27990/100000 [05:49<19:23, 61.91it/s]
Training Step:  28%|              | 27997/100000 [05:49<18:48,
63.79it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  28%|              | 28004/100000 [05:49<23:34, 50.90it/s]
Training Step:  28%|              | 28011/100000 [05:49<21:40, 55.34it/s]
Training Step:  28%|              | 28018/100000 [05:50<20:22, 58.86it/s]
Training Step:  28%|              | 28025/100000 [05:50<21:24, 56.02it/s]
Training Step:  28%|              | 28031/100000 [05:50<21:27, 55.90it/s]
Training Step:  28%|              | 28037/100000 [05:50<21:26, 55.95it/s]
Training Step:  28%|              | 28043/100000 [05:50<21:30, 55.76it/s]
Training Step:  28%|              | 28049/100000 [05:50<21:10, 56.61it/s]
Training Step:  28%|              | 28056/100000 [05:50<20:56, 57.25it/s]
Training Step:  28%|              | 28062/100000 [05:50<21:02, 57.00it/s]
Training Step:  28%|              | 28068/100000 [05:50<22:19, 53.69it/s]
Training Step:  28%|              | 28074/100000 [05:51<22:38, 52.96it/s]
Training Step:  28%|              | 28080/100000 [05:51<22:43, 52.73it/s]
Training Step:  28%|              | 28086/100000 [05:51<22:48, 52.56it/s]
Training Step:  28%|              | 28092/100000 [05:51<22:54, 52.32it/s]
Training Step:  28%|              | 28098/100000 [05:51<23:11, 51.68it/s]
Training Step:  28%|              | 28104/100000 [05:51<23:11, 51.67it/s]
Training Step:  28%|              | 28110/100000 [05:51<23:13, 51.58it/s]
```

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Training Step:   28%|          | 28116/100000 [05:51<23:37, 50.71it/s]
Training Step:   28%|          | 28122/100000 [05:52<23:07,
51.80it/s][INFO] Episode ended! Scenario Index: 1006 Reason: crash
vehicle

Training Step:   28%|          | 28128/100000 [05:52<27:58, 42.81it/s]
Training Step:   28%|          | 28135/100000 [05:52<24:33, 48.78it/s]
Training Step:   28%|          | 28142/100000 [05:52<23:04, 51.90it/s]
Training Step:   28%|          | 28149/100000 [05:52<22:02, 54.33it/s]
Training Step:   28%|          | 28155/100000 [05:52<22:27, 53.33it/s]
Training Step:   28%|          | 28161/100000 [05:52<22:47, 52.55it/s]
Training Step:   28%|          | 28167/100000 [05:52<23:23, 51.20it/s]
Training Step:   28%|          | 28173/100000 [05:53<23:25, 51.09it/s]
Training Step:   28%|          | 28179/100000 [05:53<23:41, 50.52it/s]
Training Step:   28%|          | 28185/100000 [05:53<23:28, 51.00it/s]
Training Step:   28%|          | 28191/100000 [05:53<23:04, 51.87it/s]
Training Step:   28%|          | 28197/100000 [05:53<23:23, 51.17it/s]
Training Step:   28%|          | 28203/100000 [05:53<23:04, 51.86it/s]
Training Step:   28%|          | 28209/100000 [05:53<24:09, 49.52it/s]
Training Step:   28%|          | 28214/100000 [05:53<24:32, 48.75it/s]
Training Step:   28%|          | 28220/100000 [05:53<24:34, 48.69it/s]
Training Step:   28%|          | 28226/100000 [05:54<24:00, 49.82it/s]
Training Step:   28%|          | 28232/100000 [05:54<24:25, 48.96it/s]
Training Step:   28%|          | 28238/100000 [05:54<24:15,
49.31it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   28%|          | 28244/100000 [05:54<27:33, 43.40it/s]
Training Step:   28%|          | 28252/100000 [05:54<23:52, 50.09it/s]
Training Step:   28%|          | 28260/100000 [05:54<21:22, 55.94it/s]
Training Step:   28%|          | 28267/100000 [05:54<20:35, 58.05it/s]
Training Step:   28%|          | 28274/100000 [05:54<20:06, 59.47it/s]
Training Step:   28%|          | 28281/100000 [05:55<19:11, 62.28it/s]
Training Step:   28%|          | 28288/100000 [05:55<19:04, 62.68it/s]
Training Step:   28%|          | 28296/100000 [05:55<18:38, 64.10it/s]
Training Step:   28%|          | 28303/100000 [05:55<18:22, 65.01it/s]
Training Step:   28%|          | 28310/100000 [05:55<18:29, 64.60it/s]
Training Step:   28%|          | 28317/100000 [05:55<18:07, 65.92it/s]
Training Step:   28%|          | 28324/100000 [05:55<18:06, 65.96it/s]
Training Step:   28%|          | 28331/100000 [05:55<18:09,
65.80it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:   28%|          | 28338/100000 [05:56<22:17, 53.59it/s]
Training Step:   28%|          | 28345/100000 [05:56<20:57, 56.97it/s]
Training Step:   28%|          | 28352/100000 [05:56<20:20, 58.72it/s]
Training Step:   28%|          | 28359/100000 [05:56<19:33, 61.05it/s]
Training Step:   28%|          | 28366/100000 [05:56<20:41, 57.68it/s]
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Training Step:  28%|          | 28372/100000 [05:56<20:48, 57.39it/s]
Training Step:  28%|          | 28378/100000 [05:56<21:15, 56.13it/s]
Training Step:  28%|          | 28384/100000 [05:56<21:12, 56.26it/s]
Training Step:  28%|          | 28390/100000 [05:56<21:31, 55.46it/s]
Training Step:  28%|          | 28396/100000 [05:57<21:26, 55.64it/s]
Training Step:  28%|          | 28402/100000 [05:57<21:55, 54.43it/s]
Training Step:  28%|          | 28408/100000 [05:57<21:54, 54.46it/s]
Training Step:  28%|          | 28414/100000 [05:57<22:11, 53.76it/s]
Training Step:  28%|          | 28420/100000 [05:57<22:48, 52.31it/s]
Training Step:  28%|          | 28426/100000 [05:57<22:49, 52.27it/s]
Training Step:  28%|          | 28432/100000 [05:57<22:57, 51.97it/s]
Training Step:  28%|          | 28438/100000 [05:57<22:30, 52.99it/s]
Training Step:  28%|          | 28444/100000 [05:57<22:22, 53.31it/s]
Training Step:  28%|          | 28450/100000 [05:58<22:38, 52.68it/s]
Training Step:  28%|          | 28456/100000 [05:58<22:34, 52.81it/s]
Training Step:  28%|          | 28462/100000 [05:58<22:57, 51.93it/s]
Training Step:  28%|          | 28468/100000 [05:58<22:52, 52.11it/s]
Training Step:  28%|          | 28474/100000 [05:58<23:09, 51.46it/s]
Training Step:  28%|          | 28480/100000 [05:58<22:56, 51.94it/s]
Training Step:  28%|          | 28486/100000 [05:58<23:23, 50.95it/s]
Training Step:  28%|          | 28492/100000 [05:58<24:12, 49.23it/s]
Training Step:  28%|          | 28497/100000 [05:58<24:14, 49.18it/s]
Training Step:  29%|          | 28502/100000 [05:59<24:58, 47.72it/s]
Training Step:  29%|          | 28508/100000 [05:59<24:43, 48.18it/s]
Training Step:  29%|          | 28514/100000 [05:59<24:59, 47.66it/s]
Training Step:  29%|          | 28520/100000 [05:59<25:01, 47.60it/s]
Training Step:  29%|          | 28525/100000 [05:59<24:55, 47.80it/s]
Training Step:  29%|          | 28530/100000 [05:59<25:48, 46.16it/s]
Training Step:  29%|          | 28535/100000 [05:59<26:17, 45.30it/s]
Training Step:  29%|          | 28540/100000 [05:59<26:32, 44.88it/s]
Training Step:  29%|          | 28545/100000 [06:00<26:18, 45.28it/s]
Training Step:  29%|          | 28550/100000 [06:00<27:23, 43.48it/s]
Training Step:  29%|          | 28555/100000 [06:00<27:01, 44.05it/s]
Training Step:  29%|          | 28560/100000 [06:00<27:46, 42.87it/s]
Training Step:  29%|          | 28565/100000 [06:00<27:58, 42.55it/s]
Training Step:  29%|          | 28570/100000 [06:00<28:31, 41.74it/s]
Training Step:  29%|          | 28575/100000 [06:00<27:40, 43.01it/s]
Training Step:  29%|          | 28580/100000 [06:00<28:09, 42.27it/s]
Training Step:  29%|          | 28585/100000 [06:00<27:41, 42.98it/s]
Training Step:  29%|          | 28590/100000 [06:01<27:23, 43.46it/s]
Training Step:  29%|          | 28595/100000 [06:01<26:44, 44.51it/s]
Training Step:  29%|          | 28600/100000 [06:01<26:05, 45.60it/s]
Training Step:  29%|          | 28606/100000 [06:01<25:38, 46.39it/s]
Training Step:  29%|          | 28612/100000 [06:01<25:09, 47.29it/s]
Training Step:  29%|          | 28617/100000 [06:01<24:53, 47.78it/s]
Training Step:  29%|          | 28622/100000 [06:01<25:11, 47.22it/s]
Training Step:  29%|          | 28628/100000 [06:01<24:35, 48.36it/s]
Training Step:  29%|          | 28633/100000 [06:01<24:22, 48.81it/s]
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Training Step:   29%|          | 28638/100000 [06:02<25:15, 47.08it/s]
Training Step:   29%|          | 28643/100000 [06:02<25:09, 47.28it/s]
Training Step:   29%|          | 28648/100000 [06:02<25:56, 45.84it/s]
Training Step:   29%|          | 28653/100000 [06:02<25:23, 46.83it/s]
Training Step:   29%|          | 28658/100000 [06:02<25:39, 46.33it/s]
Training Step:   29%|          | 28663/100000 [06:02<25:10, 47.23it/s]
Training Step:   29%|          | 28668/100000 [06:02<25:09, 47.26it/s]
Training Step:   29%|          | 28674/100000 [06:02<24:36, 48.30it/s]
Training Step:   29%|          | 28680/100000 [06:02<24:16, 48.97it/s]
Training Step:   29%|          | 28686/100000 [06:03<23:55, 49.68it/s]
Training Step:   29%|          | 28692/100000 [06:03<23:39, 50.22it/s]
Training Step:   29%|          | 28698/100000 [06:03<23:21, 50.87it/s]
Training Step:   29%|          | 28704/100000 [06:03<23:01,
51.60it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:   29%|          | 28710/100000 [06:03<25:43, 46.19it/s]
Training Step:   29%|          | 28718/100000 [06:03<22:32, 52.70it/s]
Training Step:   29%|          | 28726/100000 [06:03<20:39, 57.50it/s]
Training Step:   29%|          | 28733/100000 [06:03<19:51, 59.80it/s]
Training Step:   29%|          | 28740/100000 [06:04<19:51, 59.81it/s]
Training Step:   29%|          | 28747/100000 [06:04<19:23, 61.23it/s]
Training Step:   29%|          | 28754/100000 [06:04<19:34, 60.64it/s]
Training Step:   29%|          | 28761/100000 [06:04<19:08, 62.00it/s]
Training Step:   29%|          | 28768/100000 [06:04<19:24, 61.19it/s]
Training Step:   29%|          | 28775/100000 [06:04<19:11, 61.84it/s]
Training Step:   29%|          | 28782/100000 [06:04<19:37, 60.50it/s]
Training Step:   29%|          | 28789/100000 [06:04<19:37, 60.46it/s]
Training Step:   29%|          | 28796/100000 [06:04<20:21, 58.28it/s]
Training Step:   29%|          | 28802/100000 [06:05<20:28, 57.97it/s]
Training Step:   29%|          | 28808/100000 [06:05<20:20, 58.33it/s]
Training Step:   29%|          | 28815/100000 [06:05<19:56,
59.49it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:   29%|          | 28822/100000 [06:05<23:49, 49.79it/s]
Training Step:   29%|          | 28830/100000 [06:05<21:20, 55.59it/s]
Training Step:   29%|          | 28837/100000 [06:05<20:01, 59.20it/s]
Training Step:   29%|          | 28844/100000 [06:05<19:12, 61.73it/s]
Training Step:   29%|          | 28851/100000 [06:05<18:47, 63.12it/s]
Training Step:   29%|          | 28858/100000 [06:06<18:26, 64.32it/s]
Training Step:   29%|          | 28865/100000 [06:06<18:16, 64.89it/s]
Training Step:   29%|          | 28872/100000 [06:06<18:19, 64.69it/s]
Training Step:   29%|          | 28879/100000 [06:06<18:00, 65.85it/s]
Training Step:   29%|          | 28886/100000 [06:06<18:40, 63.45it/s]
Training Step:   29%|          | 28893/100000 [06:06<18:42, 63.36it/s]
Training Step:   29%|          | 28900/100000 [06:06<18:57, 62.50it/s]
Training Step:   29%|          | 28907/100000 [06:06<18:53,
```

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62.72it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:   29%|         | 28914/100000 [06:06<21:39, 54.72it/s]
Training Step:   29%|         | 28922/100000 [06:07<19:50, 59.72it/s]
Training Step:   29%|         | 28929/100000 [06:07<19:29, 60.80it/s]
Training Step:   29%|         | 28936/100000 [06:07<19:27, 60.88it/s]
Training Step:   29%|         | 28943/100000 [06:07<18:43, 63.22it/s]
Training Step:   29%|         | 28950/100000 [06:07<18:47, 63.01it/s]
Training Step:   29%|         | 28957/100000 [06:07<18:47, 63.02it/s]
Training Step:   29%|         | 28964/100000 [06:07<18:46, 63.04it/s]
Training Step:   29%|         | 28971/100000 [06:07<18:52, 62.71it/s]
Training Step:   29%|         | 28978/100000 [06:07<19:48, 59.76it/s]
Training Step:   29%|         | 28985/100000 [06:08<20:06, 58.88it/s]
Training Step:   29%|         | 28991/100000 [06:08<20:02,
59.05it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:   29%|         | 28997/100000 [06:08<23:09, 51.11it/s]
Training Step:   29%|         | 29004/100000 [06:08<21:38, 54.67it/s]
Training Step:   29%|         | 29012/100000 [06:08<19:53, 59.48it/s]
Training Step:   29%|         | 29020/100000 [06:08<18:59, 62.29it/s]
Training Step:   29%|         | 29027/100000 [06:08<18:23, 64.34it/s]
Training Step:   29%|         | 29034/100000 [06:08<18:14, 64.83it/s]
Training Step:   29%|         | 29041/100000 [06:08<18:08, 65.18it/s]
Training Step:   29%|         | 29048/100000 [06:09<17:46, 66.54it/s]
Training Step:   29%|         | 29055/100000 [06:09<17:33, 67.34it/s]
Training Step:   29%|         | 29062/100000 [06:09<18:00, 65.66it/s]
Training Step:   29%|         | 29069/100000 [06:09<17:55, 65.92it/s]
Training Step:   29%|         | 29076/100000 [06:09<18:15, 64.76it/s]
Training Step:   29%|         | 29083/100000 [06:09<17:57, 65.79it/s]
Training Step:   29%|         | 29090/100000 [06:09<18:11, 64.95it/s]
Training Step:   29%|         | 29097/100000 [06:09<18:25, 64.14it/s]
Training Step:   29%|         | 29104/100000 [06:09<19:18, 61.22it/s]
Training Step:   29%|         | 29111/100000 [06:10<19:04, 61.93it/s]
Training Step:   29%|         | 29118/100000 [06:10<20:28, 57.70it/s]
Training Step:   29%|         | 29124/100000 [06:10<21:38,
54.59it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:   29%|         | 29130/100000 [06:10<24:47, 47.66it/s]
Training Step:   29%|         | 29138/100000 [06:10<21:37, 54.61it/s]
Training Step:   29%|         | 29146/100000 [06:10<19:31, 60.46it/s]
Training Step:   29%|         | 29154/100000 [06:10<18:19, 64.41it/s]
Training Step:   29%|         | 29161/100000 [06:10<18:26, 64.02it/s]
Training Step:   29%|         | 29168/100000 [06:11<18:51, 62.58it/s]
Training Step:   29%|         | 29175/100000 [06:11<18:22, 64.24it/s]
Training Step:   29%|         | 29182/100000 [06:11<18:31, 63.72it/s]
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Training Step:  29%|         | 29189/100000 [06:11<18:19, 64.42it/s]
Training Step:  29%|         | 29196/100000 [06:11<18:46, 62.84it/s]
Training Step:  29%|         | 29203/100000 [06:11<19:16, 61.20it/s]
Training Step:  29%|         | 29210/100000 [06:11<19:49,
59.53it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  29%|         | 29216/100000 [06:11<22:11, 53.15it/s]
Training Step:  29%|         | 29224/100000 [06:12<19:55, 59.19it/s]
Training Step:  29%|         | 29232/100000 [06:12<18:25, 63.99it/s]
Training Step:  29%|         | 29240/100000 [06:12<17:40, 66.71it/s]
Training Step:  29%|         | 29248/100000 [06:12<17:04, 69.03it/s]
Training Step:  29%|         | 29256/100000 [06:12<16:51, 69.94it/s]
Training Step:  29%|         | 29264/100000 [06:12<16:42, 70.58it/s]
Training Step:  29%|         | 29272/100000 [06:12<16:45, 70.37it/s]
Training Step:  29%|         | 29280/100000 [06:12<16:59, 69.39it/s]
Training Step:  29%|         | 29288/100000 [06:12<16:50,
69.99it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:  29%|         | 29296/100000 [06:13<19:10, 61.45it/s]
Training Step:  29%|         | 29304/100000 [06:13<18:00, 65.41it/s]
Training Step:  29%|         | 29312/100000 [06:13<17:20, 67.97it/s]
Training Step:  29%|         | 29320/100000 [06:13<17:04, 68.97it/s]
Training Step:  29%|         | 29328/100000 [06:13<17:02, 69.15it/s]
Training Step:  29%|         | 29336/100000 [06:13<17:12, 68.46it/s]
Training Step:  29%|         | 29343/100000 [06:13<17:07, 68.78it/s]
Training Step:  29%|         | 29350/100000 [06:13<17:31,
67.16it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  29%|         | 29357/100000 [06:13<20:31, 57.34it/s]
Training Step:  29%|         | 29365/100000 [06:14<19:00, 61.94it/s]
Training Step:  29%|         | 29372/100000 [06:14<18:45, 62.73it/s]
Training Step:  29%|         | 29380/100000 [06:14<17:52, 65.87it/s]
Training Step:  29%|         | 29387/100000 [06:14<17:36, 66.82it/s]
Training Step:  29%|         | 29394/100000 [06:14<18:05, 65.06it/s]
Training Step:  29%|         | 29401/100000 [06:14<17:45, 66.27it/s]
Training Step:  29%|         | 29408/100000 [06:14<17:47,
66.13it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  29%|         | 29415/100000 [06:14<20:58, 56.09it/s]
Training Step:  29%|         | 29423/100000 [06:15<19:21, 60.77it/s]
Training Step:  29%|         | 29431/100000 [06:15<18:04, 65.06it/s]
Training Step:  29%|         | 29438/100000 [06:15<18:16, 64.33it/s]
Training Step:  29%|         | 29445/100000 [06:15<19:08, 61.42it/s]
Training Step:  29%|         | 29452/100000 [06:15<19:36, 59.98it/s]
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Training Step:  29%|            | 29459/100000 [06:15<20:01, 58.73it/s]
Training Step:  29%|            | 29465/100000 [06:15<20:29, 57.38it/s]
Training Step:  29%|            | 29471/100000 [06:15<20:35, 57.07it/s]
Training Step:  29%|            | 29477/100000 [06:15<20:41, 56.79it/s]
Training Step:  29%|            | 29483/100000 [06:16<20:49, 56.45it/s]
Training Step:  29%|            | 29489/100000 [06:16<20:53, 56.26it/s]
Training Step:  29%|            | 29495/100000 [06:16<21:04, 55.74it/s]
Training Step:  30%|            | 29501/100000 [06:16<21:33, 54.49it/s]
Training Step:  30%|            | 29507/100000 [06:16<21:43, 54.07it/s]
Training Step:  30%|            | 29513/100000 [06:16<21:47, 53.92it/s]
Training Step:  30%|            | 29519/100000 [06:16<21:49, 53.82it/s]
Training Step:  30%|            | 29525/100000 [06:16<21:37,
54.32it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  30%|            | 29531/100000 [06:17<25:48, 45.50it/s]
Training Step:  30%|            | 29538/100000 [06:17<22:58, 51.13it/s]
Training Step:  30%|            | 29546/100000 [06:17<20:58, 55.98it/s]
Training Step:  30%|            | 29553/100000 [06:17<20:06, 58.41it/s]
Training Step:  30%|            | 29560/100000 [06:17<20:39, 56.82it/s]
Training Step:  30%|            | 29566/100000 [06:17<20:43, 56.64it/s]
Training Step:  30%|            | 29572/100000 [06:17<20:50, 56.33it/s]
Training Step:  30%|            | 29578/100000 [06:17<21:01, 55.85it/s]
Training Step:  30%|            | 29584/100000 [06:17<20:59, 55.90it/s]
Training Step:  30%|            | 29590/100000 [06:18<21:25, 54.75it/s]
Training Step:  30%|            | 29596/100000 [06:18<21:27, 54.69it/s]
Training Step:  30%|            | 29602/100000 [06:18<21:34, 54.36it/s]
Training Step:  30%|            | 29608/100000 [06:18<21:55, 53.49it/s]
Training Step:  30%|            | 29614/100000 [06:18<21:50, 53.72it/s]
Training Step:  30%|            | 29620/100000 [06:18<21:51, 53.68it/s]
Training Step:  30%|            | 29626/100000 [06:18<21:51, 53.64it/s]
Training Step:  30%|            | 29632/100000 [06:18<21:38, 54.20it/s]
Training Step:  30%|            | 29638/100000 [06:18<21:32, 54.45it/s]
Training Step:  30%|            | 29644/100000 [06:19<21:17, 55.08it/s]
Training Step:  30%|            | 29650/100000 [06:19<21:14, 55.22it/s]
Training Step:  30%|            | 29656/100000 [06:19<20:53, 56.10it/s]
Training Step:  30%|            | 29662/100000 [06:19<20:40, 56.71it/s]
Training Step:  30%|            | 29668/100000 [06:19<20:38, 56.80it/s]
Training Step:  30%|            | 29674/100000 [06:19<21:03, 55.68it/s]
Training Step:  30%|            | 29680/100000 [06:19<21:10,
55.33it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  30%|            | 29686/100000 [06:19<24:53, 47.08it/s]
Training Step:  30%|            | 29695/100000 [06:19<20:44, 56.51it/s]
Training Step:  30%|            | 29704/100000 [06:20<18:32, 63.18it/s]
Training Step:  30%|            | 29712/100000 [06:20<17:32, 66.77it/s]
Training Step:  30%|            | 29720/100000 [06:20<17:23, 67.33it/s]
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Training Step:   30%|          | 29728/100000 [06:20<17:13, 68.00it/s]
Training Step:   30%|          | 29735/100000 [06:20<17:08, 68.32it/s]
Training Step:   30%|          | 29742/100000 [06:20<17:10, 68.19it/s]
Training Step:   30%|          | 29749/100000 [06:20<17:05, 68.51it/s]
Training Step:   30%|          | 29756/100000 [06:20<17:22, 67.39it/s]
Training Step:   30%|          | 29764/100000 [06:20<17:11, 68.08it/s]
Training Step:   30%|          | 29771/100000 [06:21<17:09, 68.23it/s]
Training Step:   30%|          | 29778/100000 [06:21<17:30, 66.83it/s]
Training Step:   30%|          | 29785/100000 [06:21<17:31,
66.78it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:   30%|          | 29792/100000 [06:21<20:23, 57.37it/s]
Training Step:   30%|          | 29800/100000 [06:21<18:48, 62.23it/s]
Training Step:   30%|          | 29808/100000 [06:21<17:50, 65.56it/s]
Training Step:   30%|          | 29816/100000 [06:21<17:20, 67.46it/s]
Training Step:   30%|          | 29824/100000 [06:21<17:10, 68.09it/s]
Training Step:   30%|          | 29832/100000 [06:21<16:50, 69.45it/s]
Training Step:   30%|          | 29840/100000 [06:22<16:33, 70.60it/s]
Training Step:   30%|          | 29848/100000 [06:22<16:43, 69.91it/s]
Training Step:   30%|          | 29856/100000 [06:22<16:34, 70.55it/s]
Training Step:   30%|          | 29864/100000 [06:22<16:59,
68.79it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:   30%|          | 29871/100000 [06:22<19:44, 59.20it/s]
Training Step:   30%|          | 29878/100000 [06:22<19:03, 61.31it/s]
Training Step:   30%|          | 29886/100000 [06:22<18:18, 63.85it/s]
Training Step:   30%|          | 29893/100000 [06:22<17:50, 65.47it/s]
Training Step:   30%|          | 29900/100000 [06:22<17:53, 65.28it/s]
Training Step:   30%|          | 29908/100000 [06:23<17:32, 66.59it/s]
Training Step:   30%|          | 29916/100000 [06:23<16:59, 68.77it/s]
Training Step:   30%|          | 29924/100000 [06:23<16:44, 69.76it/s]
Training Step:   30%|          | 29932/100000 [06:23<16:56, 68.96it/s]
Training Step:   30%|          | 29939/100000 [06:23<17:02, 68.50it/s]
Training Step:   30%|          | 29946/100000 [06:23<17:22, 67.23it/s]
Training Step:   30%|          | 29953/100000 [06:23<17:36, 66.33it/s]
Training Step:   30%|          | 29960/100000 [06:23<18:29,
63.11it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   30%|          | 29967/100000 [06:24<21:50, 53.46it/s]
Training Step:   30%|          | 29975/100000 [06:24<19:57, 58.49it/s]
Training Step:   30%|          | 29982/100000 [06:24<19:11, 60.78it/s]
Training Step:   30%|          | 29989/100000 [06:24<18:36, 62.72it/s]
Training Step:   30%|          | 29996/100000 [06:24<19:24, 60.12it/s]
Training Step:   30%|          | 30003/100000 [06:24<21:06, 55.26it/s]
Training Step:   30%|          | 30009/100000 [06:24<21:20, 54.67it/s]
```

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Training Step:  30%|          | 30015/100000 [06:24<21:30, 54.23it/s]
Training Step:  30%|          | 30021/100000 [06:24<21:10, 55.08it/s]
Training Step:  30%|          | 30027/100000 [06:25<21:22, 54.56it/s]
Training Step:  30%|          | 30033/100000 [06:25<21:29, 54.27it/s]
Training Step:  30%|          | 30039/100000 [06:25<22:04,
52.80it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  30%|          | 30045/100000 [06:25<25:29, 45.74it/s]
Training Step:  30%|          | 30053/100000 [06:25<21:45, 53.56it/s]
Training Step:  30%|          | 30060/100000 [06:25<20:41, 56.33it/s]
Training Step:  30%|          | 30066/100000 [06:25<21:05, 55.26it/s]
Training Step:  30%|          | 30072/100000 [06:25<20:53, 55.78it/s]
Training Step:  30%|          | 30078/100000 [06:26<20:38, 56.47it/s]
Training Step:  30%|          | 30084/100000 [06:26<20:30, 56.82it/s]
Training Step:  30%|          | 30091/100000 [06:26<19:50, 58.72it/s]
Training Step:  30%|          | 30098/100000 [06:26<19:43, 59.07it/s]
Training Step:  30%|          | 30105/100000 [06:26<19:16, 60.42it/s]
Training Step:  30%|          | 30112/100000 [06:26<19:17,
60.40it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  30%|          | 30119/100000 [06:26<22:48, 51.08it/s]
Training Step:  30%|          | 30127/100000 [06:26<20:35, 56.57it/s]
Training Step:  30%|          | 30135/100000 [06:27<19:09, 60.79it/s]
Training Step:  30%|          | 30142/100000 [06:27<19:33, 59.54it/s]
Training Step:  30%|          | 30149/100000 [06:27<19:14, 60.51it/s]
Training Step:  30%|          | 30156/100000 [06:27<19:18, 60.31it/s]
Training Step:  30%|          | 30163/100000 [06:27<19:03, 61.10it/s]
Training Step:  30%|          | 30170/100000 [06:27<19:13, 60.56it/s]
Training Step:  30%|          | 30177/100000 [06:27<18:56, 61.44it/s]
Training Step:  30%|          | 30184/100000 [06:27<19:41, 59.11it/s]
Training Step:  30%|          | 30190/100000 [06:27<19:39, 59.19it/s]
Training Step:  30%|          | 30196/100000 [06:28<19:44, 58.93it/s]
Training Step:  30%|          | 30202/100000 [06:28<20:01, 58.09it/s]
Training Step:  30%|          | 30209/100000 [06:28<19:37, 59.27it/s]
Training Step:  30%|          | 30215/100000 [06:28<19:39, 59.15it/s]
Training Step:  30%|          | 30222/100000 [06:28<19:35, 59.36it/s]
Training Step:  30%|          | 30228/100000 [06:28<19:35,
59.37it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  30%|          | 30234/100000 [06:28<23:48, 48.85it/s]
Training Step:  30%|          | 30242/100000 [06:28<20:59, 55.39it/s]
Training Step:  30%|          | 30250/100000 [06:28<19:53, 58.43it/s]
Training Step:  30%|          | 30257/100000 [06:29<20:08, 57.70it/s]
Training Step:  30%|          | 30263/100000 [06:29<20:42, 56.12it/s]
Training Step:  30%|          | 30269/100000 [06:29<20:51, 55.72it/s]
```

```
Training Step:  30%|          | 30275/100000 [06:29<21:25, 54.23it/s]
Training Step:  30%|          | 30281/100000 [06:29<22:10, 52.41it/s]
Training Step:  30%|          | 30287/100000 [06:29<22:16, 52.14it/s]
Training Step:  30%|          | 30293/100000 [06:29<21:59, 52.83it/s]
Training Step:  30%|          | 30299/100000 [06:29<21:36,
53.75it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  30%|          | 30305/100000 [06:30<23:55, 48.54it/s]
Training Step:  30%|          | 30313/100000 [06:30<20:38, 56.29it/s]
Training Step:  30%|          | 30321/100000 [06:30<19:05, 60.82it/s]
Training Step:  30%|          | 30328/100000 [06:30<18:26, 62.96it/s]
Training Step:  30%|          | 30335/100000 [06:30<17:56, 64.73it/s]
Training Step:  30%|          | 30342/100000 [06:30<17:49, 65.12it/s]
Training Step:  30%|          | 30350/100000 [06:30<17:24, 66.69it/s]
Training Step:  30%|          | 30357/100000 [06:30<17:21, 66.87it/s]
Training Step:  30%|          | 30364/100000 [06:30<17:19, 67.00it/s]
Training Step:  30%|          | 30371/100000 [06:31<17:17, 67.09it/s]
Training Step:  30%|          | 30378/100000 [06:31<17:43, 65.48it/s]
Training Step:  30%|          | 30386/100000 [06:31<17:28, 66.40it/s]
Training Step:  30%|          | 30393/100000 [06:31<18:13, 63.67it/s]
Training Step:  30%|          | 30400/100000 [06:31<19:10, 60.50it/s]
Training Step:  30%|          | 30407/100000 [06:31<19:48,
58.58it/s][INFO] Episode ended! Scenario Index: 1010 Reason: crash
vehicle

Training Step:  30%|          | 30413/100000 [06:31<22:37, 51.26it/s]
Training Step:  30%|          | 30421/100000 [06:31<20:14, 57.31it/s]
Training Step:  30%|          | 30429/100000 [06:31<18:39, 62.16it/s]
Training Step:  30%|          | 30436/100000 [06:32<18:14, 63.56it/s]
Training Step:  30%|          | 30443/100000 [06:32<18:22, 63.08it/s]
Training Step:  30%|          | 30450/100000 [06:32<18:51, 61.45it/s]
Training Step:  30%|          | 30457/100000 [06:32<18:46, 61.75it/s]
Training Step:  30%|          | 30464/100000 [06:32<18:50, 61.49it/s]
Training Step:  30%|          | 30471/100000 [06:32<18:48, 61.62it/s]
Training Step:  30%|          | 30478/100000 [06:32<19:07, 60.60it/s]
Training Step:  30%|          | 30485/100000 [06:32<19:02, 60.84it/s]
Training Step:  30%|          | 30492/100000 [06:33<19:34, 59.16it/s]
Training Step:  30%|          | 30498/100000 [06:33<19:33, 59.22it/s]
Training Step:  31%|          | 30504/100000 [06:33<19:29, 59.44it/s]
Training Step:  31%|          | 30510/100000 [06:33<19:29, 59.43it/s]
Training Step:  31%|          | 30516/100000 [06:33<19:42, 58.75it/s]
Training Step:  31%|          | 30522/100000 [06:33<19:38, 58.94it/s]
Training Step:  31%|          | 30529/100000 [06:33<19:13, 60.23it/s]
Training Step:  31%|          | 30536/100000 [06:33<19:32, 59.26it/s]
Training Step:  31%|          | 30543/100000 [06:33<19:10,
60.36it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.
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Training Step:  31%|           | 30550/100000 [06:34<20:51, 55.48it/s]
Training Step:  31%|           | 30558/100000 [06:34<18:45, 61.67it/s]
Training Step:  31%|           | 30566/100000 [06:34<17:36, 65.73it/s]
Training Step:  31%|           | 30573/100000 [06:34<17:23,
66.54it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  31%|           | 30580/100000 [06:34<20:19, 56.94it/s]
Training Step:  31%|           | 30588/100000 [06:34<18:45, 61.69it/s]
Training Step:  31%|           | 30596/100000 [06:34<17:53, 64.62it/s]
Training Step:  31%|           | 30603/100000 [06:34<17:33, 65.88it/s]
Training Step:  31%|           | 30611/100000 [06:34<16:45, 69.01it/s]
Training Step:  31%|           | 30619/100000 [06:35<16:18, 70.90it/s]
Training Step:  31%|           | 30627/100000 [06:35<16:02, 72.04it/s]
Training Step:  31%|           | 30635/100000 [06:35<15:38, 73.88it/s]
Training Step:  31%|           | 30643/100000 [06:35<15:22, 75.21it/s]
Training Step:  31%|           | 30651/100000 [06:35<15:49, 73.00it/s]
Training Step:  31%|           | 30659/100000 [06:35<16:01, 72.12it/s]
Training Step:  31%|           | 30667/100000 [06:35<16:06, 71.71it/s]
Training Step:  31%|           | 30675/100000 [06:35<16:02, 72.02it/s]
Training Step:  31%|           | 30683/100000 [06:35<16:10, 71.45it/s]
Training Step:  31%|           | 30691/100000 [06:36<16:27, 70.18it/s]
Training Step:  31%|           | 30699/100000 [06:36<16:19, 70.78it/s]
Training Step:  31%|           | 30707/100000 [06:36<16:16,
70.98it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  31%|           | 30715/100000 [06:36<17:42, 65.20it/s]
Training Step:  31%|           | 30724/100000 [06:36<16:34, 69.64it/s]
Training Step:  31%|           | 30733/100000 [06:36<15:40, 73.66it/s]
Training Step:  31%|           | 30741/100000 [06:36<15:38, 73.78it/s]
Training Step:  31%|           | 30750/100000 [06:36<15:19, 75.34it/s]
Training Step:  31%|           | 30758/100000 [06:36<15:28, 74.57it/s]
Training Step:  31%|           | 30766/100000 [06:37<15:27, 74.63it/s]
Training Step:  31%|           | 30774/100000 [06:37<15:24, 74.87it/s]
Training Step:  31%|           | 30782/100000 [06:37<15:35, 74.02it/s]
Training Step:  31%|           | 30790/100000 [06:37<15:42, 73.43it/s]
Training Step:  31%|           | 30798/100000 [06:37<15:55,
72.43it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  31%|           | 30806/100000 [06:37<18:18, 62.98it/s]
Training Step:  31%|           | 30814/100000 [06:37<17:19, 66.59it/s]
Training Step:  31%|           | 30822/100000 [06:37<16:55, 68.14it/s]
Training Step:  31%|           | 30829/100000 [06:38<17:46, 64.83it/s]
Training Step:  31%|           | 30836/100000 [06:38<19:18, 59.72it/s]
Training Step:  31%|           | 30843/100000 [06:38<20:00, 57.61it/s]
```

```
Training Step:   31%|            | 30849/100000 [06:38<20:16, 56.84it/s]
Training Step:   31%|            | 30855/100000 [06:38<20:14, 56.92it/s]
Training Step:   31%|            | 30861/100000 [06:38<19:57, 57.75it/s]
Training Step:   31%|            | 30867/100000 [06:38<19:57, 57.73it/s]
Training Step:   31%|            | 30873/100000 [06:38<20:10, 57.08it/s]
Training Step:   31%|            | 30879/100000 [06:38<20:20,
56.63it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:   31%|            | 30885/100000 [06:39<23:06, 49.83it/s]
Training Step:   31%|            | 30892/100000 [06:39<20:55, 55.06it/s]
Training Step:   31%|            | 30900/100000 [06:39<19:05, 60.33it/s]
Training Step:   31%|            | 30908/100000 [06:39<17:54, 64.30it/s]
Training Step:   31%|            | 30916/100000 [06:39<17:25, 66.08it/s]
Training Step:   31%|            | 30924/100000 [06:39<17:00, 67.68it/s]
Training Step:   31%|            | 30932/100000 [06:39<16:38, 69.17it/s]
Training Step:   31%|            | 30940/100000 [06:39<16:33, 69.48it/s]
Training Step:   31%|            | 30947/100000 [06:39<16:45, 68.67it/s]
Training Step:   31%|            | 30954/100000 [06:40<17:10, 66.98it/s]
Training Step:   31%|            | 30961/100000 [06:40<17:34, 65.45it/s]
Training Step:   31%|            | 30968/100000 [06:40<17:52, 64.38it/s]
Training Step:   31%|            | 30975/100000 [06:40<18:15, 63.03it/s]
Training Step:   31%|            | 30982/100000 [06:40<18:18, 62.84it/s]
Training Step:   31%|            | 30989/100000 [06:40<18:08, 63.41it/s]
Training Step:   31%|            | 30996/100000 [06:40<18:18,
62.80it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:   31%|            | 31003/100000 [06:40<21:16, 54.04it/s]
Training Step:   31%|            | 31011/100000 [06:41<19:20, 59.44it/s]
Training Step:   31%|            | 31019/100000 [06:41<18:10, 63.28it/s]
Training Step:   31%|            | 31026/100000 [06:41<17:59, 63.87it/s]
Training Step:   31%|            | 31033/100000 [06:41<17:43, 64.83it/s]
Training Step:   31%|            | 31040/100000 [06:41<17:35, 65.36it/s]
Training Step:   31%|            | 31047/100000 [06:41<17:28, 65.74it/s]
Training Step:   31%|            | 31054/100000 [06:41<17:36, 65.28it/s]
Training Step:   31%|            | 31061/100000 [06:41<17:29, 65.69it/s]
Training Step:   31%|            | 31068/100000 [06:41<17:36, 65.24it/s]
Training Step:   31%|            | 31075/100000 [06:41<17:29, 65.66it/s]
Training Step:   31%|            | 31082/100000 [06:42<17:54, 64.15it/s]
Training Step:   31%|            | 31089/100000 [06:42<17:47, 64.53it/s]
Training Step:   31%|            | 31096/100000 [06:42<18:15, 62.87it/s]
Training Step:   31%|            | 31103/100000 [06:42<18:08,
63.27it/s][INFO] Episode ended! Scenario Index: 1006 Reason: crash
vehicle

Training Step:   31%|            | 31110/100000 [06:42<21:00, 54.65it/s]
Training Step:   31%|            | 31118/100000 [06:42<18:55, 60.67it/s]
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Training Step:   31%|         | 31126/100000 [06:42<17:45, 64.63it/s]
Training Step:   31%|         | 31134/100000 [06:42<17:13, 66.61it/s]
Training Step:   31%|         | 31142/100000 [06:43<17:05, 67.15it/s]
Training Step:   31%|         | 31150/100000 [06:43<16:46, 68.40it/s]
Training Step:   31%|         | 31158/100000 [06:43<16:38, 68.93it/s]
Training Step:   31%|         | 31166/100000 [06:43<16:33, 69.31it/s]
Training Step:   31%|         | 31174/100000 [06:43<16:34, 69.20it/s]
Training Step:   31%|         | 31181/100000 [06:43<16:34, 69.23it/s]
Training Step:   31%|         | 31188/100000 [06:43<16:36, 69.06it/s]
Training Step:   31%|         | 31196/100000 [06:43<16:36, 69.03it/s]
Training Step:   31%|         | 31203/100000 [06:43<17:08, 66.87it/s]
Training Step:   31%|         | 31210/100000 [06:44<17:46, 64.51it/s]
Training Step:   31%|         | 31217/100000 [06:44<18:07, 63.24it/s]
Training Step:   31%|         | 31224/100000 [06:44<18:45,
61.08it/s][INFO] Episode ended! Scenario Index: 1010 Reason: crash
vehicle

Training Step:   31%|         | 31231/100000 [06:44<22:01, 52.04it/s]
Training Step:   31%|         | 31238/100000 [06:44<20:41, 55.40it/s]
Training Step:   31%|         | 31246/100000 [06:44<19:15, 59.49it/s]
Training Step:   31%|         | 31253/100000 [06:44<19:17, 59.39it/s]
Training Step:   31%|         | 31260/100000 [06:44<19:46, 57.93it/s]
Training Step:   31%|         | 31266/100000 [06:45<19:49, 57.78it/s]
Training Step:   31%|         | 31272/100000 [06:45<19:53, 57.60it/s]
Training Step:   31%|         | 31278/100000 [06:45<20:21, 56.26it/s]
Training Step:   31%|         | 31284/100000 [06:45<20:42, 55.32it/s]
Training Step:   31%|         | 31290/100000 [06:45<20:20, 56.29it/s]
Training Step:   31%|         | 31296/100000 [06:45<20:42,
55.32it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:   31%|         | 31302/100000 [06:45<23:53, 47.93it/s]
Training Step:   31%|         | 31310/100000 [06:45<20:47, 55.05it/s]
Training Step:   31%|         | 31318/100000 [06:45<18:50, 60.78it/s]
Training Step:   31%|         | 31326/100000 [06:46<17:43, 64.56it/s]
Training Step:   31%|         | 31334/100000 [06:46<16:46, 68.23it/s]
Training Step:   31%|         | 31342/100000 [06:46<16:35, 69.00it/s]
Training Step:   31%|         | 31350/100000 [06:46<16:19, 70.12it/s]
Training Step:   31%|         | 31358/100000 [06:46<16:08, 70.90it/s]
Training Step:   31%|         | 31366/100000 [06:46<15:52, 72.03it/s]
Training Step:   31%|         | 31374/100000 [06:46<15:47, 72.44it/s]
Training Step:   31%|         | 31382/100000 [06:46<15:46, 72.52it/s]
Training Step:   31%|         | 31390/100000 [06:46<15:45,
72.59it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:   31%|         | 31398/100000 [06:47<18:46, 60.91it/s]
Training Step:   31%|         | 31406/100000 [06:47<17:29, 65.37it/s]
```

```
Training Step:    31%|          | 31415/100000 [06:47<16:23, 69.77it/s]
Training Step:    31%|          | 31423/100000 [06:47<17:08, 66.65it/s]
Training Step:    31%|          | 31430/100000 [06:47<18:09, 62.96it/s]
Training Step:    31%|          | 31437/100000 [06:47<18:32, 61.61it/s]
Training Step:    31%|          | 31444/100000 [06:47<19:04, 59.91it/s]
Training Step:    31%|          | 31451/100000 [06:47<19:10, 59.59it/s]
Training Step:    31%|          | 31458/100000 [06:48<19:43, 57.93it/s]
Training Step:    31%|          | 31464/100000 [06:48<19:56, 57.29it/s]
Training Step:    31%|          | 31470/100000 [06:48<19:44, 57.85it/s]
Training Step:    31%|          | 31476/100000 [06:48<20:01, 57.04it/s]
Training Step:    31%|          | 31482/100000 [06:48<20:03,
56.91it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:    31%|          | 31488/100000 [06:48<24:01, 47.54it/s]
Training Step:    31%|          | 31496/100000 [06:48<20:47, 54.89it/s]
Training Step:    32%|          | 31504/100000 [06:48<18:58, 60.14it/s]
Training Step:    32%|          | 31512/100000 [06:48<17:46, 64.23it/s]
Training Step:    32%|          | 31520/100000 [06:49<17:06, 66.69it/s]
Training Step:    32%|          | 31528/100000 [06:49<16:59, 67.16it/s]
Training Step:    32%|          | 31536/100000 [06:49<16:45, 68.07it/s]
Training Step:    32%|          | 31544/100000 [06:49<16:22, 69.70it/s]
Training Step:    32%|          | 31552/100000 [06:49<16:43, 68.21it/s]
Training Step:    32%|          | 31560/100000 [06:49<16:37,
68.62it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:    32%|          | 31568/100000 [06:49<19:08, 59.60it/s]
Training Step:    32%|          | 31576/100000 [06:49<18:02, 63.18it/s]
Training Step:    32%|          | 31584/100000 [06:50<17:14, 66.11it/s]
Training Step:    32%|          | 31592/100000 [06:50<16:56, 67.28it/s]
Training Step:    32%|          | 31599/100000 [06:50<17:09, 66.42it/s]
Training Step:    32%|          | 31606/100000 [06:50<17:27, 65.27it/s]
Training Step:    32%|          | 31613/100000 [06:50<17:27, 65.31it/s]
Training Step:    32%|          | 31620/100000 [06:50<17:54, 63.62it/s]
Training Step:    32%|          | 31627/100000 [06:50<18:03, 63.12it/s]
Training Step:    32%|          | 31634/100000 [06:50<18:23, 61.95it/s]
Training Step:    32%|          | 31641/100000 [06:50<18:03, 63.11it/s]
Training Step:    32%|          | 31648/100000 [06:51<18:14, 62.42it/s]
Training Step:    32%|          | 31655/100000 [06:51<18:14, 62.45it/s]
Training Step:    32%|          | 31662/100000 [06:51<18:25, 61.80it/s]
Training Step:    32%|          | 31669/100000 [06:51<18:09, 62.72it/s]
Training Step:    32%|          | 31676/100000 [06:51<18:32, 61.39it/s]
Training Step:    32%|          | 31683/100000 [06:51<18:28, 61.63it/s]
Training Step:    32%|          | 31690/100000 [06:51<18:44, 60.76it/s]
Training Step:    32%|          | 31697/100000 [06:51<18:49, 60.48it/s]
Training Step:    32%|          | 31704/100000 [06:52<19:22, 58.76it/s]
Training Step:    32%|          | 31710/100000 [06:52<19:43, 57.72it/s]
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Training Step:   32%|          | 31716/100000 [06:52<20:05, 56.65it/s]
Training Step:   32%|          | 31722/100000 [06:52<20:02, 56.79it/s]
Training Step:   32%|          | 31728/100000 [06:52<20:32, 55.38it/s]
Training Step:   32%|          | 31734/100000 [06:52<20:21, 55.88it/s]
Training Step:   32%|          | 31740/100000 [06:52<20:20, 55.94it/s]
Training Step:   32%|          | 31746/100000 [06:52<20:29, 55.51it/s]
Training Step:   32%|          | 31752/100000 [06:52<20:52, 54.48it/s]
Training Step:   32%|          | 31758/100000 [06:53<21:12, 53.63it/s]
Training Step:   32%|          | 31764/100000 [06:53<21:29, 52.91it/s]
Training Step:   32%|          | 31770/100000 [06:53<21:48, 52.14it/s]
Training Step:   32%|          | 31776/100000 [06:53<22:08, 51.35it/s]
Training Step:   32%|          | 31782/100000 [06:53<22:19, 50.94it/s]
Training Step:   32%|          | 31788/100000 [06:53<22:47, 49.89it/s]
Training Step:   32%|          | 31793/100000 [06:53<22:50, 49.79it/s]
Training Step:   32%|          | 31798/100000 [06:53<22:48, 49.82it/s]
Training Step:   32%|          | 31804/100000 [06:53<22:36, 50.28it/s]
Training Step:   32%|          | 31810/100000 [06:54<22:27, 50.59it/s]
Training Step:   32%|          | 31816/100000 [06:54<22:15, 51.07it/s]
Training Step:   32%|          | 31822/100000 [06:54<21:59, 51.67it/s]
Training Step:   32%|          | 31828/100000 [06:54<21:41, 52.37it/s]
Training Step:   32%|          | 31834/100000 [06:54<21:18, 53.30it/s]
Training Step:   32%|          | 31840/100000 [06:54<20:49, 54.55it/s]
Training Step:   32%|          | 31846/100000 [06:54<20:49, 54.55it/s]
Training Step:   32%|          | 31852/100000 [06:54<20:56, 54.25it/s]
Training Step:   32%|          | 31858/100000 [06:54<21:24, 53.04it/s]
Training Step:   32%|          | 31864/100000 [06:55<21:10, 53.63it/s]
Training Step:   32%|          | 31870/100000 [06:55<21:10, 53.61it/s]
Training Step:   32%|          | 31876/100000 [06:55<21:24, 53.03it/s]
Training Step:   32%|          | 31882/100000 [06:55<21:47, 52.08it/s]
Training Step:   32%|          | 31888/100000 [06:55<21:50, 51.97it/s]
Training Step:   32%|          | 31894/100000 [06:55<21:42, 52.31it/s]
Training Step:   32%|          | 31900/100000 [06:55<21:00, 54.03it/s]
Training Step:   32%|          | 31906/100000 [06:55<20:56, 54.18it/s]
Training Step:   32%|          | 31912/100000 [06:55<20:56, 54.19it/s]
Training Step:   32%|          | 31918/100000 [06:56<20:59, 54.07it/s]
Training Step:   32%|          | 31924/100000 [06:56<20:45, 54.65it/s]
Training Step:   32%|          | 31930/100000 [06:56<20:25,
55.53it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:   32%|          | 31936/100000 [06:56<24:10, 46.94it/s]
Training Step:   32%|          | 31944/100000 [06:56<21:02, 53.88it/s]
Training Step:   32%|          | 31952/100000 [06:56<19:10, 59.12it/s]
Training Step:   32%|          | 31959/100000 [06:56<18:23, 61.68it/s]
Training Step:   32%|          | 31966/100000 [06:56<19:08, 59.25it/s]
Training Step:   32%|          | 31973/100000 [06:57<19:04, 59.42it/s]
Training Step:   32%|          | 31980/100000 [06:57<19:19, 58.65it/s]
Training Step:   32%|          | 31986/100000 [06:57<19:33, 57.93it/s]
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Training Step:  32%|          | 31992/100000 [06:57<19:28, 58.18it/s]
Training Step:  32%|          | 31998/100000 [06:57<19:38, 57.72it/s]
Training Step:  32%|          | 32004/100000 [06:57<20:46,
54.54it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  32%|          | 32010/100000 [06:57<23:41, 47.82it/s]
Training Step:  32%|          | 32019/100000 [06:57<19:48, 57.20it/s]
Training Step:  32%|          | 32027/100000 [06:57<18:08, 62.45it/s]
Training Step:  32%|          | 32035/100000 [06:58<17:09, 65.99it/s]
Training Step:  32%|          | 32043/100000 [06:58<16:31, 68.56it/s]
Training Step:  32%|          | 32051/100000 [06:58<16:07, 70.25it/s]
Training Step:  32%|          | 32059/100000 [06:58<15:49, 71.57it/s]
Training Step:  32%|          | 32067/100000 [06:58<15:34, 72.72it/s]
Training Step:  32%|          | 32075/100000 [06:58<15:52, 71.34it/s]
Training Step:  32%|          | 32083/100000 [06:58<16:22, 69.13it/s]
Training Step:  32%|          | 32090/100000 [06:58<16:34,
68.26it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  32%|          | 32097/100000 [06:58<19:19, 58.55it/s]
Training Step:  32%|          | 32105/100000 [06:59<17:52, 63.31it/s]
Training Step:  32%|          | 32113/100000 [06:59<16:45, 67.51it/s]
Training Step:  32%|          | 32120/100000 [06:59<16:40, 67.82it/s]
Training Step:  32%|          | 32127/100000 [06:59<16:54, 66.93it/s]
Training Step:  32%|          | 32135/100000 [06:59<16:28, 68.67it/s]
Training Step:  32%|          | 32142/100000 [06:59<16:28, 68.66it/s]
Training Step:  32%|          | 32150/100000 [06:59<16:24, 68.94it/s]
Training Step:  32%|          | 32158/100000 [06:59<16:05, 70.27it/s]
Training Step:  32%|          | 32166/100000 [06:59<16:37, 68.03it/s]
Training Step:  32%|          | 32173/100000 [07:00<16:48, 67.29it/s]
Training Step:  32%|          | 32180/100000 [07:00<17:23, 64.98it/s]
Training Step:  32%|          | 32187/100000 [07:00<17:54, 63.09it/s]
Training Step:  32%|          | 32194/100000 [07:00<18:29,
61.12it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  32%|          | 32201/100000 [07:00<20:46, 54.41it/s]
Training Step:  32%|          | 32208/100000 [07:00<19:29, 57.96it/s]
Training Step:  32%|          | 32216/100000 [07:00<18:06, 62.38it/s]
Training Step:  32%|          | 32224/100000 [07:00<16:58, 66.54it/s]
Training Step:  32%|          | 32232/100000 [07:01<16:52, 66.93it/s]
Training Step:  32%|          | 32240/100000 [07:01<16:27, 68.62it/s]
Training Step:  32%|          | 32248/100000 [07:01<16:20, 69.09it/s]
Training Step:  32%|          | 32256/100000 [07:01<16:08, 69.97it/s]
Training Step:  32%|          | 32264/100000 [07:01<15:49, 71.35it/s]
Training Step:  32%|          | 32272/100000 [07:01<15:43, 71.76it/s]
Training Step:  32%|          | 32280/100000 [07:01<15:47, 71.47it/s]
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Training Step:  32%|          | 32288/100000 [07:01<15:50, 71.26it/s]
Training Step:  32%|          | 32296/100000 [07:01<16:14, 69.45it/s]
Training Step:  32%|          | 32304/100000 [07:02<16:16,
69.30it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  32%|          | 32311/100000 [07:02<18:33, 60.76it/s]
Training Step:  32%|          | 32319/100000 [07:02<17:19, 65.14it/s]
Training Step:  32%|          | 32327/100000 [07:02<16:40, 67.63it/s]
Training Step:  32%|          | 32334/100000 [07:02<17:37, 64.02it/s]
Training Step:  32%|          | 32341/100000 [07:02<18:19, 61.56it/s]
Training Step:  32%|          | 32348/100000 [07:02<18:39, 60.44it/s]
Training Step:  32%|          | 32355/100000 [07:02<18:36, 60.57it/s]
Training Step:  32%|          | 32362/100000 [07:03<18:49, 59.89it/s]
Training Step:  32%|          | 32369/100000 [07:03<19:09, 58.83it/s]
Training Step:  32%|          | 32375/100000 [07:03<20:03, 56.19it/s]
Training Step:  32%|          | 32381/100000 [07:03<20:10,
55.87it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  32%|          | 32387/100000 [07:03<22:57, 49.08it/s]
Training Step:  32%|          | 32395/100000 [07:03<19:57, 56.47it/s]
Training Step:  32%|          | 32404/100000 [07:03<17:54, 62.91it/s]
Training Step:  32%|          | 32412/100000 [07:03<17:03, 66.04it/s]
Training Step:  32%|          | 32420/100000 [07:03<16:26, 68.51it/s]
Training Step:  32%|          | 32428/100000 [07:04<15:58, 70.51it/s]
Training Step:  32%|          | 32436/100000 [07:04<15:39, 71.95it/s]
Training Step:  32%|          | 32444/100000 [07:04<15:35, 72.18it/s]
Training Step:  32%|          | 32452/100000 [07:04<15:43, 71.56it/s]
Training Step:  32%|          | 32460/100000 [07:04<15:57, 70.57it/s]
Training Step:  32%|          | 32468/100000 [07:04<16:26, 68.46it/s]
Training Step:  32%|          | 32475/100000 [07:04<16:45, 67.17it/s]
Training Step:  32%|          | 32482/100000 [07:04<17:08, 65.66it/s]
Training Step:  32%|          | 32489/100000 [07:04<17:13, 65.32it/s]
Training Step:  32%|          | 32496/100000 [07:05<17:32, 64.13it/s]
Training Step:  33%|          | 32503/100000 [07:05<17:26,
64.50it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  33%|          | 32510/100000 [07:05<21:55, 51.32it/s]
Training Step:  33%|          | 32518/100000 [07:05<19:43, 57.01it/s]
Training Step:  33%|          | 32526/100000 [07:05<18:38, 60.33it/s]
Training Step:  33%|          | 32533/100000 [07:05<18:38, 60.33it/s]
Training Step:  33%|          | 32540/100000 [07:05<18:51, 59.60it/s]
Training Step:  33%|          | 32547/100000 [07:05<18:33, 60.57it/s]
Training Step:  33%|          | 32554/100000 [07:06<18:48, 59.74it/s]
Training Step:  33%|          | 32561/100000 [07:06<18:51, 59.62it/s]
Training Step:  33%|          | 32568/100000 [07:06<19:15,
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58.35it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step: 33%| | 32574/100000 [07:06<23:00, 48.83it/s]
Training Step: 33%| | 32582/100000 [07:06<20:19, 55.29it/s]
Training Step: 33%| | 32590/100000 [07:06<18:46, 59.82it/s]
Training Step: 33%| | 32597/100000 [07:06<18:27, 60.87it/s]
Training Step: 33%| | 32604/100000 [07:06<19:02, 59.00it/s]
Training Step: 33%| | 32611/100000 [07:07<19:08, 58.69it/s]
Training Step: 33%| | 32618/100000 [07:07<19:11, 58.49it/s]
Training Step: 33%| | 32624/100000 [07:07<19:25, 57.83it/s]
Training Step: 33%| | 32630/100000 [07:07<19:38, 57.19it/s]
Training Step: 33%| | 32636/100000 [07:07<19:28, 57.64it/s]
Training Step: 33%| | 32642/100000 [07:07<19:50, 56.56it/s]
Training Step: 33%| | 32648/100000 [07:07<19:53,
56.42it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step: 33%| | 32654/100000 [07:07<23:46, 47.20it/s]
Training Step: 33%| | 32662/100000 [07:08<20:58, 53.49it/s]
Training Step: 33%| | 32670/100000 [07:08<19:00, 59.05it/s]
Training Step: 33%| | 32677/100000 [07:08<19:01, 58.98it/s]
Training Step: 33%| | 32684/100000 [07:08<19:45, 56.80it/s]
Training Step: 33%| | 32690/100000 [07:08<19:55, 56.32it/s]
Training Step: 33%| | 32696/100000 [07:08<19:53, 56.40it/s]
Training Step: 33%| | 32702/100000 [07:08<20:04, 55.86it/s]
Training Step: 33%| | 32708/100000 [07:08<20:09, 55.62it/s]
Training Step: 33%| | 32714/100000 [07:08<20:03, 55.90it/s]
Training Step: 33%| | 32720/100000 [07:09<20:32,
54.61it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step: 33%| | 32726/100000 [07:09<23:36, 47.50it/s]
Training Step: 33%| | 32734/100000 [07:09<20:15, 55.35it/s]
Training Step: 33%| | 32743/100000 [07:09<17:39, 63.45it/s]
Training Step: 33%| | 32751/100000 [07:09<16:35, 67.55it/s]
Training Step: 33%| | 32759/100000 [07:09<15:54, 70.42it/s]
Training Step: 33%| | 32767/100000 [07:09<15:22, 72.91it/s]
Training Step: 33%| | 32775/100000 [07:09<15:22, 72.86it/s]
Training Step: 33%| | 32783/100000 [07:09<15:10, 73.84it/s]
Training Step: 33%| | 32791/100000 [07:10<14:54, 75.17it/s]
Training Step: 33%| | 32799/100000 [07:10<14:42, 76.13it/s]
Training Step: 33%| | 32807/100000 [07:10<14:44,
75.93it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step: 33%| | 32815/100000 [07:10<17:10, 65.19it/s]
Training Step: 33%| | 32823/100000 [07:10<16:18, 68.68it/s]

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Training Step:  33%|          | 32831/100000 [07:10<15:36, 71.73it/s]
Training Step:  33%|          | 32839/100000 [07:10<15:22, 72.81it/s]
Training Step:  33%|          | 32847/100000 [07:10<15:25, 72.59it/s]
Training Step:  33%|          | 32855/100000 [07:10<15:09, 73.84it/s]
Training Step:  33%|          | 32863/100000 [07:11<14:58, 74.74it/s]
Training Step:  33%|          | 32871/100000 [07:11<14:50, 75.38it/s]
Training Step:  33%|          | 32879/100000 [07:11<15:17, 73.13it/s]
Training Step:  33%|          | 32887/100000 [07:11<16:14,
68.84it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:  33%|          | 32894/100000 [07:11<19:33, 57.17it/s]
Training Step:  33%|          | 32902/100000 [07:11<18:18, 61.06it/s]
Training Step:  33%|          | 32910/100000 [07:11<17:22, 64.37it/s]
Training Step:  33%|          | 32917/100000 [07:11<17:17, 64.66it/s]
Training Step:  33%|          | 32924/100000 [07:12<17:54, 62.41it/s]
Training Step:  33%|          | 32931/100000 [07:12<18:10, 61.49it/s]
Training Step:  33%|          | 32938/100000 [07:12<18:27, 60.54it/s]
Training Step:  33%|          | 32945/100000 [07:12<18:31, 60.33it/s]
Training Step:  33%|          | 32952/100000 [07:12<18:51, 59.27it/s]
Training Step:  33%|          | 32958/100000 [07:12<19:11, 58.24it/s]
Training Step:  33%|          | 32964/100000 [07:12<19:17,
57.93it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  33%|          | 32970/100000 [07:12<21:59, 50.81it/s]
Training Step:  33%|          | 32978/100000 [07:12<19:25, 57.51it/s]
Training Step:  33%|          | 32986/100000 [07:13<18:09, 61.50it/s]
Training Step:  33%|          | 32993/100000 [07:13<17:41, 63.10it/s]
Training Step:  33%|          | 33000/100000 [07:13<17:30, 63.77it/s]
Training Step:  33%|          | 33007/100000 [07:13<17:08, 65.14it/s]
Training Step:  33%|          | 33014/100000 [07:13<17:09, 65.04it/s]
Training Step:  33%|          | 33021/100000 [07:13<17:11, 64.91it/s]
Training Step:  33%|          | 33028/100000 [07:13<17:25, 64.08it/s]
Training Step:  33%|          | 33035/100000 [07:13<17:08,
65.09it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:  33%|          | 33042/100000 [07:13<19:47, 56.38it/s]
Training Step:  33%|          | 33051/100000 [07:14<17:31, 63.69it/s]
Training Step:  33%|          | 33060/100000 [07:14<16:17, 68.47it/s]
Training Step:  33%|          | 33068/100000 [07:14<16:32,
67.40it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  33%|          | 33075/100000 [07:14<18:48, 59.30it/s]
Training Step:  33%|          | 33082/100000 [07:14<18:02, 61.80it/s]
Training Step:  33%|          | 33090/100000 [07:14<16:58, 65.69it/s]
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Training Step:   33%|            | 33098/100000 [07:14<16:46, 66.50it/s]
Training Step:   33%|            | 33105/100000 [07:14<16:42, 66.72it/s]
Training Step:   33%|            | 33112/100000 [07:15<16:42, 66.71it/s]
Training Step:   33%|            | 33120/100000 [07:15<16:26,
67.77it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   33%|            | 33127/100000 [07:15<18:14, 61.09it/s]
Training Step:   33%|            | 33136/100000 [07:15<16:46, 66.40it/s]
Training Step:   33%|            | 33144/100000 [07:15<16:20, 68.20it/s]
Training Step:   33%|            | 33151/100000 [07:15<16:18, 68.32it/s]
Training Step:   33%|            | 33158/100000 [07:15<16:49,
66.22it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:   33%|            | 33165/100000 [07:15<20:02, 55.59it/s]
Training Step:   33%|            | 33172/100000 [07:15<18:51, 59.04it/s]
Training Step:   33%|            | 33180/100000 [07:16<17:45, 62.69it/s]
Training Step:   33%|            | 33187/100000 [07:16<18:14, 61.07it/s]
Training Step:   33%|            | 33194/100000 [07:16<18:59, 58.63it/s]
Training Step:   33%|            | 33200/100000 [07:16<19:50, 56.09it/s]
Training Step:   33%|            | 33206/100000 [07:16<20:57, 53.11it/s]
Training Step:   33%|            | 33212/100000 [07:16<21:19, 52.20it/s]
Training Step:   33%|            | 33218/100000 [07:16<21:32, 51.68it/s]
Training Step:   33%|            | 33224/100000 [07:16<21:09, 52.61it/s]
Training Step:   33%|            | 33230/100000 [07:17<21:08,
52.62it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   33%|            | 33236/100000 [07:17<24:55, 44.65it/s]
Training Step:   33%|            | 33244/100000 [07:17<21:33, 51.61it/s]
Training Step:   33%|            | 33251/100000 [07:17<19:53, 55.91it/s]
Training Step:   33%|            | 33258/100000 [07:17<19:17, 57.64it/s]
Training Step:   33%|            | 33265/100000 [07:17<18:21, 60.60it/s]
Training Step:   33%|            | 33272/100000 [07:17<18:13, 61.00it/s]
Training Step:   33%|            | 33279/100000 [07:17<17:42, 62.78it/s]
Training Step:   33%|            | 33286/100000 [07:18<17:29, 63.56it/s]
Training Step:   33%|            | 33293/100000 [07:18<17:14, 64.50it/s]
Training Step:   33%|            | 33300/100000 [07:18<17:37, 63.10it/s]
Training Step:   33%|            | 33307/100000 [07:18<17:25, 63.78it/s]
Training Step:   33%|            | 33314/100000 [07:18<18:00, 61.71it/s]
Training Step:   33%|            | 33321/100000 [07:18<17:56, 61.95it/s]
Training Step:   33%|            | 33328/100000 [07:18<18:13,
60.97it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   33%|            | 33335/100000 [07:18<21:16, 52.21it/s]
Training Step:   33%|            | 33343/100000 [07:18<19:07, 58.10it/s]
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Training Step:  33%|          | 33352/100000 [07:19<17:24, 63.78it/s]
Training Step:  33%|          | 33360/100000 [07:19<16:48, 66.10it/s]
Training Step:  33%|          | 33368/100000 [07:19<16:22, 67.81it/s]
Training Step:  33%|          | 33376/100000 [07:19<16:07, 68.86it/s]
Training Step:  33%|          | 33384/100000 [07:19<15:51,
69.98it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  33%|          | 33392/100000 [07:19<17:56, 61.88it/s]
Training Step:  33%|          | 33400/100000 [07:19<16:50, 65.91it/s]
Training Step:  33%|          | 33408/100000 [07:19<16:11, 68.52it/s]
Training Step:  33%|          | 33416/100000 [07:20<15:57, 69.55it/s]
Training Step:  33%|          | 33424/100000 [07:20<15:49, 70.10it/s]
Training Step:  33%|          | 33432/100000 [07:20<15:52, 69.86it/s]
Training Step:  33%|          | 33440/100000 [07:20<15:55, 69.66it/s]
Training Step:  33%|          | 33448/100000 [07:20<16:05, 68.91it/s]
Training Step:  33%|          | 33455/100000 [07:20<16:06, 68.83it/s]
Training Step:  33%|          | 33462/100000 [07:20<16:20, 67.84it/s]
Training Step:  33%|          | 33470/100000 [07:20<16:23, 67.65it/s]
Training Step:  33%|          | 33477/100000 [07:20<16:16, 68.11it/s]
Training Step:  33%|          | 33484/100000 [07:21<16:49, 65.86it/s]
Training Step:  33%|          | 33491/100000 [07:21<16:49, 65.91it/s]
Training Step:  33%|          | 33498/100000 [07:21<16:59, 65.23it/s]
Training Step:  34%|          | 33505/100000 [07:21<17:01,
65.10it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  34%|          | 33512/100000 [07:21<21:25, 51.74it/s]
Training Step:  34%|          | 33520/100000 [07:21<19:26, 56.99it/s]
Training Step:  34%|          | 33528/100000 [07:21<18:19, 60.46it/s]
Training Step:  34%|          | 33535/100000 [07:21<17:44, 62.42it/s]
Training Step:  34%|          | 33542/100000 [07:22<18:36, 59.53it/s]
Training Step:  34%|          | 33549/100000 [07:22<19:10, 57.75it/s]
Training Step:  34%|          | 33555/100000 [07:22<19:34, 56.59it/s]
Training Step:  34%|          | 33561/100000 [07:22<19:27, 56.88it/s]
Training Step:  34%|          | 33567/100000 [07:22<19:51, 55.76it/s]
Training Step:  34%|          | 33573/100000 [07:22<19:43, 56.12it/s]
Training Step:  34%|          | 33579/100000 [07:22<20:04, 55.12it/s]
Training Step:  34%|          | 33585/100000 [07:22<20:08,
54.95it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  34%|          | 33591/100000 [07:22<23:10, 47.75it/s]
Training Step:  34%|          | 33599/100000 [07:23<20:00, 55.30it/s]
Training Step:  34%|          | 33607/100000 [07:23<18:03, 61.29it/s]
Training Step:  34%|          | 33615/100000 [07:23<17:04, 64.78it/s]
Training Step:  34%|          | 33623/100000 [07:23<16:05, 68.77it/s]
Training Step:  34%|          | 33631/100000 [07:23<15:35, 70.92it/s]
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Training Step:  34%|          | 33639/100000 [07:23<15:18, 72.27it/s]
Training Step:  34%|          | 33647/100000 [07:23<15:13, 72.61it/s]
Training Step:  34%|          | 33655/100000 [07:23<15:05, 73.25it/s]
Training Step:  34%|          | 33663/100000 [07:23<15:00, 73.70it/s]
Training Step:  34%|          | 33671/100000 [07:24<15:03,
73.41it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  34%|          | 33679/100000 [07:24<17:43, 62.36it/s]
Training Step:  34%|          | 33687/100000 [07:24<16:45, 65.97it/s]
Training Step:  34%|          | 33695/100000 [07:24<16:04, 68.74it/s]
Training Step:  34%|          | 33703/100000 [07:24<16:33, 66.74it/s]
Training Step:  34%|          | 33710/100000 [07:24<17:15, 63.99it/s]
Training Step:  34%|          | 33717/100000 [07:24<17:11, 64.26it/s]
Training Step:  34%|          | 33724/100000 [07:24<17:26, 63.33it/s]
Training Step:  34%|          | 33731/100000 [07:24<17:33, 62.92it/s]
Training Step:  34%|          | 33738/100000 [07:25<17:40, 62.47it/s]
Training Step:  34%|          | 33745/100000 [07:25<17:34, 62.80it/s]
Training Step:  34%|          | 33752/100000 [07:25<17:44, 62.22it/s]
Training Step:  34%|          | 33759/100000 [07:25<17:43, 62.30it/s]
Training Step:  34%|          | 33766/100000 [07:25<17:47, 62.03it/s]
Training Step:  34%|          | 33773/100000 [07:25<17:50, 61.84it/s]
Training Step:  34%|          | 33780/100000 [07:25<18:07, 60.91it/s]
Training Step:  34%|          | 33787/100000 [07:25<17:53, 61.70it/s]
Training Step:  34%|          | 33794/100000 [07:26<18:03, 61.13it/s]
Training Step:  34%|          | 33801/100000 [07:26<18:01, 61.21it/s]
Training Step:  34%|          | 33808/100000 [07:26<18:23, 60.01it/s]
Training Step:  34%|          | 33815/100000 [07:26<18:29, 59.65it/s]
Training Step:  34%|          | 33821/100000 [07:26<18:57,
58.19it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  34%|          | 33827/100000 [07:26<22:12, 49.66it/s]
Training Step:  34%|          | 33835/100000 [07:26<19:26, 56.73it/s]
Training Step:  34%|          | 33843/100000 [07:26<17:42, 62.27it/s]
Training Step:  34%|          | 33850/100000 [07:26<17:18, 63.69it/s]
Training Step:  34%|          | 33857/100000 [07:27<18:13,
60.50it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  34%|          | 33864/100000 [07:27<21:29, 51.27it/s]
Training Step:  34%|          | 33871/100000 [07:27<19:47, 55.71it/s]
Training Step:  34%|          | 33879/100000 [07:27<18:21, 60.02it/s]
Training Step:  34%|          | 33886/100000 [07:27<18:00, 61.18it/s]
Training Step:  34%|          | 33893/100000 [07:27<17:28, 63.02it/s]
Training Step:  34%|          | 33900/100000 [07:27<17:36, 62.54it/s]
Training Step:  34%|          | 33907/100000 [07:27<17:25, 63.20it/s]
Training Step:  34%|          | 33914/100000 [07:28<17:29, 62.99it/s]
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Training Step:   34%|          | 33922/100000 [07:28<17:04, 64.48it/s]
Training Step:   34%|          | 33930/100000 [07:28<16:48, 65.50it/s]
Training Step:   34%|          | 33937/100000 [07:28<16:47, 65.57it/s]
Training Step:   34%|          | 33944/100000 [07:28<17:04, 64.48it/s]
Training Step:   34%|          | 33951/100000 [07:28<17:16, 63.71it/s]
Training Step:   34%|          | 33958/100000 [07:28<18:20, 60.00it/s]
Training Step:   34%|          | 33965/100000 [07:28<18:43, 58.75it/s]
Training Step:   34%|          | 33971/100000 [07:28<19:24,
56.70it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   34%|          | 33977/100000 [07:29<23:55, 45.99it/s]
Training Step:   34%|          | 33985/100000 [07:29<20:34, 53.49it/s]
Training Step:   34%|          | 33993/100000 [07:29<18:27, 59.60it/s]
Training Step:   34%|          | 34000/100000 [07:29<18:31, 59.37it/s]
Training Step:   34%|          | 34008/100000 [07:29<17:46, 61.85it/s]
Training Step:   34%|          | 34015/100000 [07:29<17:13, 63.83it/s]
Training Step:   34%|          | 34022/100000 [07:29<16:58, 64.80it/s]
Training Step:   34%|          | 34030/100000 [07:29<16:32, 66.44it/s]
Training Step:   34%|          | 34037/100000 [07:30<16:37, 66.14it/s]
Training Step:   34%|          | 34044/100000 [07:30<16:54, 65.04it/s]
Training Step:   34%|          | 34051/100000 [07:30<17:03, 64.45it/s]
Training Step:   34%|          | 34058/100000 [07:30<18:00, 61.06it/s]
Training Step:   34%|          | 34065/100000 [07:30<17:52,
61.48it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:   34%|          | 34072/100000 [07:30<21:34, 50.94it/s]
Training Step:   34%|          | 34080/100000 [07:30<19:40, 55.83it/s]
Training Step:   34%|          | 34087/100000 [07:30<18:36, 59.02it/s]
Training Step:   34%|          | 34094/100000 [07:31<19:19, 56.86it/s]
Training Step:   34%|          | 34100/100000 [07:31<19:43, 55.68it/s]
Training Step:   34%|          | 34106/100000 [07:31<19:56, 55.08it/s]
Training Step:   34%|          | 34112/100000 [07:31<20:25, 53.75it/s]
Training Step:   34%|          | 34118/100000 [07:31<20:19, 54.03it/s]
Training Step:   34%|          | 34124/100000 [07:31<20:15, 54.18it/s]
Training Step:   34%|          | 34130/100000 [07:31<20:22, 53.86it/s]
Training Step:   34%|          | 34136/100000 [07:31<20:25, 53.76it/s]
Training Step:   34%|          | 34142/100000 [07:31<20:19,
53.98it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:   34%|          | 34148/100000 [07:32<23:51, 46.00it/s]
Training Step:   34%|          | 34156/100000 [07:32<20:56, 52.42it/s]
Training Step:   34%|          | 34164/100000 [07:32<18:59, 57.79it/s]
Training Step:   34%|          | 34170/100000 [07:32<18:50, 58.22it/s]
Training Step:   34%|          | 34177/100000 [07:32<18:18, 59.94it/s]
Training Step:   34%|          | 34184/100000 [07:32<18:21, 59.75it/s]
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Training Step:  34%|          | 34191/100000 [07:32<17:46, 61.70it/s]
Training Step:  34%|          | 34198/100000 [07:32<17:50, 61.44it/s]
Training Step:  34%|          | 34205/100000 [07:32<17:36, 62.26it/s]
Training Step:  34%|          | 34212/100000 [07:33<17:32,
62.48it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  34%|          | 34219/100000 [07:33<19:54, 55.09it/s]
Training Step:  34%|          | 34227/100000 [07:33<17:54, 61.23it/s]
Training Step:  34%|          | 34235/100000 [07:33<16:46, 65.34it/s]
Training Step:  34%|          | 34242/100000 [07:33<16:39, 65.81it/s]
Training Step:  34%|          | 34249/100000 [07:33<16:26, 66.68it/s]
Training Step:  34%|          | 34256/100000 [07:33<16:23, 66.87it/s]
Training Step:  34%|          | 34264/100000 [07:33<16:13, 67.53it/s]
Training Step:  34%|          | 34272/100000 [07:34<15:53, 68.90it/s]
Training Step:  34%|          | 34279/100000 [07:34<15:52,
69.02it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  34%|          | 34286/100000 [07:34<18:08, 60.35it/s]
Training Step:  34%|          | 34294/100000 [07:34<16:51, 64.98it/s]
Training Step:  34%|          | 34302/100000 [07:34<15:54, 68.86it/s]
Training Step:  34%|          | 34310/100000 [07:34<16:44,
65.41it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  34%|          | 34317/100000 [07:34<20:47, 52.65it/s]
Training Step:  34%|          | 34324/100000 [07:34<19:24, 56.39it/s]
Training Step:  34%|          | 34332/100000 [07:35<17:56, 61.02it/s]
Training Step:  34%|          | 34339/100000 [07:35<17:30, 62.52it/s]
Training Step:  34%|          | 34346/100000 [07:35<17:54, 61.10it/s]
Training Step:  34%|          | 34353/100000 [07:35<17:55, 61.03it/s]
Training Step:  34%|          | 34360/100000 [07:35<18:29, 59.16it/s]
Training Step:  34%|          | 34367/100000 [07:35<18:06, 60.42it/s]
Training Step:  34%|          | 34374/100000 [07:35<18:40, 58.57it/s]
Training Step:  34%|          | 34380/100000 [07:35<18:34,
58.86it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  34%|          | 34386/100000 [07:35<22:08, 49.40it/s]
Training Step:  34%|          | 34394/100000 [07:36<19:24, 56.35it/s]
Training Step:  34%|          | 34402/100000 [07:36<17:46, 61.49it/s]
Training Step:  34%|          | 34409/100000 [07:36<17:14, 63.41it/s]
Training Step:  34%|          | 34416/100000 [07:36<17:57, 60.88it/s]
Training Step:  34%|          | 34423/100000 [07:36<18:19, 59.65it/s]
Training Step:  34%|          | 34430/100000 [07:36<18:51, 57.94it/s]
Training Step:  34%|          | 34436/100000 [07:36<18:58, 57.58it/s]
Training Step:  34%|          | 34442/100000 [07:36<19:16, 56.71it/s]
```

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Training Step:   34%|            | 34448/100000 [07:37<19:50, 55.05it/s]
Training Step:   34%|            | 34454/100000 [07:37<20:03, 54.47it/s]
Training Step:   34%|            | 34460/100000 [07:37<20:05, 54.35it/s]
Training Step:   34%|            | 34466/100000 [07:37<20:46, 52.59it/s]
Training Step:   34%|            | 34472/100000 [07:37<21:50,
50.01it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   34%|            | 34478/100000 [07:37<25:14, 43.26it/s]
Training Step:   34%|            | 34486/100000 [07:37<21:26, 50.91it/s]
Training Step:   34%|            | 34494/100000 [07:37<19:31, 55.89it/s]
Training Step:   35%|            | 34501/100000 [07:38<18:29, 59.06it/s]
Training Step:   35%|            | 34508/100000 [07:38<18:01, 60.58it/s]
Training Step:   35%|            | 34516/100000 [07:38<16:56, 64.43it/s]
Training Step:   35%|            | 34524/100000 [07:38<16:19, 66.86it/s]
Training Step:   35%|            | 34532/100000 [07:38<16:04, 67.87it/s]
Training Step:   35%|            | 34540/100000 [07:38<15:47, 69.11it/s]
Training Step:   35%|            | 34547/100000 [07:38<15:56, 68.41it/s]
Training Step:   35%|            | 34554/100000 [07:38<16:43, 65.21it/s]
Training Step:   35%|            | 34561/100000 [07:38<17:04,
63.89it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   35%|            | 34568/100000 [07:39<19:49, 55.02it/s]
Training Step:   35%|            | 34576/100000 [07:39<18:05, 60.30it/s]
Training Step:   35%|            | 34584/100000 [07:39<16:56, 64.39it/s]
Training Step:   35%|            | 34591/100000 [07:39<16:46, 65.01it/s]
Training Step:   35%|            | 34598/100000 [07:39<16:41, 65.31it/s]
Training Step:   35%|            | 34606/100000 [07:39<16:19, 66.79it/s]
Training Step:   35%|            | 34614/100000 [07:39<16:16, 66.93it/s]
Training Step:   35%|            | 34622/100000 [07:39<15:52, 68.62it/s]
Training Step:   35%|            | 34629/100000 [07:39<15:52, 68.62it/s]
Training Step:   35%|            | 34636/100000 [07:40<16:11, 67.31it/s]
Training Step:   35%|            | 34643/100000 [07:40<16:11, 67.27it/s]
Training Step:   35%|            | 34650/100000 [07:40<16:30,
65.97it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:   35%|            | 34657/100000 [07:40<19:14, 56.62it/s]
Training Step:   35%|            | 34665/100000 [07:40<17:24, 62.56it/s]
Training Step:   35%|            | 34673/100000 [07:40<16:30, 65.97it/s]
Training Step:   35%|            | 34681/100000 [07:40<15:58, 68.12it/s]
Training Step:   35%|            | 34689/100000 [07:40<15:37, 69.66it/s]
Training Step:   35%|            | 34697/100000 [07:40<15:35, 69.82it/s]
Training Step:   35%|            | 34705/100000 [07:41<15:13, 71.44it/s]
Training Step:   35%|            | 34713/100000 [07:41<15:01, 72.42it/s]
Training Step:   35%|            | 34721/100000 [07:41<15:10, 71.73it/s]
Training Step:   35%|            | 34729/100000 [07:41<15:25, 70.50it/s]
```

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Training Step:  35%|           | 34737/100000 [07:41<15:44,
69.12it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  35%|           | 34744/100000 [07:41<17:53, 60.79it/s]
Training Step:  35%|           | 34753/100000 [07:41<16:18, 66.67it/s]
Training Step:  35%|           | 34761/100000 [07:41<15:37, 69.61it/s]
Training Step:  35%|           | 34769/100000 [07:42<15:51, 68.53it/s]
Training Step:  35%|           | 34776/100000 [07:42<16:09, 67.30it/s]
Training Step:  35%|           | 34783/100000 [07:42<16:06, 67.48it/s]
Training Step:  35%|           | 34790/100000 [07:42<16:36, 65.45it/s]
Training Step:  35%|           | 34797/100000 [07:42<17:00,
63.88it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  35%|           | 34804/100000 [07:42<20:16, 53.58it/s]
Training Step:  35%|           | 34812/100000 [07:42<18:27, 58.84it/s]
Training Step:  35%|           | 34820/100000 [07:42<17:05, 63.56it/s]
Training Step:  35%|           | 34827/100000 [07:42<17:18, 62.78it/s]
Training Step:  35%|           | 34834/100000 [07:43<17:43, 61.27it/s]
Training Step:  35%|           | 34841/100000 [07:43<17:40, 61.47it/s]
Training Step:  35%|           | 34848/100000 [07:43<17:56, 60.51it/s]
Training Step:  35%|           | 34855/100000 [07:43<18:02, 60.16it/s]
Training Step:  35%|           | 34862/100000 [07:43<18:34, 58.42it/s]
Training Step:  35%|           | 34868/100000 [07:43<18:32, 58.53it/s]
Training Step:  35%|           | 34874/100000 [07:43<18:28, 58.77it/s]
Training Step:  35%|           | 34880/100000 [07:43<18:27,
58.78it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  35%|           | 34886/100000 [07:44<20:41, 52.44it/s]
Training Step:  35%|           | 34895/100000 [07:44<17:46, 61.07it/s]
Training Step:  35%|           | 34904/100000 [07:44<16:18, 66.55it/s]
Training Step:  35%|           | 34912/100000 [07:44<16:09,
67.10it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  35%|           | 34919/100000 [07:44<18:23, 58.96it/s]
Training Step:  35%|           | 34926/100000 [07:44<17:37, 61.51it/s]
Training Step:  35%|           | 34934/100000 [07:44<16:46, 64.65it/s]
Training Step:  35%|           | 34942/100000 [07:44<16:29, 65.77it/s]
Training Step:  35%|           | 34949/100000 [07:44<16:14, 66.72it/s]
Training Step:  35%|           | 34956/100000 [07:45<16:36, 65.28it/s]
Training Step:  35%|           | 34963/100000 [07:45<16:24, 66.04it/s]
Training Step:  35%|           | 34970/100000 [07:45<16:11, 66.96it/s]
Training Step:  35%|           | 34977/100000 [07:45<16:01, 67.64it/s]
Training Step:  35%|           | 34984/100000 [07:45<16:13, 66.78it/s]
Training Step:  35%|           | 34991/100000 [07:45<16:27, 65.81it/s]
```

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Training Step:  35%|          | 34998/100000 [07:45<16:54,
64.08it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  35%|          | 35005/100000 [07:45<19:01, 56.95it/s]
Training Step:  35%|          | 35013/100000 [07:45<17:29, 61.93it/s]
Training Step:  35%|          | 35020/100000 [07:46<17:18, 62.58it/s]
Training Step:  35%|          | 35027/100000 [07:46<16:59, 63.73it/s]
Training Step:  35%|          | 35034/100000 [07:46<17:10, 63.02it/s]
Training Step:  35%|          | 35041/100000 [07:46<16:56, 63.89it/s]
Training Step:  35%|          | 35048/100000 [07:46<16:57, 63.81it/s]
Training Step:  35%|          | 35055/100000 [07:46<17:06, 63.24it/s]
Training Step:  35%|          | 35062/100000 [07:46<17:07,
63.19it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  35%|          | 35069/100000 [07:46<20:26, 52.95it/s]
Training Step:  35%|          | 35077/100000 [07:47<18:27, 58.62it/s]
Training Step:  35%|          | 35084/100000 [07:47<17:40, 61.21it/s]
Training Step:  35%|          | 35092/100000 [07:47<16:38, 65.01it/s]
Training Step:  35%|          | 35100/100000 [07:47<16:12, 66.73it/s]
Training Step:  35%|          | 35108/100000 [07:47<15:45, 68.67it/s]
Training Step:  35%|          | 35116/100000 [07:47<15:36, 69.31it/s]
Training Step:  35%|          | 35124/100000 [07:47<15:22, 70.32it/s]
Training Step:  35%|          | 35132/100000 [07:47<15:23, 70.27it/s]
Training Step:  35%|          | 35140/100000 [07:47<15:45, 68.60it/s]
Training Step:  35%|          | 35148/100000 [07:48<15:41, 68.89it/s]
Training Step:  35%|          | 35155/100000 [07:48<15:43,
68.72it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  35%|          | 35162/100000 [07:48<17:51, 60.51it/s]
Training Step:  35%|          | 35170/100000 [07:48<16:36, 65.04it/s]
Training Step:  35%|          | 35178/100000 [07:48<15:48, 68.31it/s]
Training Step:  35%|          | 35185/100000 [07:48<16:05,
67.12it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  35%|          | 35192/100000 [07:48<19:46, 54.61it/s]
Training Step:  35%|          | 35200/100000 [07:48<18:02, 59.87it/s]
Training Step:  35%|          | 35208/100000 [07:48<16:56, 63.74it/s]
Training Step:  35%|          | 35216/100000 [07:49<16:32, 65.29it/s]
Training Step:  35%|          | 35223/100000 [07:49<16:15, 66.43it/s]
Training Step:  35%|          | 35231/100000 [07:49<15:51, 68.10it/s]
Training Step:  35%|          | 35238/100000 [07:49<15:54, 67.87it/s]
Training Step:  35%|          | 35246/100000 [07:49<15:39, 68.95it/s]
Training Step:  35%|          | 35254/100000 [07:49<15:41,
68.77it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
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out_of_road.

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Training Step:  35%|            | 35261/100000 [07:49<17:14, 62.56it/s]
Training Step:  35%|            | 35270/100000 [07:49<15:57, 67.64it/s]
Training Step:  35%|            | 35279/100000 [07:50<14:55, 72.25it/s]
Training Step:  35%|            | 35287/100000 [07:50<14:32, 74.16it/s]
Training Step:  35%|            | 35296/100000 [07:50<14:15, 75.61it/s]
Training Step:  35%|            | 35305/100000 [07:50<13:50, 77.87it/s]
Training Step:  35%|            | 35314/100000 [07:50<13:51, 77.79it/s]
Training Step:  35%|            | 35322/100000 [07:50<13:49, 77.96it/s]
Training Step:  35%|            | 35330/100000 [07:50<13:48, 78.10it/s]
Training Step:  35%|            | 35338/100000 [07:50<14:01, 76.89it/s]
Training Step:  35%|            | 35346/100000 [07:50<14:05, 76.47it/s]
Training Step:  35%|            | 35354/100000 [07:50<14:11, 75.95it/s]
Training Step:  35%|            | 35362/100000 [07:51<14:34, 73.94it/s]
Training Step:  35%|            | 35370/100000 [07:51<15:13, 70.77it/s]
Training Step:  35%|            | 35378/100000 [07:51<16:49, 64.04it/s]
Training Step:  35%|            | 35385/100000 [07:51<16:30, 65.23it/s]
Training Step:  35%|            | 35392/100000 [07:51<16:24, 65.62it/s]
Training Step:  35%|            | 35399/100000 [07:51<16:14, 66.27it/s]
Training Step:  35%|            | 35406/100000 [07:51<16:04, 66.94it/s]
Training Step:  35%|            | 35414/100000 [07:51<15:58, 67.39it/s]
Training Step:  35%|            | 35421/100000 [07:52<16:19, 65.92it/s]
Training Step:  35%|            | 35428/100000 [07:52<16:56,
63.52it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  35%|            | 35435/100000 [07:52<19:59, 53.81it/s]
Training Step:  35%|            | 35442/100000 [07:52<18:40, 57.62it/s]
Training Step:  35%|            | 35450/100000 [07:52<17:45, 60.57it/s]
Training Step:  35%|            | 35457/100000 [07:52<17:17, 62.22it/s]
Training Step:  35%|            | 35464/100000 [07:52<18:09, 59.22it/s]
Training Step:  35%|            | 35471/100000 [07:52<18:11, 59.10it/s]
Training Step:  35%|            | 35478/100000 [07:53<18:46, 57.30it/s]
Training Step:  35%|            | 35484/100000 [07:53<18:55, 56.83it/s]
Training Step:  35%|            | 35490/100000 [07:53<18:53, 56.91it/s]
Training Step:  35%|            | 35496/100000 [07:53<19:04, 56.37it/s]
Training Step:  36%|            | 35502/100000 [07:53<19:34, 54.91it/s]
Training Step:  36%|            | 35508/100000 [07:53<20:05, 53.49it/s]
Training Step:  36%|            | 35514/100000 [07:53<19:52, 54.08it/s]
Training Step:  36%|            | 35520/100000 [07:53<19:33, 54.95it/s]
Training Step:  36%|            | 35526/100000 [07:53<20:10,
53.24it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  36%|            | 35532/100000 [07:54<23:04, 46.56it/s]
Training Step:  36%|            | 35540/100000 [07:54<20:15, 53.02it/s]
Training Step:  36%|            | 35548/100000 [07:54<18:09, 59.15it/s]
```

```
Training Step:  36%|          | 35555/100000 [07:54<17:19, 62.02it/s]
Training Step:  36%|          | 35562/100000 [07:54<17:08, 62.66it/s]
Training Step:  36%|          | 35569/100000 [07:54<16:52, 63.64it/s]
Training Step:  36%|          | 35576/100000 [07:54<17:11, 62.45it/s]
Training Step:  36%|          | 35583/100000 [07:54<16:43, 64.18it/s]
Training Step:  36%|          | 35590/100000 [07:54<16:35, 64.72it/s]
Training Step:  36%|          | 35597/100000 [07:55<16:15,
66.03it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  36%|          | 35604/100000 [07:55<19:44, 54.35it/s]
Training Step:  36%|          | 35612/100000 [07:55<17:55, 59.86it/s]
Training Step:  36%|          | 35620/100000 [07:55<17:05, 62.81it/s]
Training Step:  36%|          | 35627/100000 [07:55<17:14, 62.24it/s]
Training Step:  36%|          | 35634/100000 [07:55<18:05, 59.31it/s]
Training Step:  36%|          | 35641/100000 [07:55<18:16, 58.69it/s]
Training Step:  36%|          | 35647/100000 [07:55<18:10, 59.03it/s]
Training Step:  36%|          | 35653/100000 [07:56<18:08, 59.13it/s]
Training Step:  36%|          | 35660/100000 [07:56<18:07, 59.19it/s]
Training Step:  36%|          | 35666/100000 [07:56<18:08, 59.09it/s]
Training Step:  36%|          | 35673/100000 [07:56<17:55,
59.80it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  36%|          | 35679/100000 [07:56<20:42, 51.78it/s]
Training Step:  36%|          | 35687/100000 [07:56<18:21, 58.41it/s]
Training Step:  36%|          | 35695/100000 [07:56<17:03, 62.81it/s]
Training Step:  36%|          | 35703/100000 [07:56<16:08, 66.39it/s]
Training Step:  36%|          | 35711/100000 [07:56<15:29, 69.19it/s]
Training Step:  36%|          | 35719/100000 [07:57<14:57, 71.61it/s]
Training Step:  36%|          | 35727/100000 [07:57<14:43, 72.76it/s]
Training Step:  36%|          | 35735/100000 [07:57<14:36, 73.36it/s]
Training Step:  36%|          | 35743/100000 [07:57<14:55, 71.77it/s]
Training Step:  36%|          | 35751/100000 [07:57<15:08, 70.70it/s]
Training Step:  36%|          | 35759/100000 [07:57<15:17,
69.99it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  36%|          | 35767/100000 [07:57<18:01, 59.40it/s]
Training Step:  36%|          | 35774/100000 [07:57<17:31, 61.09it/s]
Training Step:  36%|          | 35782/100000 [07:57<16:42, 64.03it/s]
Training Step:  36%|          | 35790/100000 [07:58<16:22, 65.38it/s]
Training Step:  36%|          | 35797/100000 [07:58<16:04, 66.59it/s]
Training Step:  36%|          | 35804/100000 [07:58<16:24, 65.21it/s]
Training Step:  36%|          | 35811/100000 [07:58<16:15, 65.80it/s]
Training Step:  36%|          | 35818/100000 [07:58<16:35, 64.45it/s]
Training Step:  36%|          | 35825/100000 [07:58<16:36, 64.39it/s]
Training Step:  36%|          | 35832/100000 [07:58<16:42,
```

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63.99it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  36%|            | 35839/100000 [07:58<19:24, 55.07it/s]
Training Step:  36%|            | 35846/100000 [07:59<18:21, 58.23it/s]
Training Step:  36%|            | 35854/100000 [07:59<17:07, 62.45it/s]
Training Step:  36%|            | 35862/100000 [07:59<16:23, 65.22it/s]
Training Step:  36%|            | 35870/100000 [07:59<16:01, 66.70it/s]
Training Step:  36%|            | 35878/100000 [07:59<15:29, 69.00it/s]
Training Step:  36%|            | 35886/100000 [07:59<15:22, 69.54it/s]
Training Step:  36%|            | 35894/100000 [07:59<15:12, 70.29it/s]
Training Step:  36%|            | 35902/100000 [07:59<15:19, 69.69it/s]
Training Step:  36%|            | 35910/100000 [07:59<15:20, 69.65it/s]
Training Step:  36%|            | 35917/100000 [08:00<15:26, 69.18it/s]
Training Step:  36%|            | 35924/100000 [08:00<15:51,
67.36it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  36%|            | 35931/100000 [08:00<18:52, 56.56it/s]
Training Step:  36%|            | 35938/100000 [08:00<18:05, 59.01it/s]
Training Step:  36%|            | 35946/100000 [08:00<17:25, 61.28it/s]
Training Step:  36%|            | 35953/100000 [08:00<17:06, 62.41it/s]
Training Step:  36%|            | 35960/100000 [08:00<17:50, 59.80it/s]
Training Step:  36%|            | 35967/100000 [08:00<18:14, 58.49it/s]
Training Step:  36%|            | 35973/100000 [08:01<18:41, 57.11it/s]
Training Step:  36%|            | 35979/100000 [08:01<18:52, 56.52it/s]
Training Step:  36%|            | 35985/100000 [08:01<18:46, 56.85it/s]
Training Step:  36%|            | 35991/100000 [08:01<18:56, 56.32it/s]
Training Step:  36%|            | 35997/100000 [08:01<19:10,
55.64it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  36%|            | 36003/100000 [08:01<22:40, 47.05it/s]
Training Step:  36%|            | 36010/100000 [08:01<20:13, 52.72it/s]
Training Step:  36%|            | 36018/100000 [08:01<18:39, 57.16it/s]
Training Step:  36%|            | 36026/100000 [08:01<17:27, 61.07it/s]
Training Step:  36%|            | 36033/100000 [08:02<16:56, 62.94it/s]
Training Step:  36%|            | 36041/100000 [08:02<16:09, 65.99it/s]
Training Step:  36%|            | 36048/100000 [08:02<16:34, 64.34it/s]
Training Step:  36%|            | 36055/100000 [08:02<16:10, 65.88it/s]
Training Step:  36%|            | 36062/100000 [08:02<16:19, 65.28it/s]
Training Step:  36%|            | 36069/100000 [08:02<16:07, 66.05it/s]
Training Step:  36%|            | 36076/100000 [08:02<16:45, 63.56it/s]
Training Step:  36%|            | 36083/100000 [08:02<18:04, 58.95it/s]
Training Step:  36%|            | 36089/100000 [08:02<18:07, 58.76it/s]
Training Step:  36%|            | 36095/100000 [08:03<18:04, 58.94it/s]
Training Step:  36%|            | 36102/100000 [08:03<18:07, 58.75it/s]
Training Step:  36%|            | 36109/100000 [08:03<17:21,
```

61.33it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step: 36%| | 36116/100000 [08:03<19:44, 53.94it/s]
Training Step: 36%| | 36124/100000 [08:03<17:40, 60.22it/s]
Training Step: 36%| | 36132/100000 [08:03<16:38, 63.93it/s]
Training Step: 36%| | 36139/100000 [08:03<16:32, 64.35it/s]
Training Step: 36%| | 36146/100000 [08:03<16:54, 62.97it/s]
Training Step: 36%| | 36153/100000 [08:03<16:40, 63.84it/s]
Training Step: 36%| | 36160/100000 [08:04<16:51, 63.10it/s]
Training Step: 36%| | 36167/100000 [08:04<16:43,
63.60it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step: 36%| | 36174/100000 [08:04<19:15, 55.24it/s]
Training Step: 36%| | 36182/100000 [08:04<17:44, 59.95it/s]
Training Step: 36%| | 36190/100000 [08:04<16:51, 63.09it/s]
Training Step: 36%| | 36198/100000 [08:04<16:25, 64.71it/s]
Training Step: 36%| | 36206/100000 [08:04<16:04, 66.14it/s]
Training Step: 36%| | 36214/100000 [08:04<15:42, 67.67it/s]
Training Step: 36%| | 36222/100000 [08:05<15:29,
68.59it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step: 36%| | 36230/100000 [08:05<17:31, 60.66it/s]
Training Step: 36%| | 36238/100000 [08:05<16:24, 64.80it/s]
Training Step: 36%| | 36246/100000 [08:05<15:41, 67.68it/s]
Training Step: 36%| | 36254/100000 [08:05<15:22, 69.13it/s]
Training Step: 36%| | 36262/100000 [08:05<15:41,
67.67it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step: 36%| | 36269/100000 [08:05<18:44, 56.66it/s]
Training Step: 36%| | 36277/100000 [08:05<17:30, 60.66it/s]
Training Step: 36%| | 36284/100000 [08:06<16:56, 62.69it/s]
Training Step: 36%| | 36291/100000 [08:06<16:49, 63.12it/s]
Training Step: 36%| | 36298/100000 [08:06<17:15, 61.50it/s]
Training Step: 36%| | 36305/100000 [08:06<17:34, 60.39it/s]
Training Step: 36%| | 36312/100000 [08:06<18:10, 58.42it/s]
Training Step: 36%| | 36318/100000 [08:06<18:22, 57.78it/s]
Training Step: 36%| | 36324/100000 [08:06<18:49, 56.37it/s]
Training Step: 36%| | 36330/100000 [08:06<18:51, 56.27it/s]
Training Step: 36%| | 36336/100000 [08:06<19:06, 55.53it/s]
Training Step: 36%| | 36342/100000 [08:07<19:09, 55.39it/s]
Training Step: 36%| | 36348/100000 [08:07<19:20,
54.85it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

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Training Step:  36%|           | 36354/100000 [08:07<20:53, 50.79it/s]
Training Step:  36%|           | 36362/100000 [08:07<18:22, 57.71it/s]
Training Step:  36%|           | 36370/100000 [08:07<16:48, 63.07it/s]
Training Step:  36%|           | 36378/100000 [08:07<16:12, 65.40it/s]
Training Step:  36%|           | 36386/100000 [08:07<15:31, 68.30it/s]
Training Step:  36%|           | 36394/100000 [08:07<15:01, 70.58it/s]
Training Step:  36%|           | 36402/100000 [08:07<15:01, 70.55it/s]
Training Step:  36%|           | 36410/100000 [08:08<14:53, 71.21it/s]
Training Step:  36%|           | 36418/100000 [08:08<14:44, 71.86it/s]
Training Step:  36%|           | 36426/100000 [08:08<14:29, 73.12it/s]
Training Step:  36%|           | 36434/100000 [08:08<14:42,
72.01it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  36%|           | 36442/100000 [08:08<17:30, 60.53it/s]
Training Step:  36%|           | 36450/100000 [08:08<16:34, 63.90it/s]
Training Step:  36%|           | 36458/100000 [08:08<16:17, 65.02it/s]
Training Step:  36%|           | 36466/100000 [08:08<15:53, 66.60it/s]
Training Step:  36%|           | 36474/100000 [08:09<15:40, 67.56it/s]
Training Step:  36%|           | 36481/100000 [08:09<15:42, 67.39it/s]
Training Step:  36%|           | 36488/100000 [08:09<15:50,
66.83it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  36%|           | 36496/100000 [08:09<18:20, 57.70it/s]
Training Step:  37%|           | 36504/100000 [08:09<17:24, 60.77it/s]
Training Step:  37%|           | 36512/100000 [08:09<16:17, 64.96it/s]
Training Step:  37%|           | 36520/100000 [08:09<15:28, 68.37it/s]
Training Step:  37%|           | 36528/100000 [08:09<15:11, 69.63it/s]
Training Step:  37%|           | 36536/100000 [08:09<14:54, 70.92it/s]
Training Step:  37%|           | 36544/100000 [08:10<14:57, 70.69it/s]
Training Step:  37%|           | 36552/100000 [08:10<15:04, 70.16it/s]
Training Step:  37%|           | 36560/100000 [08:10<15:11, 69.62it/s]
Training Step:  37%|           | 36567/100000 [08:10<15:19, 68.97it/s]
Training Step:  37%|           | 36575/100000 [08:10<15:02, 70.28it/s]
Training Step:  37%|           | 36583/100000 [08:10<15:19,
68.95it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  37%|           | 36590/100000 [08:10<17:43, 59.61it/s]
Training Step:  37%|           | 36598/100000 [08:10<16:36, 63.63it/s]
Training Step:  37%|           | 36606/100000 [08:11<15:43, 67.20it/s]
Training Step:  37%|           | 36614/100000 [08:11<15:38, 67.56it/s]
Training Step:  37%|           | 36622/100000 [08:11<15:25, 68.47it/s]
Training Step:  37%|           | 36630/100000 [08:11<15:17, 69.05it/s]
Training Step:  37%|           | 36638/100000 [08:11<15:08,
69.75it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.
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Training Step:  37%|          | 36646/100000 [08:11<17:37, 59.94it/s]
Training Step:  37%|          | 36654/100000 [08:11<16:31, 63.90it/s]
Training Step:  37%|          | 36662/100000 [08:11<15:50, 66.65it/s]
Training Step:  37%|          | 36670/100000 [08:11<15:26, 68.37it/s]
Training Step:  37%|          | 36677/100000 [08:12<15:20, 68.81it/s]
Training Step:  37%|          | 36684/100000 [08:12<15:33, 67.82it/s]
Training Step:  37%|          | 36691/100000 [08:12<15:35, 67.67it/s]
Training Step:  37%|          | 36698/100000 [08:12<15:50, 66.63it/s]
Training Step:  37%|          | 36705/100000 [08:12<15:55, 66.27it/s]
Training Step:  37%|          | 36712/100000 [08:12<16:17,
64.76it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:  37%|          | 36719/100000 [08:12<18:12, 57.94it/s]
Training Step:  37%|          | 36727/100000 [08:12<16:36, 63.50it/s]
Training Step:  37%|          | 36736/100000 [08:12<15:31, 67.91it/s]
Training Step:  37%|          | 36744/100000 [08:13<14:51, 70.98it/s]
Training Step:  37%|          | 36752/100000 [08:13<14:42, 71.70it/s]
Training Step:  37%|          | 36760/100000 [08:13<14:28, 72.80it/s]
Training Step:  37%|          | 36768/100000 [08:13<14:32, 72.50it/s]
Training Step:  37%|          | 36776/100000 [08:13<14:31, 72.54it/s]
Training Step:  37%|          | 36784/100000 [08:13<14:21, 73.40it/s]
Training Step:  37%|          | 36792/100000 [08:13<14:23, 73.20it/s]
Training Step:  37%|          | 36800/100000 [08:13<14:17,
73.66it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  37%|          | 36808/100000 [08:14<16:45, 62.82it/s]
Training Step:  37%|          | 36816/100000 [08:14<16:04, 65.50it/s]
Training Step:  37%|          | 36824/100000 [08:14<15:45, 66.84it/s]
Training Step:  37%|          | 36831/100000 [08:14<16:15, 64.77it/s]
Training Step:  37%|          | 36838/100000 [08:14<16:58, 62.04it/s]
Training Step:  37%|          | 36845/100000 [08:14<17:06, 61.55it/s]
Training Step:  37%|          | 36852/100000 [08:14<17:32, 59.98it/s]
Training Step:  37%|          | 36859/100000 [08:14<17:28, 60.24it/s]
Training Step:  37%|          | 36866/100000 [08:14<17:56, 58.63it/s]
Training Step:  37%|          | 36872/100000 [08:15<18:34,
56.62it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  37%|          | 36878/100000 [08:15<21:31, 48.88it/s]
Training Step:  37%|          | 36886/100000 [08:15<19:13, 54.70it/s]
Training Step:  37%|          | 36894/100000 [08:15<17:34, 59.86it/s]
Training Step:  37%|          | 36901/100000 [08:15<17:45, 59.24it/s]
Training Step:  37%|          | 36908/100000 [08:15<17:45, 59.23it/s]
Training Step:  37%|          | 36915/100000 [08:15<17:28, 60.16it/s]
Training Step:  37%|          | 36922/100000 [08:15<17:30, 60.06it/s]
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Training Step:  37%|            | 36929/100000 [08:16<17:23,
60.46it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  37%|            | 36936/100000 [08:16<19:48, 53.04it/s]
Training Step:  37%|            | 36944/100000 [08:16<17:37, 59.63it/s]
Training Step:  37%|            | 36952/100000 [08:16<16:14, 64.73it/s]
Training Step:  37%|            | 36959/100000 [08:16<16:03, 65.44it/s]
Training Step:  37%|            | 36966/100000 [08:16<16:05, 65.26it/s]
Training Step:  37%|            | 36974/100000 [08:16<15:33, 67.48it/s]
Training Step:  37%|            | 36981/100000 [08:16<15:34, 67.43it/s]
Training Step:  37%|            | 36988/100000 [08:16<15:27,
67.97it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  37%|            | 36995/100000 [08:17<18:31, 56.68it/s]
Training Step:  37%|            | 37003/100000 [08:17<17:12, 61.03it/s]
Training Step:  37%|            | 37010/100000 [08:17<16:41, 62.88it/s]
Training Step:  37%|            | 37017/100000 [08:17<17:20, 60.55it/s]
Training Step:  37%|            | 37024/100000 [08:17<17:58, 58.42it/s]
Training Step:  37%|            | 37030/100000 [08:17<18:01, 58.22it/s]
Training Step:  37%|            | 37036/100000 [08:17<18:26, 56.88it/s]
Training Step:  37%|            | 37042/100000 [08:17<18:43, 56.05it/s]
Training Step:  37%|            | 37048/100000 [08:18<19:04,
55.03it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  37%|            | 37054/100000 [08:18<22:13, 47.21it/s]
Training Step:  37%|            | 37062/100000 [08:18<19:23, 54.09it/s]
Training Step:  37%|            | 37070/100000 [08:18<17:45, 59.06it/s]
Training Step:  37%|            | 37077/100000 [08:18<17:04, 61.44it/s]
Training Step:  37%|            | 37084/100000 [08:18<16:31, 63.43it/s]
Training Step:  37%|            | 37092/100000 [08:18<16:03, 65.31it/s]
Training Step:  37%|            | 37100/100000 [08:18<15:34, 67.32it/s]
Training Step:  37%|            | 37108/100000 [08:18<15:07, 69.30it/s]
Training Step:  37%|            | 37115/100000 [08:19<15:20, 68.35it/s]
Training Step:  37%|            | 37122/100000 [08:19<16:02, 65.32it/s]
Training Step:  37%|            | 37129/100000 [08:19<17:04,
61.36it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  37%|            | 37136/100000 [08:19<20:19, 51.56it/s]
Training Step:  37%|            | 37144/100000 [08:19<18:11, 57.59it/s]
Training Step:  37%|            | 37152/100000 [08:19<17:06, 61.20it/s]
Training Step:  37%|            | 37159/100000 [08:19<16:35, 63.14it/s]
Training Step:  37%|            | 37166/100000 [08:19<16:43, 62.63it/s]
Training Step:  37%|            | 37173/100000 [08:20<16:58, 61.71it/s]
Training Step:  37%|            | 37180/100000 [08:20<17:22, 60.28it/s]
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Training Step:  37%|          | 37187/100000 [08:20<17:08, 61.08it/s]
Training Step:  37%|          | 37194/100000 [08:20<17:11, 60.86it/s]
Training Step:  37%|          | 37201/100000 [08:20<17:06, 61.18it/s]
Training Step:  37%|          | 37208/100000 [08:20<17:26, 59.99it/s]
Training Step:  37%|          | 37215/100000 [08:20<17:22, 60.25it/s]
Training Step:  37%|          | 37222/100000 [08:20<17:16, 60.59it/s]
Training Step:  37%|          | 37229/100000 [08:20<17:01, 61.47it/s]
Training Step:  37%|          | 37236/100000 [08:21<17:14,
60.65it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  37%|          | 37243/100000 [08:21<19:03, 54.87it/s]
Training Step:  37%|          | 37252/100000 [08:21<16:59, 61.53it/s]
Training Step:  37%|          | 37261/100000 [08:21<15:22, 67.99it/s]
Training Step:  37%|          | 37270/100000 [08:21<14:47, 70.65it/s]
Training Step:  37%|          | 37278/100000 [08:21<14:28, 72.18it/s]
Training Step:  37%|          | 37286/100000 [08:21<14:17, 73.12it/s]
Training Step:  37%|          | 37294/100000 [08:21<14:07, 74.00it/s]
Training Step:  37%|          | 37302/100000 [08:22<13:53, 75.27it/s]
Training Step:  37%|          | 37310/100000 [08:22<13:42, 76.18it/s]
Training Step:  37%|          | 37318/100000 [08:22<13:47, 75.75it/s]
Training Step:  37%|          | 37326/100000 [08:22<13:59,
74.66it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  37%|          | 37334/100000 [08:22<16:28, 63.42it/s]
Training Step:  37%|          | 37342/100000 [08:22<16:04, 64.99it/s]
Training Step:  37%|          | 37350/100000 [08:22<15:16, 68.33it/s]
Training Step:  37%|          | 37358/100000 [08:22<15:00, 69.59it/s]
Training Step:  37%|          | 37366/100000 [08:22<15:02, 69.38it/s]
Training Step:  37%|          | 37374/100000 [08:23<15:01, 69.44it/s]
Training Step:  37%|          | 37382/100000 [08:23<14:51, 70.21it/s]
Training Step:  37%|          | 37390/100000 [08:23<14:54, 70.02it/s]
Training Step:  37%|          | 37398/100000 [08:23<15:05, 69.16it/s]
Training Step:  37%|          | 37406/100000 [08:23<15:15, 68.39it/s]
Training Step:  37%|          | 37413/100000 [08:23<15:14,
68.46it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:  37%|          | 37420/100000 [08:23<16:41, 62.50it/s]
Training Step:  37%|          | 37428/100000 [08:23<15:49, 65.89it/s]
Training Step:  37%|          | 37436/100000 [08:23<15:02, 69.33it/s]
Training Step:  37%|          | 37444/100000 [08:24<14:35, 71.49it/s]
Training Step:  37%|          | 37452/100000 [08:24<14:13,
73.27it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

Training Step:  37%|          | 37460/100000 [08:24<16:30, 63.13it/s]
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Training Step:   37%|           | 37468/100000 [08:24<15:48, 65.92it/s]
Training Step:   37%|           | 37476/100000 [08:24<15:26, 67.50it/s]
Training Step:   37%|           | 37483/100000 [08:24<15:52, 65.62it/s]
Training Step:   37%|           | 37490/100000 [08:24<16:36, 62.76it/s]
Training Step:   37%|           | 37497/100000 [08:24<17:00, 61.27it/s]
Training Step:   38%|           | 37504/100000 [08:25<17:20, 60.08it/s]
Training Step:   38%|           | 37511/100000 [08:25<17:24, 59.85it/s]
Training Step:   38%|           | 37518/100000 [08:25<17:47, 58.52it/s]
Training Step:   38%|           | 37524/100000 [08:25<18:02, 57.70it/s]
Training Step:   38%|           | 37530/100000 [08:25<18:05,
57.55it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:   38%|           | 37536/100000 [08:25<21:30, 48.41it/s]
Training Step:   38%|           | 37545/100000 [08:25<18:03, 57.63it/s]
Training Step:   38%|           | 37554/100000 [08:25<16:21, 63.64it/s]
Training Step:   38%|           | 37561/100000 [08:26<16:16, 63.97it/s]
Training Step:   38%|           | 37568/100000 [08:26<16:55, 61.47it/s]
Training Step:   38%|           | 37575/100000 [08:26<17:19, 60.07it/s]
Training Step:   38%|           | 37582/100000 [08:26<17:41, 58.82it/s]
Training Step:   38%|           | 37588/100000 [08:26<17:35, 59.13it/s]
Training Step:   38%|           | 37594/100000 [08:26<17:39, 58.89it/s]
Training Step:   38%|           | 37600/100000 [08:26<18:06, 57.45it/s]
Training Step:   38%|           | 37606/100000 [08:26<18:02,
57.65it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:   38%|           | 37612/100000 [08:26<20:58, 49.56it/s]
Training Step:   38%|           | 37620/100000 [08:27<18:33, 56.04it/s]
Training Step:   38%|           | 37628/100000 [08:27<16:51, 61.69it/s]
Training Step:   38%|           | 37635/100000 [08:27<17:10, 60.50it/s]
Training Step:   38%|           | 37642/100000 [08:27<17:24, 59.69it/s]
Training Step:   38%|           | 37649/100000 [08:27<17:31, 59.27it/s]
Training Step:   38%|           | 37656/100000 [08:27<17:42, 58.69it/s]
Training Step:   38%|           | 37662/100000 [08:27<17:49, 58.27it/s]
Training Step:   38%|           | 37668/100000 [08:27<17:52, 58.11it/s]
Training Step:   38%|           | 37674/100000 [08:27<18:03, 57.52it/s]
Training Step:   38%|           | 37680/100000 [08:28<17:53,
58.05it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   38%|           | 37686/100000 [08:28<21:39, 47.95it/s]
Training Step:   38%|           | 37694/100000 [08:28<18:44, 55.40it/s]
Training Step:   38%|           | 37702/100000 [08:28<17:08, 60.56it/s]
Training Step:   38%|           | 37709/100000 [08:28<16:30, 62.92it/s]
Training Step:   38%|           | 37716/100000 [08:28<16:53, 61.48it/s]
Training Step:   38%|           | 37723/100000 [08:28<16:56, 61.30it/s]
Training Step:   38%|           | 37730/100000 [08:28<17:31, 59.21it/s]
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Training Step:  38%|              | 37737/100000 [08:29<17:24, 59.61it/s]
Training Step:  38%|              | 37744/100000 [08:29<17:43, 58.54it/s]
Training Step:  38%|              | 37751/100000 [08:29<17:25, 59.52it/s]
Training Step:  38%|              | 37757/100000 [08:29<17:42,
58.56it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  38%|              | 37763/100000 [08:29<21:11, 48.95it/s]
Training Step:  38%|              | 37770/100000 [08:29<19:13, 53.96it/s]
Training Step:  38%|              | 37778/100000 [08:29<17:15, 60.06it/s]
Training Step:  38%|              | 37786/100000 [08:29<16:19, 63.52it/s]
Training Step:  38%|              | 37793/100000 [08:30<16:18, 63.56it/s]
Training Step:  38%|              | 37800/100000 [08:30<16:44, 61.93it/s]
Training Step:  38%|              | 37807/100000 [08:30<16:41, 62.10it/s]
Training Step:  38%|              | 37814/100000 [08:30<16:36, 62.38it/s]
Training Step:  38%|              | 37821/100000 [08:30<16:38, 62.25it/s]
Training Step:  38%|              | 37828/100000 [08:30<16:58, 61.03it/s]
Training Step:  38%|              | 37835/100000 [08:30<16:51, 61.46it/s]
Training Step:  38%|              | 37842/100000 [08:30<17:10, 60.33it/s]
Training Step:  38%|              | 37849/100000 [08:30<16:56, 61.12it/s]
Training Step:  38%|              | 37856/100000 [08:31<17:13, 60.10it/s]
Training Step:  38%|              | 37863/100000 [08:31<17:11, 60.22it/s]
Training Step:  38%|              | 37870/100000 [08:31<17:30, 59.15it/s]
Training Step:  38%|              | 37877/100000 [08:31<17:18,
59.81it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  38%|              | 37883/100000 [08:31<20:04, 51.57it/s]
Training Step:  38%|              | 37891/100000 [08:31<17:57, 57.62it/s]
Training Step:  38%|              | 37899/100000 [08:31<16:24, 63.07it/s]
Training Step:  38%|              | 37906/100000 [08:31<16:37, 62.26it/s]
Training Step:  38%|              | 37913/100000 [08:31<16:46, 61.69it/s]
Training Step:  38%|              | 37920/100000 [08:32<17:24, 59.44it/s]
Training Step:  38%|              | 37927/100000 [08:32<17:30, 59.11it/s]
Training Step:  38%|              | 37933/100000 [08:32<17:53, 57.82it/s]
Training Step:  38%|              | 37939/100000 [08:32<17:53, 57.79it/s]
Training Step:  38%|              | 37945/100000 [08:32<18:03, 57.29it/s]
Training Step:  38%|              | 37951/100000 [08:32<17:54, 57.72it/s]
Training Step:  38%|              | 37957/100000 [08:32<18:04,
57.23it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  38%|              | 37963/100000 [08:32<21:00, 49.21it/s]
Training Step:  38%|              | 37971/100000 [08:33<18:14, 56.66it/s]
Training Step:  38%|              | 37979/100000 [08:33<16:52, 61.24it/s]
Training Step:  38%|              | 37987/100000 [08:33<15:50, 65.26it/s]
Training Step:  38%|              | 37994/100000 [08:33<15:57, 64.77it/s]
Training Step:  38%|              | 38001/100000 [08:33<16:11, 63.82it/s]
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Training Step:   38%|          | 38008/100000 [08:33<15:55, 64.88it/s]
Training Step:   38%|          | 38016/100000 [08:33<15:29,
66.69it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   38%|          | 38023/100000 [08:33<17:37, 58.61it/s]
Training Step:   38%|          | 38031/100000 [08:33<16:09, 63.93it/s]
Training Step:   38%|          | 38039/100000 [08:34<15:20, 67.34it/s]
Training Step:   38%|          | 38047/100000 [08:34<14:58, 68.92it/s]
Training Step:   38%|          | 38055/100000 [08:34<14:46, 69.86it/s]
Training Step:   38%|          | 38063/100000 [08:34<14:36, 70.70it/s]
Training Step:   38%|          | 38071/100000 [08:34<14:44, 69.99it/s]
Training Step:   38%|          | 38079/100000 [08:34<15:21,
67.20it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   38%|          | 38086/100000 [08:34<18:34, 55.53it/s]
Training Step:   38%|          | 38094/100000 [08:34<17:22, 59.36it/s]
Training Step:   38%|          | 38102/100000 [08:35<16:40, 61.86it/s]
Training Step:   38%|          | 38109/100000 [08:35<17:02, 60.55it/s]
Training Step:   38%|          | 38116/100000 [08:35<17:30, 58.90it/s]
Training Step:   38%|          | 38123/100000 [08:35<17:18, 59.60it/s]
Training Step:   38%|          | 38130/100000 [08:35<17:29, 58.94it/s]
Training Step:   38%|          | 38136/100000 [08:35<17:38,
58.47it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   38%|          | 38142/100000 [08:35<19:43, 52.29it/s]
Training Step:   38%|          | 38150/100000 [08:35<17:43, 58.14it/s]
Training Step:   38%|          | 38158/100000 [08:36<16:20, 63.05it/s]
Training Step:   38%|          | 38166/100000 [08:36<15:46, 65.33it/s]
Training Step:   38%|          | 38174/100000 [08:36<15:04, 68.38it/s]
Training Step:   38%|          | 38182/100000 [08:36<15:35, 66.11it/s]
Training Step:   38%|          | 38189/100000 [08:36<15:35, 66.09it/s]
Training Step:   38%|          | 38196/100000 [08:36<15:27, 66.61it/s]
Training Step:   38%|          | 38203/100000 [08:36<15:24, 66.81it/s]
Training Step:   38%|          | 38210/100000 [08:36<15:51, 64.96it/s]
Training Step:   38%|          | 38217/100000 [08:36<15:51, 64.92it/s]
Training Step:   38%|          | 38224/100000 [08:36<16:07,
63.83it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   38%|          | 38231/100000 [08:37<17:32, 58.69it/s]
Training Step:   38%|          | 38239/100000 [08:37<16:03, 64.12it/s]
Training Step:   38%|          | 38247/100000 [08:37<15:19, 67.16it/s]
Training Step:   38%|          | 38254/100000 [08:37<16:01, 64.22it/s]
Training Step:   38%|          | 38261/100000 [08:37<16:16, 63.21it/s]
Training Step:   38%|          | 38268/100000 [08:37<16:45, 61.39it/s]
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Training Step:  38%|            | 38275/100000 [08:37<17:11, 59.82it/s]
Training Step:  38%|            | 38282/100000 [08:37<17:33, 58.60it/s]
Training Step:  38%|            | 38288/100000 [08:38<17:34, 58.51it/s]
Training Step:  38%|            | 38294/100000 [08:38<17:33, 58.60it/s]
Training Step:  38%|            | 38300/100000 [08:38<17:43,
58.02it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  38%|            | 38306/100000 [08:38<19:43, 52.14it/s]
Training Step:  38%|            | 38314/100000 [08:38<17:28, 58.85it/s]
Training Step:  38%|            | 38322/100000 [08:38<15:55, 64.57it/s]
Training Step:  38%|            | 38330/100000 [08:38<15:20, 67.02it/s]
Training Step:  38%|            | 38338/100000 [08:38<15:04, 68.17it/s]
Training Step:  38%|            | 38345/100000 [08:38<15:05, 68.11it/s]
Training Step:  38%|            | 38352/100000 [08:39<15:03, 68.26it/s]
Training Step:  38%|            | 38360/100000 [08:39<15:05, 68.10it/s]
Training Step:  38%|            | 38368/100000 [08:39<15:01, 68.38it/s]
Training Step:  38%|            | 38375/100000 [08:39<15:15,
67.33it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  38%|            | 38382/100000 [08:39<17:59, 57.09it/s]
Training Step:  38%|            | 38390/100000 [08:39<16:37, 61.74it/s]
Training Step:  38%|            | 38397/100000 [08:39<16:21, 62.75it/s]
Training Step:  38%|            | 38404/100000 [08:39<16:38,
61.72it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  38%|            | 38411/100000 [08:40<20:13, 50.74it/s]
Training Step:  38%|            | 38419/100000 [08:40<18:06, 56.68it/s]
Training Step:  38%|            | 38428/100000 [08:40<16:19, 62.88it/s]
Training Step:  38%|            | 38436/100000 [08:40<15:36, 65.72it/s]
Training Step:  38%|            | 38443/100000 [08:40<15:35, 65.81it/s]
Training Step:  38%|            | 38451/100000 [08:40<15:05, 67.99it/s]
Training Step:  38%|            | 38458/100000 [08:40<15:12, 67.43it/s]
Training Step:  38%|            | 38466/100000 [08:40<14:51, 69.00it/s]
Training Step:  38%|            | 38474/100000 [08:40<14:42, 69.73it/s]
Training Step:  38%|            | 38482/100000 [08:41<14:29, 70.75it/s]
Training Step:  38%|            | 38490/100000 [08:41<14:43,
69.64it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  38%|            | 38498/100000 [08:41<17:31, 58.51it/s]
Training Step:  39%|            | 38506/100000 [08:41<16:19, 62.77it/s]
Training Step:  39%|            | 38514/100000 [08:41<15:43, 65.15it/s]
Training Step:  39%|            | 38522/100000 [08:41<15:32, 65.93it/s]
Training Step:  39%|            | 38529/100000 [08:41<16:00, 63.98it/s]
Training Step:  39%|            | 38536/100000 [08:41<16:26, 62.29it/s]
```

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Training Step:   39%|            | 38543/100000 [08:42<16:40, 61.41it/s]
Training Step:   39%|            | 38550/100000 [08:42<17:15, 59.33it/s]
Training Step:   39%|            | 38556/100000 [08:42<17:16,
59.31it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   39%|            | 38562/100000 [08:42<19:58, 51.25it/s]
Training Step:   39%|            | 38570/100000 [08:42<17:34, 58.28it/s]
Training Step:   39%|            | 38578/100000 [08:42<16:12, 63.15it/s]
Training Step:   39%|            | 38586/100000 [08:42<15:19, 66.80it/s]
Training Step:   39%|            | 38594/100000 [08:42<15:00, 68.18it/s]
Training Step:   39%|            | 38602/100000 [08:42<14:50, 68.97it/s]
Training Step:   39%|            | 38610/100000 [08:43<14:43, 69.52it/s]
Training Step:   39%|            | 38618/100000 [08:43<14:26, 70.84it/s]
Training Step:   39%|            | 38626/100000 [08:43<14:28, 70.64it/s]
Training Step:   39%|            | 38634/100000 [08:43<14:37, 69.94it/s]
Training Step:   39%|            | 38642/100000 [08:43<14:52,
68.74it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
out_of_road.

Training Step:   39%|            | 38649/100000 [08:43<16:40, 61.30it/s]
Training Step:   39%|            | 38658/100000 [08:43<15:23, 66.42it/s]
Training Step:   39%|            | 38666/100000 [08:43<14:38, 69.78it/s]
Training Step:   39%|            | 38674/100000 [08:44<14:23, 71.01it/s]
Training Step:   39%|            | 38682/100000 [08:44<14:15, 71.70it/s]
Training Step:   39%|            | 38690/100000 [08:44<14:06, 72.40it/s]
Training Step:   39%|            | 38698/100000 [08:44<13:49, 73.90it/s]
Training Step:   39%|            | 38706/100000 [08:44<14:11, 72.00it/s]
Training Step:   39%|            | 38714/100000 [08:44<14:18, 71.41it/s]
Training Step:   39%|            | 38722/100000 [08:44<14:31, 70.29it/s]
Training Step:   39%|            | 38730/100000 [08:44<14:32, 70.25it/s]
Training Step:   39%|            | 38738/100000 [08:44<14:46, 69.14it/s]
Training Step:   39%|            | 38745/100000 [08:45<14:52, 68.63it/s]
Training Step:   39%|            | 38752/100000 [08:45<15:26, 66.08it/s]
Training Step:   39%|            | 38759/100000 [08:45<15:34,
65.54it/s][INFO] Episode ended! Scenario Index: 1013 Reason: crash
vehicle

Training Step:   39%|            | 38766/100000 [08:45<18:32, 55.05it/s]
Training Step:   39%|            | 38774/100000 [08:45<17:05, 59.71it/s]
Training Step:   39%|            | 38782/100000 [08:45<15:50, 64.40it/s]
Training Step:   39%|            | 38790/100000 [08:45<15:28, 65.92it/s]
Training Step:   39%|            | 38797/100000 [08:45<15:32, 65.60it/s]
Training Step:   39%|            | 38804/100000 [08:45<15:36, 65.38it/s]
Training Step:   39%|            | 38812/100000 [08:46<15:05,
67.55it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.
```

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Training Step:   39%|        | 38819/100000 [08:46<17:30, 58.22it/s]
Training Step:   39%|        | 38827/100000 [08:46<16:21, 62.30it/s]
Training Step:   39%|        | 38834/100000 [08:46<16:13, 62.84it/s]
Training Step:   39%|        | 38841/100000 [08:46<16:22, 62.26it/s]
Training Step:   39%|        | 38848/100000 [08:46<17:08, 59.48it/s]
Training Step:   39%|        | 38855/100000 [08:46<17:15, 59.06it/s]
Training Step:   39%|        | 38861/100000 [08:46<17:37, 57.80it/s]
Training Step:   39%|        | 38868/100000 [08:47<17:42, 57.52it/s]
Training Step:   39%|        | 38874/100000 [08:47<17:36,
57.87it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:   39%|        | 38880/100000 [08:47<20:11, 50.46it/s]
Training Step:   39%|        | 38888/100000 [08:47<18:15, 55.79it/s]
Training Step:   39%|        | 38896/100000 [08:47<16:37, 61.24it/s]
Training Step:   39%|        | 38904/100000 [08:47<15:59, 63.69it/s]
Training Step:   39%|        | 38912/100000 [08:47<15:28, 65.77it/s]
Training Step:   39%|        | 38920/100000 [08:47<15:05, 67.43it/s]
Training Step:   39%|        | 38928/100000 [08:48<14:59, 67.89it/s]
Training Step:   39%|        | 38936/100000 [08:48<14:52, 68.39it/s]
Training Step:   39%|        | 38943/100000 [08:48<14:56, 68.09it/s]
Training Step:   39%|        | 38950/100000 [08:48<15:48, 64.34it/s]
Training Step:   39%|        | 38957/100000 [08:48<15:54,
63.97it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   39%|        | 38964/100000 [08:48<17:47, 57.18it/s]
Training Step:   39%|        | 38973/100000 [08:48<15:50, 64.20it/s]
Training Step:   39%|        | 38981/100000 [08:48<15:12, 66.89it/s]
Training Step:   39%|        | 38989/100000 [08:48<14:35, 69.68it/s]
Training Step:   39%|        | 38997/100000 [08:49<14:19, 70.96it/s]
Training Step:   39%|        | 39005/100000 [08:49<14:08, 71.87it/s]
Training Step:   39%|        | 39013/100000 [08:49<13:56, 72.92it/s]
Training Step:   39%|        | 39021/100000 [08:49<13:45, 73.87it/s]
Training Step:   39%|        | 39029/100000 [08:49<13:40, 74.35it/s]
Training Step:   39%|        | 39037/100000 [08:49<13:36, 74.68it/s]
Training Step:   39%|        | 39045/100000 [08:49<13:47, 73.67it/s]
Training Step:   39%|        | 39053/100000 [08:49<13:50,
73.39it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:   39%|        | 39061/100000 [08:49<15:58, 63.58it/s]
Training Step:   39%|        | 39069/100000 [08:50<15:01, 67.59it/s]
Training Step:   39%|        | 39077/100000 [08:50<14:21, 70.70it/s]
Training Step:   39%|        | 39085/100000 [08:50<14:03, 72.25it/s]
Training Step:   39%|        | 39093/100000 [08:50<13:56, 72.79it/s]
Training Step:   39%|        | 39101/100000 [08:50<13:45, 73.78it/s]
Training Step:   39%|        | 39109/100000 [08:50<13:32, 74.90it/s]
```

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Training Step:  39%|          | 39117/100000 [08:50<13:35, 74.66it/s]
Training Step:  39%|          | 39125/100000 [08:50<13:41, 74.07it/s]
Training Step:  39%|          | 39133/100000 [08:50<13:41, 74.07it/s]
Training Step:  39%|          | 39141/100000 [08:51<13:55,
72.86it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  39%|          | 39149/100000 [08:51<16:25, 61.72it/s]
Training Step:  39%|          | 39157/100000 [08:51<15:20, 66.10it/s]
Training Step:  39%|          | 39164/100000 [08:51<15:08, 66.94it/s]
Training Step:  39%|          | 39171/100000 [08:51<15:21, 65.98it/s]
Training Step:  39%|          | 39178/100000 [08:51<15:31, 65.29it/s]
Training Step:  39%|          | 39185/100000 [08:51<15:38, 64.80it/s]
Training Step:  39%|          | 39192/100000 [08:51<15:48, 64.11it/s]
Training Step:  39%|          | 39199/100000 [08:51<15:47,
64.14it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  39%|          | 39206/100000 [08:52<18:37, 54.41it/s]
Training Step:  39%|          | 39214/100000 [08:52<16:40, 60.75it/s]
Training Step:  39%|          | 39223/100000 [08:52<15:07, 66.99it/s]
Training Step:  39%|          | 39231/100000 [08:52<14:24, 70.29it/s]
Training Step:  39%|          | 39239/100000 [08:52<14:06, 71.78it/s]
Training Step:  39%|          | 39247/100000 [08:52<13:58, 72.46it/s]
Training Step:  39%|          | 39255/100000 [08:52<13:48, 73.34it/s]
Training Step:  39%|          | 39263/100000 [08:52<13:41,
73.97it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  39%|          | 39271/100000 [08:53<15:57, 63.42it/s]
Training Step:  39%|          | 39279/100000 [08:53<15:13, 66.45it/s]
Training Step:  39%|          | 39287/100000 [08:53<14:56, 67.75it/s]
Training Step:  39%|          | 39294/100000 [08:53<15:17, 66.15it/s]
Training Step:  39%|          | 39301/100000 [08:53<15:21, 65.85it/s]
Training Step:  39%|          | 39308/100000 [08:53<15:40, 64.51it/s]
Training Step:  39%|          | 39315/100000 [08:53<15:24, 65.65it/s]
Training Step:  39%|          | 39322/100000 [08:53<15:35, 64.87it/s]
Training Step:  39%|          | 39329/100000 [08:53<15:22, 65.75it/s]
Training Step:  39%|          | 39336/100000 [08:54<15:41,
64.40it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:  39%|          | 39343/100000 [08:54<17:28, 57.86it/s]
Training Step:  39%|          | 39351/100000 [08:54<16:00, 63.12it/s]
Training Step:  39%|          | 39359/100000 [08:54<15:00, 67.31it/s]
Training Step:  39%|          | 39367/100000 [08:54<14:30, 69.66it/s]
Training Step:  39%|          | 39375/100000 [08:54<14:07, 71.55it/s]
Training Step:  39%|          | 39383/100000 [08:54<13:51, 72.91it/s]
```

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Training Step:  39%|          | 39391/100000 [08:54<13:42,
73.67it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.

Training Step:  39%|          | 39399/100000 [08:54<15:56, 63.35it/s]
Training Step:  39%|          | 39407/100000 [08:55<15:05, 66.92it/s]
Training Step:  39%|          | 39415/100000 [08:55<14:39, 68.92it/s]
Training Step:  39%|          | 39423/100000 [08:55<14:31, 69.48it/s]
Training Step:  39%|          | 39431/100000 [08:55<14:33, 69.32it/s]
Training Step:  39%|          | 39439/100000 [08:55<14:43, 68.53it/s]
Training Step:  39%|          | 39446/100000 [08:55<14:48,
68.17it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  39%|          | 39453/100000 [08:55<17:24, 57.98it/s]
Training Step:  39%|          | 39461/100000 [08:55<16:17, 61.92it/s]
Training Step:  39%|          | 39468/100000 [08:56<15:45, 64.00it/s]
Training Step:  39%|          | 39476/100000 [08:56<15:26, 65.32it/s]
Training Step:  39%|          | 39483/100000 [08:56<16:14, 62.07it/s]
Training Step:  39%|          | 39490/100000 [08:56<16:37, 60.65it/s]
Training Step:  39%|          | 39497/100000 [08:56<17:01, 59.22it/s]
Training Step:  40%|          | 39503/100000 [08:56<17:14,
58.51it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  40%|          | 39509/100000 [08:56<21:33, 46.75it/s]
Training Step:  40%|          | 39517/100000 [08:56<18:50, 53.50it/s]
Training Step:  40%|          | 39525/100000 [08:57<17:04, 59.01it/s]
Training Step:  40%|          | 39532/100000 [08:57<16:35, 60.74it/s]
Training Step:  40%|          | 39539/100000 [08:57<16:22, 61.57it/s]
Training Step:  40%|          | 39546/100000 [08:57<16:38, 60.57it/s]
Training Step:  40%|          | 39553/100000 [08:57<16:26, 61.29it/s]
Training Step:  40%|          | 39560/100000 [08:57<16:12, 62.14it/s]
Training Step:  40%|          | 39567/100000 [08:57<16:14, 61.99it/s]
Training Step:  40%|          | 39574/100000 [08:57<16:28, 61.15it/s]
Training Step:  40%|          | 39581/100000 [08:57<16:33,
60.82it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  40%|          | 39588/100000 [08:58<18:42, 53.83it/s]
Training Step:  40%|          | 39596/100000 [08:58<16:44, 60.16it/s]
Training Step:  40%|          | 39605/100000 [08:58<15:02, 66.89it/s]
Training Step:  40%|          | 39612/100000 [08:58<14:51,
67.73it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  40%|          | 39619/100000 [08:58<17:29, 57.52it/s]
Training Step:  40%|          | 39627/100000 [08:58<16:01, 62.82it/s]
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Training Step:   40%|           | 39635/100000 [08:58<14:56, 67.32it/s]
Training Step:   40%|           | 39643/100000 [08:58<14:36, 68.90it/s]
Training Step:   40%|           | 39651/100000 [08:58<14:42, 68.38it/s]
Training Step:   40%|           | 39658/100000 [08:59<15:05, 66.65it/s]
Training Step:   40%|           | 39665/100000 [08:59<15:10,
66.30it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:   40%|           | 39672/100000 [08:59<18:17, 54.99it/s]
Training Step:   40%|           | 39680/100000 [08:59<16:53, 59.50it/s]
Training Step:   40%|           | 39688/100000 [08:59<15:55, 63.10it/s]
Training Step:   40%|           | 39695/100000 [08:59<15:43, 63.90it/s]
Training Step:   40%|           | 39702/100000 [08:59<16:19, 61.57it/s]
Training Step:   40%|           | 39709/100000 [08:59<16:29, 60.91it/s]
Training Step:   40%|           | 39716/100000 [09:00<16:43, 60.08it/s]
Training Step:   40%|           | 39723/100000 [09:00<16:21, 61.41it/s]
Training Step:   40%|           | 39730/100000 [09:00<16:34, 60.62it/s]
Training Step:   40%|           | 39737/100000 [09:00<16:22,
61.33it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:   40%|           | 39744/100000 [09:00<19:01, 52.79it/s]
Training Step:   40%|           | 39752/100000 [09:00<17:08, 58.55it/s]
Training Step:   40%|           | 39760/100000 [09:00<16:12, 61.97it/s]
Training Step:   40%|           | 39768/100000 [09:00<15:38, 64.16it/s]
Training Step:   40%|           | 39776/100000 [09:01<15:18, 65.57it/s]
Training Step:   40%|           | 39783/100000 [09:01<15:04, 66.57it/s]
Training Step:   40%|           | 39790/100000 [09:01<14:54, 67.33it/s]
Training Step:   40%|           | 39798/100000 [09:01<14:49, 67.66it/s]
Training Step:   40%|           | 39806/100000 [09:01<14:51, 67.52it/s]
Training Step:   40%|           | 39813/100000 [09:01<15:16, 65.69it/s]
Training Step:   40%|           | 39820/100000 [09:01<15:49,
63.40it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:   40%|           | 39827/100000 [09:01<18:40, 53.72it/s]
Training Step:   40%|           | 39834/100000 [09:01<17:38, 56.82it/s]
Training Step:   40%|           | 39842/100000 [09:02<16:41, 60.04it/s]
Training Step:   40%|           | 39849/100000 [09:02<16:18, 61.48it/s]
Training Step:   40%|           | 39856/100000 [09:02<16:37, 60.30it/s]
Training Step:   40%|           | 39863/100000 [09:02<16:27, 60.93it/s]
Training Step:   40%|           | 39870/100000 [09:02<16:27, 60.91it/s]
Training Step:   40%|           | 39877/100000 [09:02<16:17, 61.53it/s]
Training Step:   40%|           | 39884/100000 [09:02<17:44, 56.47it/s]
Training Step:   40%|           | 39890/100000 [09:02<17:33, 57.08it/s]
Training Step:   40%|           | 39896/100000 [09:03<17:32, 57.10it/s]
Training Step:   40%|           | 39902/100000 [09:03<17:32,
57.11it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
```

out_of_road.

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Training Step:  40%|            | 39908/100000 [09:03<19:39, 50.94it/s]
Training Step:  40%|            | 39916/100000 [09:03<17:31, 57.13it/s]
Training Step:  40%|            | 39924/100000 [09:03<16:00, 62.54it/s]
Training Step:  40%|            | 39931/100000 [09:03<15:42, 63.70it/s]
Training Step:  40%|            | 39938/100000 [09:03<16:21, 61.20it/s]
Training Step:  40%|            | 39945/100000 [09:03<16:20, 61.25it/s]
Training Step:  40%|            | 39952/100000 [09:03<16:29, 60.66it/s]
Training Step:  40%|            | 39959/100000 [09:04<16:05, 62.18it/s]
Training Step:  40%|            | 39966/100000 [09:04<16:22,
61.13it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  40%|            | 39973/100000 [09:04<18:58, 52.73it/s]
Training Step:  40%|            | 39980/100000 [09:04<17:38, 56.71it/s]
Training Step:  40%|            | 39988/100000 [09:04<16:20, 61.19it/s]
Training Step:  40%|            | 39995/100000 [09:04<16:09, 61.88it/s]
Training Step:  40%|            | 40002/100000 [09:04<16:44, 59.73it/s]
Training Step:  40%|            | 40009/100000 [09:04<16:33, 60.36it/s]
Training Step:  40%|            | 40016/100000 [09:05<16:32, 60.47it/s]
Training Step:  40%|            | 40023/100000 [09:05<16:19, 61.22it/s]
Training Step:  40%|            | 40030/100000 [09:05<16:26, 60.80it/s]
Training Step:  40%|            | 40037/100000 [09:05<16:10, 61.78it/s]
Training Step:  40%|            | 40044/100000 [09:05<16:22,
61.02it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  40%|            | 40051/100000 [09:05<18:39, 53.57it/s]
Training Step:  40%|            | 40059/100000 [09:05<16:57, 58.93it/s]
Training Step:  40%|            | 40067/100000 [09:05<15:38, 63.85it/s]
Training Step:  40%|            | 40074/100000 [09:06<16:23, 60.94it/s]
Training Step:  40%|            | 40081/100000 [09:06<16:28, 60.61it/s]
Training Step:  40%|            | 40088/100000 [09:06<16:39, 59.93it/s]
Training Step:  40%|            | 40095/100000 [09:06<16:22,
60.97it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  40%|            | 40102/100000 [09:06<19:15, 51.85it/s]
Training Step:  40%|            | 40110/100000 [09:06<17:18, 57.67it/s]
Training Step:  40%|            | 40118/100000 [09:06<16:08, 61.81it/s]
Training Step:  40%|            | 40127/100000 [09:06<14:44, 67.72it/s]
Training Step:  40%|            | 40135/100000 [09:06<14:12, 70.24it/s]
Training Step:  40%|            | 40143/100000 [09:07<13:52, 71.93it/s]
Training Step:  40%|            | 40151/100000 [09:07<13:40, 72.96it/s]
Training Step:  40%|            | 40160/100000 [09:07<13:22, 74.60it/s]
Training Step:  40%|            | 40168/100000 [09:07<13:17, 75.06it/s]
Training Step:  40%|            | 40176/100000 [09:07<13:28, 73.95it/s]
```

```
Training Step:  40%|          | 40184/100000 [09:07<13:21, 74.60it/s]
Training Step:  40%|          | 40192/100000 [09:07<13:34,
73.43it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  40%|          | 40200/100000 [09:07<15:33, 64.06it/s]
Training Step:  40%|          | 40208/100000 [09:07<14:48, 67.26it/s]
Training Step:  40%|          | 40216/100000 [09:08<14:44, 67.59it/s]
Training Step:  40%|          | 40223/100000 [09:08<14:50, 67.16it/s]
Training Step:  40%|          | 40230/100000 [09:08<15:18, 65.10it/s]
Training Step:  40%|          | 40237/100000 [09:08<15:16, 65.19it/s]
Training Step:  40%|          | 40244/100000 [09:08<15:45, 63.21it/s]
Training Step:  40%|          | 40251/100000 [09:08<15:48, 63.00it/s]
Training Step:  40%|          | 40258/100000 [09:08<16:02, 62.05it/s]
Training Step:  40%|          | 40265/100000 [09:08<15:55, 62.55it/s]
Training Step:  40%|          | 40272/100000 [09:09<16:16, 61.14it/s]
Training Step:  40%|          | 40279/100000 [09:09<15:50, 62.86it/s]
Training Step:  40%|          | 40286/100000 [09:09<15:49,
62.92it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  40%|          | 40293/100000 [09:09<18:54, 52.63it/s]
Training Step:  40%|          | 40300/100000 [09:09<17:40, 56.30it/s]
Training Step:  40%|          | 40308/100000 [09:09<16:19, 60.96it/s]
Training Step:  40%|          | 40315/100000 [09:09<16:19, 60.94it/s]
Training Step:  40%|          | 40322/100000 [09:09<16:54, 58.81it/s]
Training Step:  40%|          | 40329/100000 [09:09<17:07, 58.09it/s]
Training Step:  40%|          | 40335/100000 [09:10<17:11, 57.84it/s]
Training Step:  40%|          | 40341/100000 [09:10<17:25,
57.04it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  40%|          | 40347/100000 [09:10<19:37, 50.68it/s]
Training Step:  40%|          | 40355/100000 [09:10<17:29, 56.83it/s]
Training Step:  40%|          | 40363/100000 [09:10<16:17, 60.98it/s]
Training Step:  40%|          | 40370/100000 [09:10<16:48, 59.13it/s]
Training Step:  40%|          | 40377/100000 [09:10<17:04, 58.17it/s]
Training Step:  40%|          | 40383/100000 [09:10<17:33, 56.59it/s]
Training Step:  40%|          | 40389/100000 [09:11<18:02, 55.05it/s]
Training Step:  40%|          | 40395/100000 [09:11<17:51, 55.61it/s]
Training Step:  40%|          | 40401/100000 [09:11<17:52, 55.59it/s]
Training Step:  40%|          | 40407/100000 [09:11<17:49, 55.73it/s]
Training Step:  40%|          | 40413/100000 [09:11<18:36, 53.35it/s]
Training Step:  40%|          | 40419/100000 [09:11<19:07,
51.92it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  40%|          | 40425/100000 [09:11<21:24, 46.38it/s]
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Training Step:  40%|              | 40433/100000 [09:11<18:33, 53.49it/s]
Training Step:  40%|              | 40441/100000 [09:12<16:43, 59.38it/s]
Training Step:  40%|              | 40448/100000 [09:12<16:53, 58.77it/s]
Training Step:  40%|              | 40455/100000 [09:12<16:45, 59.23it/s]
Training Step:  40%|              | 40462/100000 [09:12<16:47, 59.11it/s]
Training Step:  40%|              | 40468/100000 [09:12<16:53, 58.72it/s]
Training Step:  40%|              | 40474/100000 [09:12<16:55,
58.59it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.

Training Step:  40%|              | 40480/100000 [09:12<19:51, 49.94it/s]
Training Step:  40%|              | 40488/100000 [09:12<17:17, 57.37it/s]
Training Step:  40%|              | 40496/100000 [09:12<15:49, 62.69it/s]
Training Step:  41%|              | 40503/100000 [09:13<15:37, 63.47it/s]
Training Step:  41%|              | 40510/100000 [09:13<15:56, 62.18it/s]
Training Step:  41%|              | 40517/100000 [09:13<16:21, 60.60it/s]
Training Step:  41%|              | 40524/100000 [09:13<16:51,
58.82it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  41%|              | 40530/100000 [09:13<19:38, 50.48it/s]
Training Step:  41%|              | 40538/100000 [09:13<17:36, 56.30it/s]
Training Step:  41%|              | 40546/100000 [09:13<16:06, 61.52it/s]
Training Step:  41%|              | 40554/100000 [09:13<15:37, 63.38it/s]
Training Step:  41%|              | 40561/100000 [09:14<15:56, 62.17it/s]
Training Step:  41%|              | 40568/100000 [09:14<16:11, 61.17it/s]
Training Step:  41%|              | 40575/100000 [09:14<16:17, 60.77it/s]
Training Step:  41%|              | 40582/100000 [09:14<16:32, 59.88it/s]
Training Step:  41%|              | 40589/100000 [09:14<16:47, 58.97it/s]
Training Step:  41%|              | 40595/100000 [09:14<16:48, 58.93it/s]
Training Step:  41%|              | 40601/100000 [09:14<16:53,
58.58it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  41%|              | 40607/100000 [09:14<19:06, 51.79it/s]
Training Step:  41%|              | 40616/100000 [09:14<16:25, 60.26it/s]
Training Step:  41%|              | 40625/100000 [09:15<14:47, 66.90it/s]
Training Step:  41%|              | 40633/100000 [09:15<14:07, 70.07it/s]
Training Step:  41%|              | 40641/100000 [09:15<14:56, 66.20it/s]
Training Step:  41%|              | 40648/100000 [09:15<14:47, 66.86it/s]
Training Step:  41%|              | 40656/100000 [09:15<14:41,
67.34it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  41%|              | 40663/100000 [09:15<16:43, 59.12it/s]
Training Step:  41%|              | 40670/100000 [09:15<16:08, 61.25it/s]
Training Step:  41%|              | 40678/100000 [09:15<15:22, 64.32it/s]
Training Step:  41%|              | 40686/100000 [09:16<14:53, 66.39it/s]
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Training Step:   41%|           | 40693/100000 [09:16<14:54, 66.29it/s]
Training Step:   41%|           | 40700/100000 [09:16<15:17, 64.64it/s]
Training Step:   41%|           | 40707/100000 [09:16<15:16, 64.69it/s]
Training Step:   41%|           | 40714/100000 [09:16<16:03, 61.56it/s]
Training Step:   41%|           | 40721/100000 [09:16<16:11, 61.04it/s]
Training Step:   41%|           | 40728/100000 [09:16<16:31, 59.75it/s]
Training Step:   41%|           | 40735/100000 [09:16<16:21, 60.38it/s]
Training Step:   41%|           | 40742/100000 [09:16<17:01,
57.99it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:   41%|           | 40748/100000 [09:17<19:44, 50.03it/s]
Training Step:   41%|           | 40755/100000 [09:17<18:10, 54.33it/s]
Training Step:   41%|           | 40763/100000 [09:17<16:32, 59.66it/s]
Training Step:   41%|           | 40771/100000 [09:17<15:23, 64.16it/s]
Training Step:   41%|           | 40778/100000 [09:17<16:38, 59.32it/s]
Training Step:   41%|           | 40785/100000 [09:17<17:25,
56.62it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   41%|           | 40791/100000 [09:17<19:25, 50.79it/s]
Training Step:   41%|           | 40800/100000 [09:17<17:05, 57.74it/s]
Training Step:   41%|           | 40808/100000 [09:18<16:05, 61.29it/s]
Training Step:   41%|           | 40815/100000 [09:18<15:50, 62.25it/s]
Training Step:   41%|           | 40822/100000 [09:18<16:04, 61.38it/s]
Training Step:   41%|           | 40829/100000 [09:18<15:56, 61.86it/s]
Training Step:   41%|           | 40836/100000 [09:18<16:20, 60.32it/s]
Training Step:   41%|           | 40843/100000 [09:18<16:18, 60.48it/s]
Training Step:   41%|           | 40850/100000 [09:18<16:11, 60.91it/s]
Training Step:   41%|           | 40857/100000 [09:18<16:18,
60.43it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:   41%|           | 40864/100000 [09:19<19:33, 50.41it/s]
Training Step:   41%|           | 40872/100000 [09:19<17:30, 56.30it/s]
Training Step:   41%|           | 40880/100000 [09:19<16:05, 61.26it/s]
Training Step:   41%|           | 40887/100000 [09:19<15:30, 63.52it/s]
Training Step:   41%|           | 40894/100000 [09:19<15:15, 64.57it/s]
Training Step:   41%|           | 40901/100000 [09:19<14:54, 66.07it/s]
Training Step:   41%|           | 40908/100000 [09:19<14:59, 65.70it/s]
Training Step:   41%|           | 40915/100000 [09:19<14:57, 65.80it/s]
Training Step:   41%|           | 40922/100000 [09:19<15:14, 64.60it/s]
Training Step:   41%|           | 40929/100000 [09:20<15:12,
64.74it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:   41%|           | 40936/100000 [09:20<17:55, 54.90it/s]
Training Step:   41%|           | 40944/100000 [09:20<16:17, 60.44it/s]
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Training Step:   41%|          | 40952/100000 [09:20<15:12, 64.71it/s]
Training Step:   41%|          | 40960/100000 [09:20<14:34, 67.55it/s]
Training Step:   41%|          | 40968/100000 [09:20<14:14, 69.07it/s]
Training Step:   41%|          | 40976/100000 [09:20<14:10, 69.40it/s]
Training Step:   41%|          | 40984/100000 [09:20<14:05, 69.82it/s]
Training Step:   41%|          | 40992/100000 [09:21<14:08, 69.56it/s]
Training Step:   41%|          | 41000/100000 [09:21<14:14, 69.02it/s]
Training Step:   41%|          | 41007/100000 [09:21<14:27, 67.99it/s]
Training Step:   41%|          | 41014/100000 [09:21<14:41, 66.89it/s]
Training Step:   41%|          | 41021/100000 [09:21<14:33, 67.56it/s]
Training Step:   41%|          | 41028/100000 [09:21<14:46, 66.56it/s]
Training Step:   41%|          | 41035/100000 [09:21<14:47,
66.40it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:   41%|          | 41042/100000 [09:21<17:26, 56.36it/s]
Training Step:   41%|          | 41050/100000 [09:21<15:50, 62.04it/s]
Training Step:   41%|          | 41058/100000 [09:22<14:47, 66.45it/s]
Training Step:   41%|          | 41066/100000 [09:22<14:30, 67.72it/s]
Training Step:   41%|          | 41074/100000 [09:22<14:16, 68.80it/s]
Training Step:   41%|          | 41082/100000 [09:22<14:02, 69.95it/s]
Training Step:   41%|          | 41090/100000 [09:22<13:56, 70.39it/s]
Training Step:   41%|          | 41098/100000 [09:22<13:41, 71.66it/s]
Training Step:   41%|          | 41106/100000 [09:22<14:02, 69.89it/s]
Training Step:   41%|          | 41114/100000 [09:22<14:14, 68.89it/s]
Training Step:   41%|          | 41121/100000 [09:22<14:34,
67.36it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   41%|          | 41128/100000 [09:23<16:58, 57.81it/s]
Training Step:   41%|          | 41136/100000 [09:23<15:45, 62.25it/s]
Training Step:   41%|          | 41144/100000 [09:23<14:58, 65.49it/s]
Training Step:   41%|          | 41151/100000 [09:23<15:22, 63.81it/s]
Training Step:   41%|          | 41158/100000 [09:23<16:15, 60.31it/s]
Training Step:   41%|          | 41165/100000 [09:23<16:37, 59.00it/s]
Training Step:   41%|          | 41171/100000 [09:23<16:48, 58.35it/s]
Training Step:   41%|          | 41177/100000 [09:23<16:56, 57.86it/s]
Training Step:   41%|          | 41183/100000 [09:24<17:13, 56.89it/s]
Training Step:   41%|          | 41189/100000 [09:24<17:17, 56.66it/s]
Training Step:   41%|          | 41195/100000 [09:24<17:23, 56.33it/s]
Training Step:   41%|          | 41201/100000 [09:24<17:50, 54.93it/s]
Training Step:   41%|          | 41207/100000 [09:24<17:59, 54.44it/s]
Training Step:   41%|          | 41213/100000 [09:24<17:57, 54.54it/s]
Training Step:   41%|          | 41219/100000 [09:24<18:21, 53.39it/s]
Training Step:   41%|          | 41225/100000 [09:24<18:08, 54.01it/s]
Training Step:   41%|          | 41231/100000 [09:24<17:44, 55.21it/s]
Training Step:   41%|          | 41237/100000 [09:24<17:42, 55.32it/s]
Training Step:   41%|          | 41243/100000 [09:25<17:52, 54.78it/s]
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Training Step:  41%|           | 41249/100000 [09:25<17:36, 55.62it/s]
Training Step:  41%|           | 41255/100000 [09:25<17:39, 55.45it/s]
Training Step:  41%|           | 41261/100000 [09:25<17:38, 55.48it/s]
Training Step:  41%|           | 41267/100000 [09:25<17:46, 55.05it/s]
Training Step:  41%|           | 41273/100000 [09:25<18:16, 53.57it/s]
Training Step:  41%|           | 41279/100000 [09:25<18:24, 53.15it/s]
Training Step:  41%|           | 41285/100000 [09:25<18:42, 52.30it/s]
Training Step:  41%|           | 41291/100000 [09:26<18:40, 52.40it/s]
Training Step:  41%|           | 41297/100000 [09:26<18:33,
52.74it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  41%|           | 41303/100000 [09:26<19:46, 49.45it/s]
Training Step:  41%|           | 41311/100000 [09:26<17:01, 57.43it/s]
Training Step:  41%|           | 41319/100000 [09:26<15:25, 63.38it/s]
Training Step:  41%|           | 41327/100000 [09:26<14:42, 66.48it/s]
Training Step:  41%|           | 41335/100000 [09:26<14:13, 68.73it/s]
Training Step:  41%|           | 41343/100000 [09:26<13:42, 71.30it/s]
Training Step:  41%|           | 41351/100000 [09:26<13:19, 73.36it/s]
Training Step:  41%|           | 41359/100000 [09:26<13:08, 74.42it/s]
Training Step:  41%|           | 41367/100000 [09:27<13:06, 74.52it/s]
Training Step:  41%|           | 41375/100000 [09:27<13:05, 74.60it/s]
Training Step:  41%|           | 41383/100000 [09:27<13:11, 74.02it/s]
Training Step:  41%|           | 41391/100000 [09:27<13:11,
74.04it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step:  41%|           | 41399/100000 [09:27<15:17, 63.90it/s]
Training Step:  41%|           | 41408/100000 [09:27<14:17, 68.30it/s]
Training Step:  41%|           | 41417/100000 [09:27<13:32, 72.09it/s]
Training Step:  41%|           | 41425/100000 [09:27<13:15, 73.61it/s]
Training Step:  41%|           | 41433/100000 [09:28<13:16, 73.55it/s]
Training Step:  41%|           | 41441/100000 [09:28<13:21, 73.11it/s]
Training Step:  41%|           | 41449/100000 [09:28<13:22, 72.99it/s]
Training Step:  41%|           | 41457/100000 [09:28<13:25, 72.72it/s]
Training Step:  41%|           | 41465/100000 [09:28<13:42, 71.18it/s]
Training Step:  41%|           | 41473/100000 [09:28<14:03, 69.41it/s]
Training Step:  41%|           | 41480/100000 [09:28<14:26,
67.56it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  41%|           | 41487/100000 [09:28<17:19, 56.27it/s]
Training Step:  41%|           | 41494/100000 [09:28<16:22, 59.53it/s]
Training Step:  42%|           | 41502/100000 [09:29<15:21, 63.49it/s]
Training Step:  42%|           | 41509/100000 [09:29<15:18, 63.70it/s]
Training Step:  42%|           | 41516/100000 [09:29<15:47, 61.73it/s]
Training Step:  42%|           | 41523/100000 [09:29<15:48, 61.64it/s]
Training Step:  42%|           | 41530/100000 [09:29<16:02, 60.77it/s]
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Training Step:  42%|          | 41537/100000 [09:29<15:58, 60.97it/s]
Training Step:  42%|          | 41544/100000 [09:29<16:36, 58.66it/s]
Training Step:  42%|          | 41550/100000 [09:29<16:35,
58.70it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
out_of_road.

Training Step:  42%|          | 41556/100000 [09:30<19:45, 49.28it/s]
Training Step:  42%|          | 41564/100000 [09:30<17:39, 55.18it/s]
Training Step:  42%|          | 41572/100000 [09:30<16:17, 59.80it/s]
Training Step:  42%|          | 41580/100000 [09:30<15:32, 62.62it/s]
Training Step:  42%|          | 41587/100000 [09:30<15:16, 63.72it/s]
Training Step:  42%|          | 41594/100000 [09:30<15:02, 64.72it/s]
Training Step:  42%|          | 41601/100000 [09:30<15:21, 63.38it/s]
Training Step:  42%|          | 41608/100000 [09:30<15:17, 63.62it/s]
Training Step:  42%|          | 41615/100000 [09:30<15:07, 64.32it/s]
Training Step:  42%|          | 41622/100000 [09:31<15:23,
63.24it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
out_of_road.

Training Step:  42%|          | 41629/100000 [09:31<18:35, 52.34it/s]
Training Step:  42%|          | 41637/100000 [09:31<16:45, 58.04it/s]
Training Step:  42%|          | 41644/100000 [09:31<16:12, 60.01it/s]
Training Step:  42%|          | 41651/100000 [09:31<15:39, 62.14it/s]
Training Step:  42%|          | 41658/100000 [09:31<16:06, 60.34it/s]
Training Step:  42%|          | 41665/100000 [09:31<15:54, 61.13it/s]
Training Step:  42%|          | 41672/100000 [09:31<16:05, 60.42it/s]
Training Step:  42%|          | 41679/100000 [09:32<16:15, 59.78it/s]
Training Step:  42%|          | 41686/100000 [09:32<16:15,
59.80it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  42%|          | 41693/100000 [09:32<17:59, 54.01it/s]
Training Step:  42%|          | 41701/100000 [09:32<16:04, 60.45it/s]
Training Step:  42%|          | 41708/100000 [09:32<15:35, 62.30it/s]
Training Step:  42%|          | 41715/100000 [09:32<15:39, 62.03it/s]
Training Step:  42%|          | 41722/100000 [09:32<15:42, 61.85it/s]
Training Step:  42%|          | 41729/100000 [09:32<15:24, 63.03it/s]
Training Step:  42%|          | 41736/100000 [09:32<15:34, 62.37it/s]
Training Step:  42%|          | 41743/100000 [09:33<15:25, 62.91it/s]
Training Step:  42%|          | 41750/100000 [09:33<15:43, 61.72it/s]
Training Step:  42%|          | 41757/100000 [09:33<15:31, 62.50it/s]
Training Step:  42%|          | 41764/100000 [09:33<15:33, 62.41it/s]
Training Step:  42%|          | 41771/100000 [09:33<15:35, 62.27it/s]
Training Step:  42%|          | 41778/100000 [09:33<15:43, 61.68it/s]
Training Step:  42%|          | 41785/100000 [09:33<15:45, 61.59it/s]
Training Step:  42%|          | 41792/100000 [09:33<16:08,
60.11it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.
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Training Step:   42%|         | 41799/100000 [09:34<18:06, 53.55it/s]
Training Step:   42%|         | 41807/100000 [09:34<16:20, 59.35it/s]
Training Step:   42%|         | 41815/100000 [09:34<15:13, 63.70it/s]
Training Step:   42%|         | 41822/100000 [09:34<15:51, 61.14it/s]
Training Step:   42%|         | 41829/100000 [09:34<16:19, 59.41it/s]
Training Step:   42%|         | 41836/100000 [09:34<16:41, 58.09it/s]
Training Step:   42%|         | 41842/100000 [09:34<16:48, 57.69it/s]
Training Step:   42%|         | 41848/100000 [09:34<16:53, 57.39it/s]
Training Step:   42%|         | 41854/100000 [09:34<17:02, 56.86it/s]
Training Step:   42%|         | 41860/100000 [09:35<17:03, 56.78it/s]
Training Step:   42%|         | 41866/100000 [09:35<16:57, 57.15it/s]
Training Step:   42%|         | 41872/100000 [09:35<17:16, 56.06it/s]
Training Step:   42%|         | 41878/100000 [09:35<17:24, 55.63it/s]
Training Step:   42%|         | 41884/100000 [09:35<17:44, 54.60it/s]
Training Step:   42%|         | 41890/100000 [09:35<17:49, 54.36it/s]
Training Step:   42%|         | 41896/100000 [09:35<17:42, 54.71it/s]
Training Step:   42%|         | 41902/100000 [09:35<17:48, 54.37it/s]
Training Step:   42%|         | 41908/100000 [09:35<17:50, 54.27it/s]
Training Step:   42%|         | 41914/100000 [09:36<17:34, 55.10it/s]
Training Step:   42%|         | 41920/100000 [09:36<17:45, 54.48it/s]
Training Step:   42%|         | 41926/100000 [09:36<17:51, 54.21it/s]
Training Step:   42%|         | 41932/100000 [09:36<17:46, 54.46it/s]
Training Step:   42%|         | 41938/100000 [09:36<17:57, 53.90it/s]
Training Step:   42%|         | 41944/100000 [09:36<18:02, 53.65it/s]
Training Step:   42%|         | 41950/100000 [09:36<18:16, 52.92it/s]
Training Step:   42%|         | 41956/100000 [09:36<18:21, 52.69it/s]
Training Step:   42%|         | 41962/100000 [09:36<18:18, 52.81it/s]
Training Step:   42%|         | 41968/100000 [09:37<18:14, 53.04it/s]
Training Step:   42%|         | 41974/100000 [09:37<18:02,
53.63it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:   42%|         | 41980/100000 [09:37<18:57, 51.01it/s]
Training Step:   42%|         | 41989/100000 [09:37<15:59, 60.45it/s]
Training Step:   42%|         | 41998/100000 [09:37<14:36, 66.17it/s]
Training Step:   42%|         | 42005/100000 [09:37<14:29, 66.70it/s]
Training Step:   42%|         | 42014/100000 [09:37<13:46, 70.16it/s]
Training Step:   42%|         | 42022/100000 [09:37<13:32, 71.39it/s]
Training Step:   42%|         | 42030/100000 [09:37<13:20, 72.38it/s]
Training Step:   42%|         | 42038/100000 [09:38<13:08, 73.49it/s]
Training Step:   42%|         | 42046/100000 [09:38<13:00, 74.28it/s]
Training Step:   42%|         | 42054/100000 [09:38<13:00, 74.22it/s]
Training Step:   42%|         | 42062/100000 [09:38<12:58, 74.38it/s]
Training Step:   42%|         | 42070/100000 [09:38<12:51, 75.13it/s]
Training Step:   42%|         | 42078/100000 [09:38<13:07, 73.57it/s]
Training Step:   42%|         | 42086/100000 [09:38<13:47, 69.99it/s]
Training Step:   42%|         | 42094/100000 [09:38<13:57,
```

69.14it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
out_of_road.

```
Training Step:  42%|          | 42101/100000 [09:39<16:10, 59.69it/s]
Training Step:  42%|          | 42108/100000 [09:39<15:34, 61.95it/s]
Training Step:  42%|          | 42116/100000 [09:39<14:46, 65.30it/s]
Training Step:  42%|          | 42123/100000 [09:39<15:09, 63.66it/s]
Training Step:  42%|          | 42130/100000 [09:39<15:58, 60.34it/s]
Training Step:  42%|          | 42137/100000 [09:39<16:27, 58.58it/s]
Training Step:  42%|          | 42143/100000 [09:39<16:41, 57.76it/s]
Training Step:  42%|          | 42149/100000 [09:39<17:01, 56.63it/s]
Training Step:  42%|          | 42155/100000 [09:39<17:34, 54.86it/s]
Training Step:  42%|          | 42161/100000 [09:40<17:26, 55.27it/s]
Training Step:  42%|          | 42167/100000 [09:40<17:52, 53.91it/s]
Training Step:  42%|          | 42173/100000 [09:40<18:03, 53.39it/s]
Training Step:  42%|          | 42179/100000 [09:40<18:07, 53.16it/s]
Training Step:  42%|          | 42185/100000 [09:40<18:22, 52.45it/s]
Training Step:  42%|          | 42191/100000 [09:40<18:41, 51.57it/s]
Training Step:  42%|          | 42197/100000 [09:40<18:45, 51.35it/s]
Training Step:  42%|          | 42203/100000 [09:40<18:28, 52.13it/s]
Training Step:  42%|          | 42209/100000 [09:40<18:19, 52.55it/s]
Training Step:  42%|          | 42215/100000 [09:41<18:10, 52.99it/s]
Training Step:  42%|          | 42221/100000 [09:41<18:15, 52.75it/s]
Training Step:  42%|          | 42227/100000 [09:41<17:58, 53.56it/s]
Training Step:  42%|          | 42233/100000 [09:41<17:46, 54.14it/s]
Training Step:  42%|          | 42239/100000 [09:41<17:44, 54.26it/s]
Training Step:  42%|          | 42245/100000 [09:41<17:48, 54.05it/s]
Training Step:  42%|          | 42251/100000 [09:41<17:57, 53.62it/s]
Training Step:  42%|          | 42257/100000 [09:41<18:31, 51.93it/s]
Training Step:  42%|          | 42263/100000 [09:41<18:50,
```
51.08it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

```
Training Step:  42%|          | 42269/100000 [09:42<21:40, 44.39it/s]
Training Step:  42%|          | 42276/100000 [09:42<19:22, 49.64it/s]
Training Step:  42%|          | 42283/100000 [09:42<17:44, 54.24it/s]
Training Step:  42%|          | 42289/100000 [09:42<17:36, 54.60it/s]
Training Step:  42%|          | 42295/100000 [09:42<18:32, 51.87it/s]
Training Step:  42%|          | 42301/100000 [09:42<18:55, 50.80it/s]
Training Step:  42%|          | 42307/100000 [09:42<19:51, 48.41it/s]
Training Step:  42%|          | 42312/100000 [09:42<20:23, 47.14it/s]
Training Step:  42%|          | 42318/100000 [09:43<20:05, 47.87it/s]
Training Step:  42%|          | 42323/100000 [09:43<20:09, 47.68it/s]
Training Step:  42%|          | 42328/100000 [09:43<21:17, 45.16it/s]
Training Step:  42%|          | 42333/100000 [09:43<21:11, 45.36it/s]
Training Step:  42%|          | 42338/100000 [09:43<21:27, 44.80it/s]
Training Step:  42%|          | 42343/100000 [09:43<20:47, 46.20it/s]
Training Step:  42%|          | 42348/100000 [09:43<20:47, 46.23it/s]
```

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Training Step:  42%|          | 42353/100000 [09:43<20:19, 47.28it/s]
Training Step:  42%|          | 42358/100000 [09:43<20:37, 46.60it/s]
Training Step:  42%|          | 42363/100000 [09:44<20:18, 47.29it/s]
Training Step:  42%|          | 42368/100000 [09:44<20:09, 47.66it/s]
Training Step:  42%|          | 42374/100000 [09:44<19:42, 48.74it/s]
Training Step:  42%|          | 42380/100000 [09:44<19:04, 50.33it/s]
Training Step:  42%|          | 42386/100000 [09:44<18:55, 50.76it/s]
Training Step:  42%|          | 42392/100000 [09:44<18:39, 51.47it/s]
Training Step:  42%|          | 42398/100000 [09:44<18:46, 51.14it/s]
Training Step:  42%|          | 42404/100000 [09:44<18:36, 51.59it/s]
Training Step:  42%|          | 42410/100000 [09:45<18:38, 51.50it/s]
Training Step:  42%|          | 42416/100000 [09:45<18:25, 52.11it/s]
Training Step:  42%|          | 42422/100000 [09:45<18:18, 52.40it/s]
Training Step:  42%|          | 42428/100000 [09:45<18:34, 51.65it/s]
Training Step:  42%|          | 42434/100000 [09:45<18:33, 51.68it/s]
Training Step:  42%|          | 42440/100000 [09:45<18:39, 51.42it/s]
Training Step:  42%|          | 42446/100000 [09:45<18:19, 52.32it/s]
Training Step:  42%|          | 42452/100000 [09:45<18:18, 52.41it/s]
Training Step:  42%|          | 42458/100000 [09:45<18:22, 52.21it/s]
Training Step:  42%|          | 42464/100000 [09:46<18:51, 50.87it/s]
Training Step:  42%|          | 42470/100000 [09:46<19:25, 49.36it/s]
Training Step:  42%|          | 42475/100000 [09:46<19:54, 48.14it/s]
Training Step:  42%|          | 42480/100000 [09:46<20:07, 47.62it/s]
Training Step:  42%|          | 42485/100000 [09:46<20:40, 46.35it/s]
Training Step:  42%|          | 42490/100000 [09:46<21:14, 45.12it/s]
Training Step:  42%|          | 42495/100000 [09:46<21:15, 45.10it/s]
Training Step:  42%|          | 42500/100000 [09:46<21:39, 44.26it/s]
Training Step:  43%|          | 42505/100000 [09:46<21:18,
44.96it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  43%|          | 42510/100000 [09:47<23:24, 40.95it/s]
Training Step:  43%|          | 42518/100000 [09:47<19:39, 48.75it/s]
Training Step:  43%|          | 42526/100000 [09:47<17:01, 56.29it/s]
Training Step:  43%|          | 42533/100000 [09:47<16:29, 58.10it/s]
Training Step:  43%|          | 42540/100000 [09:47<16:22, 58.47it/s]
Training Step:  43%|          | 42546/100000 [09:47<16:52, 56.74it/s]
Training Step:  43%|          | 42552/100000 [09:47<16:58, 56.40it/s]
Training Step:  43%|          | 42559/100000 [09:47<16:18, 58.69it/s]
Training Step:  43%|          | 42565/100000 [09:48<16:23, 58.40it/s]
Training Step:  43%|          | 42572/100000 [09:48<16:13, 59.01it/s]
Training Step:  43%|          | 42578/100000 [09:48<16:22, 58.47it/s]
Training Step:  43%|          | 42585/100000 [09:48<16:04, 59.54it/s]
Training Step:  43%|          | 42591/100000 [09:48<16:20, 58.52it/s]
Training Step:  43%|          | 42597/100000 [09:48<16:19, 58.61it/s]
Training Step:  43%|          | 42603/100000 [09:48<16:12, 59.01it/s]
Training Step:  43%|          | 42609/100000 [09:48<16:14, 58.90it/s]
Training Step:  43%|          | 42616/100000 [09:48<16:20, 58.55it/s]
```

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Training Step:  43%|          | 42622/100000 [09:48<16:40, 57.34it/s]
Training Step:  43%|          | 42628/100000 [09:49<16:27, 58.09it/s]
Training Step:  43%|          | 42634/100000 [09:49<16:23, 58.30it/s]
Training Step:  43%|          | 42640/100000 [09:49<16:46,
56.98it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
out_of_road.

Training Step:  43%|          | 42646/100000 [09:49<19:52, 48.08it/s]
Training Step:  43%|          | 42654/100000 [09:49<17:06, 55.88it/s]
Training Step:  43%|          | 42662/100000 [09:49<15:37, 61.14it/s]
Training Step:  43%|          | 42670/100000 [09:49<14:34, 65.54it/s]
Training Step:  43%|          | 42678/100000 [09:49<14:11, 67.31it/s]
Training Step:  43%|          | 42686/100000 [09:49<13:56, 68.55it/s]
Training Step:  43%|          | 42694/100000 [09:50<13:41, 69.78it/s]
Training Step:  43%|          | 42702/100000 [09:50<13:26, 71.04it/s]
Training Step:  43%|          | 42710/100000 [09:50<13:29, 70.78it/s]
Training Step:  43%|          | 42718/100000 [09:50<13:57, 68.40it/s]
Training Step:  43%|          | 42726/100000 [09:50<13:59, 68.22it/s]
Training Step:  43%|          | 42733/100000 [09:50<14:20, 66.55it/s]
Training Step:  43%|          | 42740/100000 [09:50<14:17, 66.76it/s]
Training Step:  43%|          | 42747/100000 [09:50<14:10, 67.28it/s]
Training Step:  43%|          | 42754/100000 [09:51<14:51, 64.23it/s]
Training Step:  43%|          | 42761/100000 [09:51<15:07, 63.11it/s]
Training Step:  43%|          | 42768/100000 [09:51<15:23,
61.94it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  43%|          | 42775/100000 [09:51<16:48, 56.73it/s]
Training Step:  43%|          | 42784/100000 [09:51<15:08, 62.98it/s]
Training Step:  43%|          | 42792/100000 [09:51<14:15, 66.89it/s]
Training Step:  43%|          | 42799/100000 [09:51<14:09, 67.37it/s]
Training Step:  43%|          | 42806/100000 [09:51<14:27, 65.91it/s]
Training Step:  43%|          | 42813/100000 [09:51<14:36, 65.23it/s]
Training Step:  43%|          | 42820/100000 [09:52<14:52, 64.07it/s]
Training Step:  43%|          | 42827/100000 [09:52<14:49, 64.28it/s]
Training Step:  43%|          | 42834/100000 [09:52<14:59,
63.57it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  43%|          | 42841/100000 [09:52<17:12, 55.37it/s]
Training Step:  43%|          | 42850/100000 [09:52<15:23, 61.90it/s]
Training Step:  43%|          | 42858/100000 [09:52<14:22, 66.22it/s]
Training Step:  43%|          | 42866/100000 [09:52<14:03, 67.73it/s]
Training Step:  43%|          | 42873/100000 [09:52<14:21, 66.28it/s]
Training Step:  43%|          | 42880/100000 [09:52<14:48, 64.31it/s]
Training Step:  43%|          | 42887/100000 [09:53<14:55, 63.78it/s]
Training Step:  43%|          | 42894/100000 [09:53<15:23, 61.87it/s]
Training Step:  43%|          | 42901/100000 [09:53<14:57, 63.62it/s]
```

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Training Step:  43%|          | 42908/100000 [09:53<15:21,
61.96it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  43%|          | 42915/100000 [09:53<16:12, 58.71it/s]
Training Step:  43%|          | 42923/100000 [09:53<14:59, 63.46it/s]
Training Step:  43%|          | 42931/100000 [09:53<14:13, 66.85it/s]
Training Step:  43%|          | 42938/100000 [09:53<14:37, 65.03it/s]
Training Step:  43%|          | 42945/100000 [09:54<14:40, 64.80it/s]
Training Step:  43%|          | 42952/100000 [09:54<14:59, 63.43it/s]
Training Step:  43%|          | 42959/100000 [09:54<15:10, 62.65it/s]
Training Step:  43%|          | 42966/100000 [09:54<14:58, 63.45it/s]
Training Step:  43%|          | 42973/100000 [09:54<14:43, 64.54it/s]
Training Step:  43%|          | 42980/100000 [09:54<15:04, 63.07it/s]
Training Step:  43%|          | 42987/100000 [09:54<15:18, 62.06it/s]
Training Step:  43%|          | 42994/100000 [09:54<15:36, 60.90it/s]
Training Step:  43%|          | 43001/100000 [09:54<15:26, 61.53it/s]
Training Step:  43%|          | 43008/100000 [09:55<15:36, 60.85it/s]
Training Step:  43%|          | 43015/100000 [09:55<15:36, 60.86it/s]
Training Step:  43%|          | 43022/100000 [09:55<15:50,
59.92it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  43%|          | 43029/100000 [09:55<16:57, 55.98it/s]
Training Step:  43%|          | 43037/100000 [09:55<15:27, 61.39it/s]
Training Step:  43%|          | 43045/100000 [09:55<14:25, 65.80it/s]
Training Step:  43%|          | 43053/100000 [09:55<13:52, 68.37it/s]
Training Step:  43%|          | 43061/100000 [09:55<13:35, 69.85it/s]
Training Step:  43%|          | 43069/100000 [09:55<13:12, 71.87it/s]
Training Step:  43%|          | 43077/100000 [09:56<13:00, 72.93it/s]
Training Step:  43%|          | 43085/100000 [09:56<13:03, 72.67it/s]
Training Step:  43%|          | 43093/100000 [09:56<12:50, 73.90it/s]
Training Step:  43%|          | 43101/100000 [09:56<13:02, 72.74it/s]
Training Step:  43%|          | 43109/100000 [09:56<13:00, 72.93it/s]
Training Step:  43%|          | 43117/100000 [09:56<13:19, 71.12it/s]
Training Step:  43%|          | 43125/100000 [09:56<13:22, 70.83it/s]
Training Step:  43%|          | 43133/100000 [09:56<13:18, 71.20it/s]
Training Step:  43%|          | 43141/100000 [09:56<13:29, 70.23it/s]
Training Step:  43%|          | 43149/100000 [09:57<13:55, 68.06it/s]
Training Step:  43%|          | 43156/100000 [09:57<14:13, 66.62it/s]
Training Step:  43%|          | 43163/100000 [09:57<14:17, 66.28it/s]
Training Step:  43%|          | 43170/100000 [09:57<14:29, 65.33it/s]
Training Step:  43%|          | 43177/100000 [09:57<14:27, 65.53it/s]
Training Step:  43%|          | 43184/100000 [09:57<14:55, 63.42it/s]
Training Step:  43%|          | 43191/100000 [09:57<14:53, 63.56it/s]
Training Step:  43%|          | 43198/100000 [09:57<15:22,
61.59it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
out_of_road.
```

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Training Step:   43%|            | 43205/100000 [09:58<16:25, 57.62it/s]
Training Step:   43%|            | 43213/100000 [09:58<15:00, 63.09it/s]
Training Step:   43%|            | 43222/100000 [09:58<13:51, 68.31it/s]
Training Step:   43%|            | 43229/100000 [09:58<13:49, 68.40it/s]
Training Step:   43%|            | 43236/100000 [09:58<14:07, 66.98it/s]
Training Step:   43%|            | 43243/100000 [09:58<14:13, 66.52it/s]
Training Step:   43%|            | 43250/100000 [09:58<14:24, 65.65it/s]
Training Step:   43%|            | 43257/100000 [09:58<14:25, 65.59it/s]
Training Step:   43%|            | 43264/100000 [09:58<14:35, 64.82it/s]
Training Step:   43%|            | 43271/100000 [09:58<14:40, 64.46it/s]
Training Step:   43%|            | 43278/100000 [09:59<14:50, 63.69it/s]
Training Step:   43%|            | 43285/100000 [09:59<15:00, 62.99it/s]
Training Step:   43%|            | 43292/100000 [09:59<15:31,
60.88it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:   43%|            | 43299/100000 [09:59<16:56, 55.80it/s]
Training Step:   43%|            | 43307/100000 [09:59<15:24, 61.32it/s]
Training Step:   43%|            | 43315/100000 [09:59<14:17, 66.09it/s]
Training Step:   43%|            | 43322/100000 [09:59<14:13, 66.42it/s]
Training Step:   43%|            | 43330/100000 [09:59<13:51, 68.19it/s]
Training Step:   43%|            | 43338/100000 [10:00<13:40, 69.06it/s]
Training Step:   43%|            | 43346/100000 [10:00<13:29, 69.96it/s]
Training Step:   43%|            | 43354/100000 [10:00<13:09, 71.76it/s]
Training Step:   43%|            | 43362/100000 [10:00<13:16, 71.08it/s]
Training Step:   43%|            | 43370/100000 [10:00<13:45, 68.59it/s]
Training Step:   43%|            | 43377/100000 [10:00<14:29, 65.10it/s]
Training Step:   43%|            | 43384/100000 [10:00<15:25,
61.18it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   43%|            | 43391/100000 [10:00<17:25, 54.17it/s]
Training Step:   43%|            | 43398/100000 [10:00<16:20, 57.70it/s]
Training Step:   43%|            | 43406/100000 [10:01<15:08, 62.28it/s]
Training Step:   43%|            | 43414/100000 [10:01<14:43, 64.08it/s]
Training Step:   43%|            | 43421/100000 [10:01<14:26, 65.30it/s]
Training Step:   43%|            | 43428/100000 [10:01<14:23, 65.51it/s]
Training Step:   43%|            | 43436/100000 [10:01<14:05, 66.93it/s]
Training Step:   43%|            | 43443/100000 [10:01<14:08, 66.67it/s]
Training Step:   43%|            | 43450/100000 [10:01<14:22, 65.59it/s]
Training Step:   43%|            | 43457/100000 [10:01<14:08, 66.63it/s]
Training Step:   43%|            | 43464/100000 [10:01<14:30, 64.98it/s]
Training Step:   43%|            | 43471/100000 [10:02<14:20, 65.69it/s]
Training Step:   43%|            | 43478/100000 [10:02<14:32, 64.79it/s]
Training Step:   43%|            | 43485/100000 [10:02<14:29, 64.98it/s]
Training Step:   43%|            | 43492/100000 [10:02<14:35, 64.57it/s]
Training Step:   43%|            | 43499/100000 [10:02<14:36, 64.47it/s]
```

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Training Step:  44%|          | 43506/100000 [10:02<15:30, 60.71it/s]
Training Step:  44%|          | 43513/100000 [10:02<15:32, 60.60it/s]
Training Step:  44%|          | 43520/100000 [10:02<15:57,
59.00it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
out_of_road.

Training Step:  44%|          | 43526/100000 [10:03<17:34, 53.58it/s]
Training Step:  44%|          | 43534/100000 [10:03<15:57, 58.97it/s]
Training Step:  44%|          | 43542/100000 [10:03<14:58, 62.84it/s]
Training Step:  44%|          | 43550/100000 [10:03<14:19, 65.68it/s]
Training Step:  44%|          | 43557/100000 [10:03<14:11, 66.30it/s]
Training Step:  44%|          | 43564/100000 [10:03<14:00, 67.15it/s]
Training Step:  44%|          | 43572/100000 [10:03<13:50, 67.91it/s]
Training Step:  44%|          | 43579/100000 [10:03<13:48, 68.11it/s]
Training Step:  44%|          | 43586/100000 [10:03<13:55, 67.50it/s]
Training Step:  44%|          | 43594/100000 [10:03<13:52, 67.78it/s]
Training Step:  44%|          | 43602/100000 [10:04<13:45, 68.33it/s]
Training Step:  44%|          | 43610/100000 [10:04<13:52, 67.75it/s]
Training Step:  44%|          | 43617/100000 [10:04<13:45, 68.26it/s]
Training Step:  44%|          | 43624/100000 [10:04<13:52,
67.68it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
out_of_road.

Training Step:  44%|          | 43631/100000 [10:04<16:56, 55.48it/s]
Training Step:  44%|          | 43639/100000 [10:04<15:31, 60.49it/s]
Training Step:  44%|          | 43647/100000 [10:04<14:46, 63.55it/s]
Training Step:  44%|          | 43654/100000 [10:04<14:39, 64.07it/s]
Training Step:  44%|          | 43661/100000 [10:05<14:38, 64.11it/s]
Training Step:  44%|          | 43668/100000 [10:05<14:56, 62.80it/s]
Training Step:  44%|          | 43675/100000 [10:05<14:55, 62.88it/s]
Training Step:  44%|          | 43682/100000 [10:05<14:50, 63.27it/s]
Training Step:  44%|          | 43689/100000 [10:05<14:41, 63.89it/s]
Training Step:  44%|          | 43696/100000 [10:05<14:47, 63.47it/s]
Training Step:  44%|          | 43703/100000 [10:05<14:46, 63.52it/s]
Training Step:  44%|          | 43710/100000 [10:05<15:04, 62.21it/s]
Training Step:  44%|          | 43717/100000 [10:05<14:46, 63.48it/s]
Training Step:  44%|          | 43724/100000 [10:06<14:55, 62.84it/s]
Training Step:  44%|          | 43731/100000 [10:06<15:06, 62.07it/s]
Training Step:  44%|          | 43738/100000 [10:06<15:09, 61.87it/s]
Training Step:  44%|          | 43745/100000 [10:06<15:18, 61.24it/s]
Training Step:  44%|          | 43752/100000 [10:06<15:34, 60.21it/s]
Training Step:  44%|          | 43759/100000 [10:06<15:39, 59.85it/s]
Training Step:  44%|          | 43765/100000 [10:06<15:41, 59.73it/s]
Training Step:  44%|          | 43771/100000 [10:06<15:55, 58.83it/s]
Training Step:  44%|          | 43777/100000 [10:06<16:35, 56.47it/s]
Training Step:  44%|          | 43783/100000 [10:07<17:15, 54.29it/s]
Training Step:  44%|          | 43789/100000 [10:07<17:22, 53.94it/s]
Training Step:  44%|          | 43795/100000 [10:07<17:35, 53.27it/s]
```

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Training Step:  44%|         | 43801/100000 [10:07<17:58, 52.12it/s]
Training Step:  44%|         | 43807/100000 [10:07<18:00, 52.00it/s]
Training Step:  44%|         | 43813/100000 [10:07<18:07, 51.65it/s]
Training Step:  44%|         | 43819/100000 [10:07<17:53, 52.35it/s]
Training Step:  44%|         | 43825/100000 [10:07<17:54, 52.30it/s]
Training Step:  44%|         | 43831/100000 [10:08<18:08, 51.59it/s]
Training Step:  44%|         | 43837/100000 [10:08<18:35, 50.33it/s]
Training Step:  44%|         | 43843/100000 [10:08<18:43, 49.98it/s]
Training Step:  44%|         | 43849/100000 [10:08<18:51,
49.61it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  44%|         | 43854/100000 [10:08<21:49, 42.88it/s]
Training Step:  44%|         | 43862/100000 [10:08<18:33, 50.41it/s]
Training Step:  44%|         | 43870/100000 [10:08<16:18, 57.36it/s]
Training Step:  44%|         | 43878/100000 [10:08<15:01, 62.25it/s]
Training Step:  44%|         | 43885/100000 [10:08<14:50, 62.98it/s]
Training Step:  44%|         | 43892/100000 [10:09<14:59, 62.34it/s]
Training Step:  44%|         | 43899/100000 [10:09<14:44, 63.40it/s]
Training Step:  44%|         | 43906/100000 [10:09<14:46, 63.30it/s]
Training Step:  44%|         | 43913/100000 [10:09<14:39, 63.74it/s]
Training Step:  44%|         | 43920/100000 [10:09<14:59, 62.35it/s]
Training Step:  44%|         | 43927/100000 [10:09<15:08,
61.74it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  44%|         | 43934/100000 [10:09<18:16, 51.12it/s]
Training Step:  44%|         | 43942/100000 [10:09<16:27, 56.78it/s]
Training Step:  44%|         | 43950/100000 [10:10<15:11, 61.51it/s]
Training Step:  44%|         | 43957/100000 [10:10<14:41, 63.55it/s]
Training Step:  44%|         | 43964/100000 [10:10<14:39, 63.74it/s]
Training Step:  44%|         | 43971/100000 [10:10<14:18, 65.27it/s]
Training Step:  44%|         | 43978/100000 [10:10<14:20, 65.14it/s]
Training Step:  44%|         | 43985/100000 [10:10<14:06, 66.13it/s]
Training Step:  44%|         | 43992/100000 [10:10<14:21, 65.01it/s]
Training Step:  44%|         | 43999/100000 [10:10<14:19, 65.13it/s]
Training Step:  44%|         | 44006/100000 [10:10<15:46, 59.17it/s]
Training Step:  44%|         | 44013/100000 [10:11<15:34, 59.88it/s]
Training Step:  44%|         | 44020/100000 [10:11<15:35, 59.87it/s]
Training Step:  44%|         | 44027/100000 [10:11<15:11, 61.42it/s]
Training Step:  44%|         | 44034/100000 [10:11<15:25, 60.47it/s]
Training Step:  44%|         | 44041/100000 [10:11<15:49, 58.91it/s]
Training Step:  44%|         | 44047/100000 [10:11<16:12, 57.52it/s]
Training Step:  44%|         | 44053/100000 [10:11<16:27, 56.66it/s]
Training Step:  44%|         | 44059/100000 [10:11<16:30, 56.50it/s]
Training Step:  44%|         | 44065/100000 [10:11<16:51, 55.32it/s]
Training Step:  44%|         | 44071/100000 [10:12<17:22,
53.66it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
```

out_of_road.

Training Step: 44%| | 44077/100000 [10:12<20:20, 45.80it/s]
Training Step: 44%| | 44085/100000 [10:12<17:35, 52.95it/s]
Training Step: 44%| | 44093/100000 [10:12<15:41, 59.36it/s]
Training Step: 44%| | 44101/100000 [10:12<14:38, 63.64it/s]
Training Step: 44%| | 44109/100000 [10:12<13:52, 67.16it/s]
Training Step: 44%| | 44118/100000 [10:12<13:10, 70.73it/s]
Training Step: 44%| | 44126/100000 [10:12<12:57, 71.89it/s]
Training Step: 44%| | 44134/100000 [10:13<12:45, 72.93it/s]
Training Step: 44%| | 44142/100000 [10:13<12:53, 72.19it/s]
Training Step: 44%| | 44150/100000 [10:13<12:52, 72.31it/s]
Training Step: 44%| | 44158/100000 [10:13<12:44, 73.03it/s]
Training Step: 44%| | 44166/100000 [10:13<12:53,
72.15it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
out_of_road.

Training Step: 44%| | 44174/100000 [10:13<14:40, 63.38it/s]
Training Step: 44%| | 44182/100000 [10:13<13:58, 66.58it/s]
Training Step: 44%| | 44190/100000 [10:13<13:28, 69.02it/s]
Training Step: 44%| | 44198/100000 [10:13<13:49, 67.26it/s]
Training Step: 44%| | 44205/100000 [10:14<14:43, 63.14it/s]
Training Step: 44%| | 44212/100000 [10:14<15:24, 60.37it/s]
Training Step: 44%| | 44219/100000 [10:14<15:56, 58.35it/s]
Training Step: 44%| | 44225/100000 [10:14<16:27, 56.47it/s]
Training Step: 44%| | 44231/100000 [10:14<16:29, 56.36it/s]
Training Step: 44%| | 44237/100000 [10:14<16:28, 56.43it/s]
Training Step: 44%| | 44243/100000 [10:14<16:19, 56.94it/s]
Training Step: 44%| | 44249/100000 [10:14<16:39, 55.77it/s]
Training Step: 44%| | 44255/100000 [10:15<16:46, 55.41it/s]
Training Step: 44%| | 44261/100000 [10:15<16:45, 55.45it/s]
Training Step: 44%| | 44267/100000 [10:15<16:28, 56.41it/s]
Training Step: 44%| | 44273/100000 [10:15<16:48, 55.25it/s]
Training Step: 44%| | 44279/100000 [10:15<16:50, 55.17it/s]
Training Step: 44%| | 44285/100000 [10:15<16:53, 54.98it/s]
Training Step: 44%| | 44291/100000 [10:15<16:58, 54.70it/s]
Training Step: 44%| | 44297/100000 [10:15<17:13, 53.92it/s]
Training Step: 44%| | 44303/100000 [10:15<17:12, 53.96it/s]
Training Step: 44%| | 44309/100000 [10:16<17:19, 53.55it/s]
Training Step: 44%| | 44315/100000 [10:16<17:39, 52.57it/s]
Training Step: 44%| | 44321/100000 [10:16<17:35, 52.73it/s]
Training Step: 44%| | 44327/100000 [10:16<17:36, 52.70it/s]
Training Step: 44%| | 44333/100000 [10:16<18:10, 51.07it/s]
Training Step: 44%| | 44339/100000 [10:16<18:41, 49.61it/s]
Training Step: 44%| | 44344/100000 [10:16<18:42, 49.58it/s]
Training Step: 44%| | 44350/100000 [10:16<18:19, 50.62it/s]
Training Step: 44%| | 44356/100000 [10:16<18:00,
51.49it/s][INFO] Episode ended! Scenario Index: 1012 Reason:

out_of_road.

```
Training Step:  44%|        | 44362/100000 [10:17<20:29, 45.27it/s]
Training Step:  44%|        | 44370/100000 [10:17<17:30, 52.95it/s]
Training Step:  44%|        | 44378/100000 [10:17<15:40, 59.17it/s]
Training Step:  44%|        | 44386/100000 [10:17<14:46, 62.72it/s]
Training Step:  44%|        | 44393/100000 [10:17<14:19, 64.66it/s]
Training Step:  44%|        | 44400/100000 [10:17<14:22, 64.43it/s]
Training Step:  44%|        | 44408/100000 [10:17<13:52, 66.80it/s]
Training Step:  44%|        | 44416/100000 [10:17<13:41, 67.66it/s]
Training Step:  44%|        | 44424/100000 [10:17<13:27, 68.79it/s]
Training Step:  44%|        | 44431/100000 [10:18<13:37, 68.00it/s]
Training Step:  44%|        | 44438/100000 [10:18<14:04, 65.79it/s]
Training Step:  44%|        | 44445/100000 [10:18<14:03, 65.86it/s]
Training Step:  44%|        | 44452/100000 [10:18<14:35, 63.46it/s]
Training Step:  44%|        | 44459/100000 [10:18<14:39, 63.18it/s]
Training Step:  44%|        | 44466/100000 [10:18<14:58, 61.82it/s]
Training Step:  44%|        | 44473/100000 [10:18<15:00, 61.70it/s]
Training Step:  44%|        | 44480/100000 [10:18<14:51, 62.26it/s]
Training Step:  44%|        | 44487/100000 [10:18<14:57, 61.84it/s]
Training Step:  44%|        | 44494/100000 [10:19<14:54, 62.04it/s]
Training Step:  45%|        | 44501/100000 [10:19<14:38, 63.18it/s]
Training Step:  45%|        | 44508/100000 [10:19<14:36, 63.32it/s]
Training Step:  45%|        | 44515/100000 [10:19<14:20, 64.46it/s]
Training Step:  45%|        | 44522/100000 [10:19<14:26, 64.04it/s]
Training Step:  45%|        | 44529/100000 [10:19<14:11, 65.17it/s]
Training Step:  45%|        | 44536/100000 [10:19<14:30, 63.70it/s]
Training Step:  45%|        | 44543/100000 [10:19<14:28, 63.84it/s]
Training Step:  45%|        | 44550/100000 [10:20<15:50, 58.35it/s]
Training Step:  45%|        | 44556/100000 [10:20<16:32, 55.85it/s]
Training Step:  45%|        | 44562/100000 [10:20<16:59, 54.36it/s]
Training Step:  45%|        | 44568/100000 [10:20<17:17, 53.45it/s]
Training Step:  45%|        | 44574/100000 [10:20<17:48, 51.89it/s]
Training Step:  45%|        | 44580/100000 [10:20<18:07, 50.94it/s]
Training Step:  45%|        | 44586/100000 [10:20<18:08, 50.91it/s]
Training Step:  45%|        | 44592/100000 [10:20<18:38, 49.53it/s]
Training Step:  45%|        | 44597/100000 [10:20<18:38, 49.52it/s]
Training Step:  45%|        | 44602/100000 [10:21<19:02, 48.47it/s]
Training Step:  45%|        | 44607/100000 [10:21<18:59, 48.63it/s]
Training Step:  45%|        | 44612/100000 [10:21<19:02, 48.47it/s]
Training Step:  45%|        | 44618/100000 [10:21<18:42, 49.36it/s]
Training Step:  45%|        | 44623/100000 [10:21<18:37, 49.54it/s]
Training Step:  45%|        | 44628/100000 [10:21<18:50, 48.97it/s]
Training Step:  45%|        | 44634/100000 [10:21<18:24, 50.12it/s]
Training Step:  45%|        | 44640/100000 [10:21<17:58, 51.31it/s]
Training Step:  45%|        | 44646/100000 [10:21<17:52, 51.62it/s]
Training Step:  45%|        | 44652/100000 [10:22<17:22, 53.07it/s]
Training Step:  45%|        | 44658/100000 [10:22<16:58, 54.32it/s]
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Training Step:  45%|          | 44664/100000 [10:22<16:32, 55.77it/s]
Training Step:  45%|          | 44671/100000 [10:22<15:58, 57.71it/s]
Training Step:  45%|          | 44677/100000 [10:22<15:53, 58.03it/s]
Training Step:  45%|          | 44684/100000 [10:22<15:46, 58.45it/s]
Training Step:  45%|          | 44690/100000 [10:22<15:41, 58.72it/s]
Training Step:  45%|          | 44696/100000 [10:22<15:41, 58.75it/s]
Training Step:  45%|          | 44702/100000 [10:22<15:35, 59.11it/s]
Training Step:  45%|          | 44708/100000 [10:22<15:31, 59.37it/s]
Training Step:  45%|          | 44715/100000 [10:23<15:08, 60.88it/s]
Training Step:  45%|          | 44722/100000 [10:23<15:12, 60.55it/s]
Training Step:  45%|          | 44729/100000 [10:23<14:44, 62.52it/s]
Training Step:  45%|          | 44736/100000 [10:23<14:34, 63.21it/s]
Training Step:  45%|          | 44744/100000 [10:23<13:58, 65.93it/s]
Training Step:  45%|          | 44752/100000 [10:23<13:34, 67.80it/s]
Training Step:  45%|          | 44760/100000 [10:23<13:21, 68.91it/s]
Training Step:  45%|          | 44768/100000 [10:23<13:14, 69.49it/s]
Training Step:  45%|          | 44776/100000 [10:23<12:44, 72.22it/s]
Training Step:  45%|          | 44784/100000 [10:24<12:30, 73.59it/s]
Training Step:  45%|          | 44792/100000 [10:24<12:51, 71.59it/s]
Training Step:  45%|          | 44800/100000 [10:24<13:00, 70.75it/s]
Training Step:  45%|          | 44809/100000 [10:24<12:13, 75.25it/s]
Training Step:  45%|          | 44818/100000 [10:24<11:52, 77.43it/s]
Training Step:  45%|          | 44827/100000 [10:24<11:34, 79.40it/s]
Training Step:  45%|          | 44835/100000 [10:24<11:35, 79.35it/s]
Training Step:  45%|          | 44844/100000 [10:24<11:30, 79.88it/s]
Training Step:  45%|          | 44853/100000 [10:24<11:15,
81.60it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:  45%|          | 44862/100000 [10:25<12:56, 71.00it/s]
Training Step:  45%|          | 44870/100000 [10:25<12:33, 73.13it/s]
Training Step:  45%|          | 44878/100000 [10:25<12:21, 74.37it/s]
Training Step:  45%|          | 44886/100000 [10:25<12:21, 74.28it/s]
Training Step:  45%|          | 44894/100000 [10:25<12:20, 74.42it/s]
Training Step:  45%|          | 44902/100000 [10:25<12:19, 74.53it/s]
Training Step:  45%|          | 44910/100000 [10:25<12:16, 74.80it/s]
Training Step:  45%|          | 44918/100000 [10:25<12:10, 75.42it/s]
Training Step:  45%|          | 44926/100000 [10:25<12:20, 74.39it/s]
Training Step:  45%|          | 44934/100000 [10:26<12:19, 74.50it/s]
Training Step:  45%|          | 44942/100000 [10:26<12:24, 73.96it/s]
Training Step:  45%|          | 44950/100000 [10:26<12:21, 74.20it/s]
Training Step:  45%|          | 44958/100000 [10:26<13:19, 68.85it/s]
Training Step:  45%|          | 44965/100000 [10:26<13:43, 66.80it/s]
Training Step:  45%|          | 44972/100000 [10:26<14:01, 65.37it/s]
Training Step:  45%|          | 44979/100000 [10:26<14:01, 65.38it/s]
Training Step:  45%|          | 44986/100000 [10:26<14:14, 64.35it/s]
Training Step:  45%|          | 44993/100000 [10:26<14:08, 64.83it/s]
Training Step:  45%|          | 45000/100000 [10:27<14:24, 63.61it/s]
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Training Step:  45%|        | 45007/100000 [10:27<14:31, 63.11it/s]
Training Step:  45%|        | 45014/100000 [10:27<14:52, 61.61it/s]
Training Step:  45%|        | 45021/100000 [10:27<14:46, 62.03it/s]
Training Step:  45%|        | 45028/100000 [10:27<15:02, 60.88it/s]
Training Step:  45%|        | 45035/100000 [10:27<15:05, 60.72it/s]
Training Step:  45%|        | 45042/100000 [10:27<15:13, 60.14it/s]
Training Step:  45%|        | 45049/100000 [10:27<15:10, 60.36it/s]
Training Step:  45%|        | 45056/100000 [10:28<15:10, 60.35it/s]
Training Step:  45%|        | 45063/100000 [10:28<15:05, 60.67it/s]
Training Step:  45%|        | 45070/100000 [10:28<14:57, 61.20it/s]
Training Step:  45%|        | 45077/100000 [10:28<14:42, 62.24it/s]
Training Step:  45%|        | 45084/100000 [10:28<14:45, 61.99it/s]
Training Step:  45%|        | 45091/100000 [10:28<14:44, 62.07it/s]
Training Step:  45%|        | 45098/100000 [10:28<14:46, 61.91it/s]
Training Step:  45%|        | 45105/100000 [10:28<14:17, 64.03it/s]
Training Step:  45%|        | 45112/100000 [10:28<14:09, 64.62it/s]
Training Step:  45%|        | 45119/100000 [10:28<13:49, 66.14it/s]
Training Step:  45%|        | 45126/100000 [10:29<13:45, 66.49it/s]
Training Step:  45%|        | 45133/100000 [10:29<13:53, 65.79it/s]
Training Step:  45%|        | 45140/100000 [10:29<13:59, 65.31it/s]
Training Step:  45%|        | 45147/100000 [10:29<13:57, 65.52it/s]
Training Step:  45%|        | 45154/100000 [10:29<14:09, 64.59it/s]
Training Step:  45%|        | 45161/100000 [10:29<13:54, 65.75it/s]
Training Step:  45%|        | 45168/100000 [10:29<13:57, 65.47it/s]
Training Step:  45%|        | 45176/100000 [10:29<13:41, 66.76it/s]
Training Step:  45%|        | 45183/100000 [10:29<13:39, 66.92it/s]
Training Step:  45%|        | 45190/100000 [10:30<13:53, 65.74it/s]
Training Step:  45%|        | 45197/100000 [10:30<14:01, 65.10it/s]
Training Step:  45%|        | 45204/100000 [10:30<14:16, 63.96it/s]
Training Step:  45%|        | 45211/100000 [10:30<13:56, 65.46it/s]
Training Step:  45%|        | 45218/100000 [10:30<13:56, 65.45it/s]
Training Step:  45%|        | 45225/100000 [10:30<13:40, 66.75it/s]
Training Step:  45%|        | 45232/100000 [10:30<13:38, 66.91it/s]
Training Step:  45%|        | 45239/100000 [10:30<13:46, 66.25it/s]
Training Step:  45%|        | 45247/100000 [10:30<13:16, 68.72it/s]
Training Step:  45%|        | 45254/100000 [10:31<13:15, 68.78it/s]
Training Step:  45%|        | 45261/100000 [10:31<13:16, 68.73it/s]
Training Step:  45%|        | 45269/100000 [10:31<12:48, 71.19it/s]
Training Step:  45%|        | 45277/100000 [10:31<12:24,
73.55it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:  45%|        | 45285/100000 [10:31<14:19, 63.67it/s]
Training Step:  45%|        | 45292/100000 [10:31<14:08, 64.48it/s]
Training Step:  45%|        | 45299/100000 [10:31<13:51, 65.79it/s]
Training Step:  45%|        | 45306/100000 [10:31<14:22, 63.44it/s]
Training Step:  45%|        | 45313/100000 [10:31<14:57, 60.91it/s]
Training Step:  45%|        | 45320/100000 [10:32<15:32, 58.64it/s]
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Training Step:   45%|          | 45326/100000 [10:32<16:00, 56.91it/s]
Training Step:   45%|          | 45332/100000 [10:32<16:06, 56.54it/s]
Training Step:   45%|          | 45338/100000 [10:32<16:19, 55.81it/s]
Training Step:   45%|          | 45344/100000 [10:32<16:12, 56.19it/s]
Training Step:   45%|          | 45350/100000 [10:32<16:21, 55.70it/s]
Training Step:   45%|          | 45356/100000 [10:32<16:35, 54.91it/s]
Training Step:   45%|          | 45362/100000 [10:32<16:37, 54.80it/s]
Training Step:   45%|          | 45368/100000 [10:32<16:22, 55.63it/s]
Training Step:   45%|          | 45374/100000 [10:33<16:36,
54.83it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:   45%|          | 45380/100000 [10:33<18:43, 48.63it/s]
Training Step:   45%|          | 45388/100000 [10:33<16:33, 54.99it/s]
Training Step:   45%|          | 45396/100000 [10:33<15:10, 59.98it/s]
Training Step:   45%|          | 45404/100000 [10:33<14:08, 64.31it/s]
Training Step:   45%|          | 45412/100000 [10:33<13:46, 66.07it/s]
Training Step:   45%|          | 45419/100000 [10:33<13:32, 67.14it/s]
Training Step:   45%|          | 45426/100000 [10:33<13:47, 65.91it/s]
Training Step:   45%|          | 45434/100000 [10:33<13:33, 67.04it/s]
Training Step:   45%|          | 45442/100000 [10:34<13:28, 67.45it/s]
Training Step:   45%|          | 45449/100000 [10:34<13:31, 67.23it/s]
Training Step:   45%|          | 45456/100000 [10:34<14:11, 64.07it/s]
Training Step:   45%|          | 45463/100000 [10:34<15:05, 60.26it/s]
Training Step:   45%|          | 45470/100000 [10:34<14:48, 61.37it/s]
Training Step:   45%|          | 45477/100000 [10:34<14:25, 63.01it/s]
Training Step:   45%|          | 45484/100000 [10:34<14:20, 63.37it/s]
Training Step:   45%|          | 45491/100000 [10:34<13:58, 65.03it/s]
Training Step:   45%|          | 45498/100000 [10:34<14:06, 64.42it/s]
Training Step:   46%|          | 45505/100000 [10:35<13:48, 65.81it/s]
Training Step:   46%|          | 45512/100000 [10:35<13:49, 65.70it/s]
Training Step:   46%|          | 45519/100000 [10:35<13:43, 66.13it/s]
Training Step:   46%|          | 45526/100000 [10:35<13:38, 66.56it/s]
Training Step:   46%|          | 45534/100000 [10:35<13:22, 67.90it/s]
Training Step:   46%|          | 45542/100000 [10:35<13:20, 68.05it/s]
Training Step:   46%|          | 45549/100000 [10:35<13:40, 66.37it/s]
Training Step:   46%|          | 45556/100000 [10:35<14:19, 63.32it/s]
Training Step:   46%|          | 45563/100000 [10:35<14:41, 61.77it/s]
Training Step:   46%|          | 45570/100000 [10:36<14:54, 60.87it/s]
Training Step:   46%|          | 45577/100000 [10:36<15:00, 60.41it/s]
Training Step:   46%|          | 45584/100000 [10:36<15:10, 59.77it/s]
Training Step:   46%|          | 45590/100000 [10:36<15:16, 59.36it/s]
Training Step:   46%|          | 45596/100000 [10:36<15:28, 58.57it/s]
Training Step:   46%|          | 45602/100000 [10:36<15:42, 57.69it/s]
Training Step:   46%|          | 45608/100000 [10:36<15:50, 57.21it/s]
Training Step:   46%|          | 45614/100000 [10:36<15:53, 57.03it/s]
Training Step:   46%|          | 45620/100000 [10:36<15:47, 57.39it/s]
Training Step:   46%|          | 45626/100000 [10:37<15:51,
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57.15it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
out_of_road.

Training Step:  46%|           | 45632/100000 [10:37<19:10, 47.26it/s]
Training Step:  46%|           | 45640/100000 [10:37<16:25, 55.18it/s]
Training Step:  46%|           | 45648/100000 [10:37<15:02, 60.23it/s]
Training Step:  46%|           | 45656/100000 [10:37<14:22, 62.97it/s]
Training Step:  46%|           | 45663/100000 [10:37<14:11, 63.83it/s]
Training Step:  46%|           | 45670/100000 [10:37<14:34, 62.12it/s]
Training Step:  46%|           | 45677/100000 [10:37<14:23, 62.89it/s]
Training Step:  46%|           | 45684/100000 [10:38<14:13, 63.62it/s]
Training Step:  46%|           | 45691/100000 [10:38<14:20, 63.11it/s]
Training Step:  46%|           | 45698/100000 [10:38<15:11, 59.57it/s]
Training Step:  46%|           | 45705/100000 [10:38<14:56, 60.58it/s]
Training Step:  46%|           | 45712/100000 [10:38<15:01, 60.19it/s]
Training Step:  46%|           | 45719/100000 [10:38<14:51, 60.87it/s]
Training Step:  46%|           | 45726/100000 [10:38<15:10, 59.62it/s]
Training Step:  46%|           | 45733/100000 [10:38<14:57, 60.46it/s]
Training Step:  46%|           | 45740/100000 [10:38<15:09, 59.65it/s]
Training Step:  46%|           | 45747/100000 [10:39<14:57, 60.48it/s]
Training Step:  46%|           | 45754/100000 [10:39<15:11, 59.51it/s]
Training Step:  46%|           | 45761/100000 [10:39<15:00, 60.22it/s]
Training Step:  46%|           | 45768/100000 [10:39<15:13, 59.34it/s]
Training Step:  46%|           | 45775/100000 [10:39<15:02, 60.10it/s]
Training Step:  46%|           | 45782/100000 [10:39<15:31, 58.18it/s]
Training Step:  46%|           | 45789/100000 [10:39<15:12, 59.39it/s]
Training Step:  46%|           | 45795/100000 [10:39<15:12, 59.40it/s]
Training Step:  46%|           | 45802/100000 [10:40<15:10, 59.52it/s]
Training Step:  46%|           | 45809/100000 [10:40<14:59, 60.25it/s]
Training Step:  46%|           | 45816/100000 [10:40<15:43, 57.42it/s]
Training Step:  46%|           | 45822/100000 [10:40<15:37, 57.79it/s]
Training Step:  46%|           | 45828/100000 [10:40<15:42, 57.46it/s]
Training Step:  46%|           | 45834/100000 [10:40<15:57, 56.59it/s]
Training Step:  46%|           | 45840/100000 [10:40<15:43, 57.38it/s]
Training Step:  46%|           | 45846/100000 [10:40<15:47, 57.15it/s]
Training Step:  46%|           | 45852/100000 [10:40<16:06, 56.05it/s]
Training Step:  46%|           | 45858/100000 [10:41<16:08, 55.90it/s]
Training Step:  46%|           | 45864/100000 [10:41<16:31, 54.59it/s]
Training Step:  46%|           | 45870/100000 [10:41<16:31, 54.58it/s]
Training Step:  46%|           | 45876/100000 [10:41<16:34, 54.42it/s]
Training Step:  46%|           | 45882/100000 [10:41<16:31, 54.61it/s]
Training Step:  46%|           | 45888/100000 [10:41<16:36, 54.29it/s]
Training Step:  46%|           | 45894/100000 [10:41<16:37, 54.22it/s]
Training Step:  46%|           | 45900/100000 [10:41<16:25, 54.91it/s]
Training Step:  46%|           | 45906/100000 [10:41<17:20, 51.97it/s]
Training Step:  46%|           | 45912/100000 [10:42<18:05, 49.81it/s]
Training Step:  46%|           | 45918/100000 [10:42<18:45, 48.07it/s]
Training Step:  46%|           | 45923/100000 [10:42<18:44, 48.07it/s]
```

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Training Step:  46%|              | 45928/100000 [10:42<19:14, 46.84it/s]
Training Step:  46%|              | 45933/100000 [10:42<19:05, 47.18it/s]
Training Step:  46%|              | 45938/100000 [10:42<19:21, 46.55it/s]
Training Step:  46%|              | 45943/100000 [10:42<19:10, 46.98it/s]
Training Step:  46%|              | 45948/100000 [10:42<19:21, 46.53it/s]
Training Step:  46%|              | 45953/100000 [10:42<19:23, 46.46it/s]
Training Step:  46%|              | 45958/100000 [10:43<19:46, 45.53it/s]
Training Step:  46%|              | 45963/100000 [10:43<19:31, 46.13it/s]
Training Step:  46%|              | 45968/100000 [10:43<19:46, 45.55it/s]
Training Step:  46%|              | 45973/100000 [10:43<19:37, 45.90it/s]
Training Step:  46%|              | 45978/100000 [10:43<19:33, 46.02it/s]
Training Step:  46%|              | 45983/100000 [10:43<19:31, 46.10it/s]
Training Step:  46%|              | 45988/100000 [10:43<19:23, 46.42it/s]
Training Step:  46%|              | 45993/100000 [10:43<19:01, 47.30it/s]
Training Step:  46%|              | 45998/100000 [10:43<18:59, 47.40it/s]
Training Step:  46%|              | 46003/100000 [10:44<19:46, 45.52it/s]
Training Step:  46%|              | 46008/100000 [10:44<19:51, 45.30it/s]
Training Step:  46%|              | 46014/100000 [10:44<19:09, 46.97it/s]
Training Step:  46%|              | 46020/100000 [10:44<18:43, 48.04it/s]
Training Step:  46%|              | 46026/100000 [10:44<18:12, 49.41it/s]
Training Step:  46%|              | 46032/100000 [10:44<17:40, 50.91it/s]
Training Step:  46%|              | 46038/100000 [10:44<17:23, 51.70it/s]
Training Step:  46%|              | 46044/100000 [10:44<17:17, 51.98it/s]
Training Step:  46%|              | 46050/100000 [10:44<17:19, 51.90it/s]
Training Step:  46%|              | 46056/100000 [10:45<17:12, 52.26it/s]
Training Step:  46%|              | 46062/100000 [10:45<17:31, 51.29it/s]
Training Step:  46%|              | 46068/100000 [10:45<16:50, 53.35it/s]
Training Step:  46%|              | 46074/100000 [10:45<16:41, 53.85it/s]
Training Step:  46%|              | 46080/100000 [10:45<16:15, 55.25it/s]
Training Step:  46%|              | 46086/100000 [10:45<16:06, 55.81it/s]
Training Step:  46%|              | 46092/100000 [10:45<15:45, 57.00it/s]
Training Step:  46%|              | 46098/100000 [10:45<15:36, 57.54it/s]
Training Step:  46%|              | 46104/100000 [10:45<15:30, 57.92it/s]
Training Step:  46%|              | 46110/100000 [10:46<15:23, 58.36it/s]
Training Step:  46%|              | 46117/100000 [10:46<14:39, 61.24it/s]
Training Step:  46%|              | 46125/100000 [10:46<13:48, 65.04it/s]
Training Step:  46%|              | 46132/100000 [10:46<13:51, 64.80it/s]
Training Step:  46%|              | 46140/100000 [10:46<13:34, 66.11it/s]
Training Step:  46%|              | 46148/100000 [10:46<12:59, 69.05it/s]
Training Step:  46%|              | 46158/100000 [10:46<11:53,
75.49it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
arrive_dest.

Training Step:  46%|              | 46166/100000 [10:46<14:19, 62.61it/s]
Training Step:  46%|              | 46174/100000 [10:46<13:58, 64.21it/s]
Training Step:  46%|              | 46182/100000 [10:47<13:34, 66.04it/s]
Training Step:  46%|              | 46189/100000 [10:47<14:10, 63.29it/s]
Training Step:  46%|              | 46196/100000 [10:47<14:49, 60.48it/s]
```

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Training Step:  46%|            | 46203/100000 [10:47<14:36, 61.35it/s]
Training Step:  46%|            | 46210/100000 [10:47<14:49, 60.44it/s]
Training Step:  46%|            | 46217/100000 [10:47<14:56, 59.96it/s]
Training Step:  46%|            | 46224/100000 [10:47<15:06, 59.32it/s]
Training Step:  46%|            | 46230/100000 [10:47<15:06, 59.35it/s]
Training Step:  46%|            | 46237/100000 [10:48<14:54, 60.12it/s]
Training Step:  46%|            | 46244/100000 [10:48<14:41, 60.99it/s]
Training Step:  46%|            | 46251/100000 [10:48<15:56, 56.20it/s]
Training Step:  46%|            | 46257/100000 [10:48<16:59, 52.70it/s]
Training Step:  46%|            | 46263/100000 [10:48<18:17, 48.95it/s]
Training Step:  46%|            | 46268/100000 [10:48<18:52, 47.45it/s]
Training Step:  46%|            | 46273/100000 [10:48<19:13, 46.56it/s]
Training Step:  46%|            | 46278/100000 [10:48<20:08, 44.46it/s]
Training Step:  46%|            | 46283/100000 [10:49<20:21, 43.96it/s]
Training Step:  46%|            | 46288/100000 [10:49<20:22, 43.93it/s]
Training Step:  46%|            | 46294/100000 [10:49<19:30, 45.87it/s]
Training Step:  46%|            | 46300/100000 [10:49<18:53, 47.36it/s]
Training Step:  46%|            | 46306/100000 [10:49<17:44, 50.44it/s]
Training Step:  46%|            | 46312/100000 [10:49<17:08, 52.20it/s]
Training Step:  46%|            | 46318/100000 [10:49<16:54, 52.90it/s]
Training Step:  46%|            | 46324/100000 [10:49<17:01, 52.53it/s]
Training Step:  46%|            | 46330/100000 [10:49<17:11, 52.01it/s]
Training Step:  46%|            | 46336/100000 [10:50<17:16, 51.78it/s]
Training Step:  46%|            | 46342/100000 [10:50<17:08, 52.18it/s]
Training Step:  46%|            | 46348/100000 [10:50<17:27, 51.24it/s]
Training Step:  46%|            | 46354/100000 [10:50<18:44, 47.70it/s]
Training Step:  46%|            | 46359/100000 [10:50<20:04, 44.54it/s]
Training Step:  46%|            | 46364/100000 [10:50<21:54, 40.79it/s]
Training Step:  46%|            | 46369/100000 [10:50<22:52, 39.07it/s]
Training Step:  46%|            | 46373/100000 [10:50<23:56, 37.34it/s]
Training Step:  46%|            | 46377/100000 [10:51<23:48, 37.53it/s]
Training Step:  46%|            | 46381/100000 [10:51<25:47, 34.65it/s]
Training Step:  46%|            | 46385/100000 [10:51<25:58, 34.39it/s]
Training Step:  46%|            | 46389/100000 [10:51<25:19, 35.28it/s]
Training Step:  46%|            | 46393/100000 [10:51<26:08, 34.18it/s]
Training Step:  46%|            | 46397/100000 [10:51<25:25, 35.15it/s]
Training Step:  46%|            | 46401/100000 [10:51<24:38, 36.26it/s]
Training Step:  46%|            | 46405/100000 [10:51<24:09, 36.98it/s]
Training Step:  46%|            | 46409/100000 [10:51<24:12, 36.90it/s]
Training Step:  46%|            | 46413/100000 [10:52<24:34, 36.34it/s]
Training Step:  46%|            | 46417/100000 [10:52<24:42, 36.15it/s]
Training Step:  46%|            | 46421/100000 [10:52<24:27, 36.51it/s]
Training Step:  46%|            | 46425/100000 [10:52<24:21, 36.67it/s]
Training Step:  46%|            | 46429/100000 [10:52<24:12, 36.88it/s]
Training Step:  46%|            | 46433/100000 [10:52<23:46, 37.55it/s]
Training Step:  46%|            | 46437/100000 [10:52<23:36, 37.82it/s]
Training Step:  46%|            | 46441/100000 [10:52<23:25, 38.12it/s]
Training Step:  46%|            | 46445/100000 [10:52<23:17, 38.33it/s]
```

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Training Step:  46%|              | 46449/100000 [10:53<23:13, 38.43it/s]
Training Step:  46%|              | 46453/100000 [10:53<23:13, 38.42it/s]
Training Step:  46%|              | 46458/100000 [10:53<22:50, 39.06it/s]
Training Step:  46%|              | 46463/100000 [10:53<22:22, 39.89it/s]
Training Step:  46%|              | 46468/100000 [10:53<21:53, 40.77it/s]
Training Step:  46%|              | 46473/100000 [10:53<21:30, 41.47it/s]
Training Step:  46%|              | 46478/100000 [10:53<21:51, 40.80it/s]
Training Step:  46%|              | 46483/100000 [10:53<21:30, 41.48it/s]
Training Step:  46%|              | 46488/100000 [10:53<21:21, 41.75it/s]
Training Step:  46%|              | 46493/100000 [10:54<21:06, 42.26it/s]
Training Step:  46%|              | 46498/100000 [10:54<20:52, 42.73it/s]
Training Step:  47%|              | 46503/100000 [10:54<20:13, 44.10it/s]
Training Step:  47%|              | 46508/100000 [10:54<20:24, 43.67it/s]
Training Step:  47%|              | 46513/100000 [10:54<20:16, 43.96it/s]
Training Step:  47%|              | 46518/100000 [10:54<19:48, 45.00it/s]
Training Step:  47%|              | 46523/100000 [10:54<19:28, 45.76it/s]
Training Step:  47%|              | 46528/100000 [10:54<19:34, 45.54it/s]
Training Step:  47%|              | 46533/100000 [10:54<19:09, 46.53it/s]
Training Step:  47%|              | 46538/100000 [10:55<19:01, 46.85it/s]
Training Step:  47%|              | 46543/100000 [10:55<18:56, 47.02it/s]
Training Step:  47%|              | 46548/100000 [10:55<19:10, 46.45it/s]
Training Step:  47%|              | 46553/100000 [10:55<18:51, 47.24it/s]
Training Step:  47%|              | 46558/100000 [10:55<18:54, 47.09it/s]
Training Step:  47%|              | 46563/100000 [10:55<18:44, 47.52it/s]
Training Step:  47%|              | 46569/100000 [10:55<18:16, 48.73it/s]
Training Step:  47%|              | 46574/100000 [10:55<18:11, 48.95it/s]
Training Step:  47%|              | 46579/100000 [10:55<18:04, 49.25it/s]
Training Step:  47%|              | 46584/100000 [10:56<18:09, 49.04it/s]
Training Step:  47%|              | 46590/100000 [10:56<17:44, 50.19it/s]
Training Step:  47%|              | 46596/100000 [10:56<17:05, 52.10it/s]
Training Step:  47%|              | 46602/100000 [10:56<17:24, 51.14it/s]
Training Step:  47%|              | 46608/100000 [10:56<16:55, 52.58it/s]
Training Step:  47%|              | 46614/100000 [10:56<16:33, 53.76it/s]
Training Step:  47%|              | 46621/100000 [10:56<15:43, 56.59it/s]
Training Step:  47%|              | 46627/100000 [10:56<15:27, 57.55it/s]
Training Step:  47%|              | 46634/100000 [10:56<15:13, 58.44it/s]
Training Step:  47%|              | 46641/100000 [10:57<14:46, 60.17it/s]
Training Step:  47%|              | 46648/100000 [10:57<14:29, 61.38it/s]
Training Step:  47%|              | 46656/100000 [10:57<13:54, 63.93it/s]
Training Step:  47%|              | 46664/100000 [10:57<13:38, 65.14it/s]
Training Step:  47%|              | 46672/100000 [10:57<13:07, 67.73it/s]
Training Step:  47%|              | 46680/100000 [10:57<12:47, 69.48it/s]
Training Step:  47%|              | 46688/100000 [10:57<12:34, 70.64it/s]
Training Step:  47%|              | 46697/100000 [10:57<11:54, 74.60it/s]
Training Step:  47%|              | 46706/100000 [10:57<11:34, 76.78it/s]
Training Step:  47%|              | 46715/100000 [10:57<11:07, 79.82it/s]
Training Step:  47%|              | 46724/100000 [10:58<10:55, 81.33it/s]
Training Step:  47%|              | 46733/100000 [10:58<10:39,
```

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83.33it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
arrive_dest.

```
Training Step:  47%|            | 46742/100000 [10:58<13:30, 65.71it/s]
Training Step:  47%|            | 46750/100000 [10:58<13:02, 68.01it/s]
Training Step:  47%|            | 46758/100000 [10:58<13:01, 68.11it/s]
Training Step:  47%|            | 46766/100000 [10:58<13:41, 64.83it/s]
Training Step:  47%|            | 46773/100000 [10:58<13:57, 63.58it/s]
Training Step:  47%|            | 46780/100000 [10:59<14:21, 61.74it/s]
Training Step:  47%|            | 46787/100000 [10:59<14:31, 61.04it/s]
Training Step:  47%|            | 46794/100000 [10:59<14:54, 59.50it/s]
Training Step:  47%|            | 46801/100000 [10:59<14:57, 59.30it/s]
Training Step:  47%|            | 46807/100000 [10:59<14:58, 59.18it/s]
Training Step:  47%|            | 46813/100000 [10:59<15:14, 58.16it/s]
Training Step:  47%|            | 46819/100000 [10:59<15:54, 55.70it/s]
Training Step:  47%|            | 46825/100000 [10:59<15:54, 55.72it/s]
Training Step:  47%|            | 46831/100000 [10:59<15:39, 56.58it/s]
Training Step:  47%|            | 46837/100000 [11:00<15:31, 57.06it/s]
Training Step:  47%|            | 46843/100000 [11:00<15:25, 57.41it/s]
Training Step:  47%|            | 46850/100000 [11:00<15:15, 58.03it/s]
Training Step:  47%|            | 46856/100000 [11:00<15:12, 58.25it/s]
Training Step:  47%|            | 46863/100000 [11:00<14:52, 59.56it/s]
Training Step:  47%|            | 46869/100000 [11:00<15:00, 59.02it/s]
Training Step:  47%|            | 46876/100000 [11:00<15:03, 58.80it/s]
Training Step:  47%|            | 46882/100000 [11:00<15:23, 57.53it/s]
Training Step:  47%|            | 46888/100000 [11:00<16:31, 53.59it/s]
Training Step:  47%|            | 46894/100000 [11:01<17:12, 51.44it/s]
Training Step:  47%|            | 46900/100000 [11:01<17:41, 50.01it/s]
Training Step:  47%|            | 46906/100000 [11:01<17:52, 49.52it/s]
Training Step:  47%|            | 46911/100000 [11:01<18:03, 49.01it/s]
Training Step:  47%|            | 46916/100000 [11:01<18:43, 47.26it/s]
Training Step:  47%|            | 46921/100000 [11:01<18:52, 46.86it/s]
Training Step:  47%|            | 46926/100000 [11:01<19:11, 46.09it/s]
Training Step:  47%|            | 46931/100000 [11:01<19:34, 45.18it/s]
Training Step:  47%|            | 46936/100000 [11:01<19:21, 45.67it/s]
Training Step:  47%|            | 46941/100000 [11:02<19:26, 45.49it/s]
Training Step:  47%|            | 46946/100000 [11:02<19:45, 44.75it/s]
Training Step:  47%|            | 46951/100000 [11:02<19:14, 45.94it/s]
Training Step:  47%|            | 46956/100000 [11:02<19:37, 45.06it/s]
Training Step:  47%|            | 46961/100000 [11:02<19:05, 46.30it/s]
Training Step:  47%|            | 46966/100000 [11:02<18:55, 46.69it/s]
Training Step:  47%|            | 46971/100000 [11:02<18:39, 47.36it/s]
Training Step:  47%|            | 46976/100000 [11:02<18:37, 47.44it/s]
Training Step:  47%|            | 46981/100000 [11:02<18:29, 47.77it/s]
Training Step:  47%|            | 46986/100000 [11:03<19:05, 46.27it/s]
Training Step:  47%|            | 46991/100000 [11:03<18:49, 46.93it/s]
Training Step:  47%|            | 46996/100000 [11:03<19:06, 46.22it/s]
Training Step:  47%|            | 47001/100000 [11:03<18:50, 46.89it/s]
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Training Step:  47%|            | 47006/100000 [11:03<18:44, 47.11it/s]
Training Step:  47%|            | 47012/100000 [11:03<18:22, 48.05it/s]
Training Step:  47%|            | 47017/100000 [11:03<18:16, 48.33it/s]
Training Step:  47%|            | 47022/100000 [11:03<18:36, 47.45it/s]
Training Step:  47%|            | 47027/100000 [11:03<18:41, 47.24it/s]
Training Step:  47%|            | 47032/100000 [11:04<19:27, 45.38it/s]
Training Step:  47%|            | 47037/100000 [11:04<19:05, 46.22it/s]
Training Step:  47%|            | 47042/100000 [11:04<18:57, 46.55it/s]
Training Step:  47%|            | 47047/100000 [11:04<18:37, 47.39it/s]
Training Step:  47%|            | 47052/100000 [11:04<20:23, 43.29it/s]
Training Step:  47%|            | 47057/100000 [11:04<19:59, 44.14it/s]
Training Step:  47%|            | 47062/100000 [11:04<19:58, 44.18it/s]
Training Step:  47%|            | 47067/100000 [11:04<19:19, 45.65it/s]
Training Step:  47%|            | 47072/100000 [11:04<19:08, 46.10it/s]
Training Step:  47%|            | 47077/100000 [11:04<18:41, 47.20it/s]
Training Step:  47%|            | 47082/100000 [11:05<18:44, 47.06it/s]
Training Step:  47%|            | 47088/100000 [11:05<18:21, 48.02it/s]
Training Step:  47%|            | 47093/100000 [11:05<18:15, 48.30it/s]
Training Step:  47%|            | 47098/100000 [11:05<18:19, 48.10it/s]
Training Step:  47%|            | 47104/100000 [11:05<18:08, 48.59it/s]
Training Step:  47%|            | 47110/100000 [11:05<18:01, 48.90it/s]
Training Step:  47%|            | 47115/100000 [11:05<17:57, 49.07it/s]
Training Step:  47%|            | 47120/100000 [11:05<18:03, 48.78it/s]
Training Step:  47%|            | 47126/100000 [11:05<17:55, 49.18it/s]
Training Step:  47%|            | 47132/100000 [11:06<18:03, 48.79it/s]
Training Step:  47%|            | 47137/100000 [11:06<17:59, 48.99it/s]
Training Step:  47%|            | 47142/100000 [11:06<18:17, 48.16it/s]
Training Step:  47%|            | 47147/100000 [11:06<18:06, 48.66it/s]
Training Step:  47%|            | 47152/100000 [11:06<18:12, 48.35it/s]
Training Step:  47%|            | 47157/100000 [11:06<18:14, 48.27it/s]
Training Step:  47%|            | 47162/100000 [11:06<18:28, 47.67it/s]
Training Step:  47%|            | 47168/100000 [11:06<18:10, 48.43it/s]
Training Step:  47%|            | 47174/100000 [11:06<18:05, 48.67it/s]
Training Step:  47%|            | 47180/100000 [11:07<18:01, 48.83it/s]
Training Step:  47%|            | 47186/100000 [11:07<17:59, 48.94it/s]
Training Step:  47%|            | 47192/100000 [11:07<17:46, 49.51it/s]
Training Step:  47%|            | 47198/100000 [11:07<17:37, 49.91it/s]
Training Step:  47%|            | 47204/100000 [11:07<17:39, 49.81it/s]
Training Step:  47%|            | 47209/100000 [11:07<17:44, 49.60it/s]
Training Step:  47%|            | 47214/100000 [11:07<18:10, 48.39it/s]
Training Step:  47%|            | 47220/100000 [11:07<17:59, 48.89it/s]
Training Step:  47%|            | 47226/100000 [11:08<17:29, 50.27it/s]
Training Step:  47%|            | 47232/100000 [11:08<17:01, 51.66it/s]
Training Step:  47%|            | 47238/100000 [11:08<16:33, 53.08it/s]
Training Step:  47%|            | 47244/100000 [11:08<16:36, 52.94it/s]
Training Step:  47%|            | 47250/100000 [11:08<17:35, 49.96it/s]
Training Step:  47%|            | 47256/100000 [11:08<17:19, 50.75it/s]
Training Step:  47%|            | 47262/100000 [11:08<17:01, 51.63it/s]
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Training Step:  47%|              | 47268/100000 [11:08<16:29, 53.32it/s]
Training Step:  47%|              | 47274/100000 [11:08<15:55, 55.17it/s]
Training Step:  47%|              | 47281/100000 [11:09<15:08, 58.05it/s]
Training Step:  47%|              | 47287/100000 [11:09<15:12,
57.78it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
out_of_road.

Training Step:  47%|              | 47293/100000 [11:09<18:20, 47.89it/s]
Training Step:  47%|              | 47300/100000 [11:09<16:31, 53.17it/s]
Training Step:  47%|              | 47308/100000 [11:09<14:35, 60.21it/s]
Training Step:  47%|              | 47316/100000 [11:09<13:25, 65.43it/s]
Training Step:  47%|              | 47323/100000 [11:09<14:00, 62.68it/s]
Training Step:  47%|              | 47330/100000 [11:09<14:29, 60.54it/s]
Training Step:  47%|              | 47337/100000 [11:09<14:55, 58.82it/s]
Training Step:  47%|              | 47344/100000 [11:10<15:08, 57.95it/s]
Training Step:  47%|              | 47350/100000 [11:10<15:16, 57.44it/s]
Training Step:  47%|              | 47356/100000 [11:10<15:20, 57.21it/s]
Training Step:  47%|              | 47362/100000 [11:10<15:40, 55.98it/s]
Training Step:  47%|              | 47368/100000 [11:10<15:39, 56.01it/s]
Training Step:  47%|              | 47374/100000 [11:10<15:49, 55.42it/s]
Training Step:  47%|              | 47380/100000 [11:10<16:03, 54.61it/s]
Training Step:  47%|              | 47386/100000 [11:10<15:56, 55.03it/s]
Training Step:  47%|              | 47392/100000 [11:11<16:24, 53.44it/s]
Training Step:  47%|              | 47398/100000 [11:11<16:23, 53.48it/s]
Training Step:  47%|              | 47404/100000 [11:11<16:15, 53.94it/s]
Training Step:  47%|              | 47410/100000 [11:11<15:58, 54.86it/s]
Training Step:  47%|              | 47416/100000 [11:11<15:52, 55.22it/s]
Training Step:  47%|              | 47422/100000 [11:11<16:16, 53.83it/s]
Training Step:  47%|              | 47428/100000 [11:11<16:28, 53.18it/s]
Training Step:  47%|              | 47434/100000 [11:11<16:55, 51.78it/s]
Training Step:  47%|              | 47440/100000 [11:11<16:23, 53.42it/s]
Training Step:  47%|              | 47446/100000 [11:12<16:04, 54.49it/s]
Training Step:  47%|              | 47452/100000 [11:12<15:50, 55.26it/s]
Training Step:  47%|              | 47458/100000 [11:12<15:44, 55.65it/s]
Training Step:  47%|              | 47464/100000 [11:12<15:49, 55.32it/s]
Training Step:  47%|              | 47470/100000 [11:12<15:45, 55.54it/s]
Training Step:  47%|              | 47476/100000 [11:12<15:32, 56.33it/s]
Training Step:  47%|              | 47482/100000 [11:12<15:44, 55.63it/s]
Training Step:  47%|              | 47488/100000 [11:12<15:31, 56.39it/s]
Training Step:  47%|              | 47494/100000 [11:12<15:22,
56.94it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  48%|              | 47500/100000 [11:13<18:56, 46.17it/s]
Training Step:  48%|              | 47508/100000 [11:13<16:22, 53.43it/s]
Training Step:  48%|              | 47516/100000 [11:13<14:59, 58.32it/s]
Training Step:  48%|              | 47524/100000 [11:13<14:20, 60.97it/s]
Training Step:  48%|              | 47531/100000 [11:13<14:34, 60.03it/s]
```

```
Training Step:  48%|          | 47538/100000 [11:13<14:43, 59.37it/s]
Training Step:  48%|          | 47545/100000 [11:13<14:39, 59.66it/s]
Training Step:  48%|          | 47552/100000 [11:13<14:51, 58.81it/s]
Training Step:  48%|          | 47559/100000 [11:13<14:35, 59.87it/s]
Training Step:  48%|          | 47566/100000 [11:14<15:00, 58.22it/s]
Training Step:  48%|          | 47573/100000 [11:14<14:48, 58.99it/s]
Training Step:  48%|          | 47579/100000 [11:14<14:56, 58.48it/s]
Training Step:  48%|          | 47585/100000 [11:14<15:35, 56.00it/s]
Training Step:  48%|          | 47591/100000 [11:14<15:55, 54.86it/s]
Training Step:  48%|          | 47597/100000 [11:14<15:59, 54.63it/s]
Training Step:  48%|          | 47603/100000 [11:14<15:36, 55.94it/s]
Training Step:  48%|          | 47610/100000 [11:14<15:11, 57.46it/s]
Training Step:  48%|          | 47617/100000 [11:14<14:48, 58.98it/s]
Training Step:  48%|          | 47623/100000 [11:15<15:01, 58.13it/s]
Training Step:  48%|          | 47629/100000 [11:15<15:12, 57.41it/s]
Training Step:  48%|          | 47636/100000 [11:15<14:53, 58.63it/s]
Training Step:  48%|          | 47642/100000 [11:15<14:57, 58.36it/s]
Training Step:  48%|          | 47648/100000 [11:15<15:02, 58.00it/s]
Training Step:  48%|          | 47654/100000 [11:15<15:11, 57.43it/s]
Training Step:  48%|          | 47660/100000 [11:15<15:22, 56.71it/s]
Training Step:  48%|          | 47666/100000 [11:15<15:13, 57.32it/s]
Training Step:  48%|          | 47672/100000 [11:15<15:16, 57.10it/s]
Training Step:  48%|          | 47679/100000 [11:16<14:55, 58.46it/s]
Training Step:  48%|          | 47685/100000 [11:16<15:05, 57.75it/s]
Training Step:  48%|          | 47691/100000 [11:16<15:00, 58.06it/s]
Training Step:  48%|          | 47697/100000 [11:16<15:12, 57.30it/s]
Training Step:  48%|          | 47703/100000 [11:16<15:41, 55.53it/s]
Training Step:  48%|          | 47709/100000 [11:16<15:51, 54.93it/s]
Training Step:  48%|          | 47715/100000 [11:16<16:09, 53.94it/s]
Training Step:  48%|          | 47721/100000 [11:16<16:13, 53.68it/s]
Training Step:  48%|          | 47727/100000 [11:16<15:50, 54.97it/s]
Training Step:  48%|          | 47733/100000 [11:17<15:29, 56.23it/s]
Training Step:  48%|          | 47740/100000 [11:17<15:10, 57.37it/s]
Training Step:  48%|          | 47747/100000 [11:17<14:49, 58.78it/s]
Training Step:  48%|          | 47753/100000 [11:17<15:05, 57.67it/s]
Training Step:  48%|          | 47759/100000 [11:17<14:59, 58.07it/s]
Training Step:  48%|          | 47765/100000 [11:17<14:55, 58.35it/s]
Training Step:  48%|          | 47772/100000 [11:17<14:40, 59.32it/s]
Training Step:  48%|          | 47778/100000 [11:17<14:39, 59.35it/s]
Training Step:  48%|          | 47785/100000 [11:17<14:13, 61.18it/s]
Training Step:  48%|          | 47792/100000 [11:18<14:28, 60.09it/s]
Training Step:  48%|          | 47799/100000 [11:18<14:29, 60.01it/s]
Training Step:  48%|          | 47806/100000 [11:18<14:30, 59.95it/s]
Training Step:  48%|          | 47812/100000 [11:18<14:39, 59.32it/s]
Training Step:  48%|          | 47818/100000 [11:18<14:46, 58.85it/s]
Training Step:  48%|          | 47825/100000 [11:18<14:32, 59.80it/s]
Training Step:  48%|          | 47831/100000 [11:18<14:34, 59.69it/s]
Training Step:  48%|          | 47837/100000 [11:18<14:40, 59.27it/s]
```

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Training Step:   48%|            | 47843/100000 [11:18<14:51, 58.47it/s]
Training Step:   48%|            | 47850/100000 [11:19<14:55, 58.26it/s]
Training Step:   48%|            | 47857/100000 [11:19<14:38, 59.39it/s]
Training Step:   48%|            | 47863/100000 [11:19<14:42, 59.07it/s]
Training Step:   48%|            | 47870/100000 [11:19<14:36, 59.47it/s]
Training Step:   48%|            | 47876/100000 [11:19<14:36, 59.45it/s]
Training Step:   48%|            | 47882/100000 [11:19<14:41, 59.10it/s]
Training Step:   48%|            | 47888/100000 [11:19<15:16, 56.85it/s]
Training Step:   48%|            | 47894/100000 [11:19<15:22, 56.47it/s]
Training Step:   48%|            | 47900/100000 [11:19<15:37, 55.58it/s]
Training Step:   48%|            | 47906/100000 [11:20<15:52, 54.67it/s]
Training Step:   48%|            | 47912/100000 [11:20<15:58, 54.34it/s]
Training Step:   48%|            | 47918/100000 [11:20<15:41, 55.30it/s]
Training Step:   48%|            | 47924/100000 [11:20<15:40, 55.38it/s]
Training Step:   48%|            | 47930/100000 [11:20<15:49, 54.82it/s]
Training Step:   48%|            | 47936/100000 [11:20<15:51, 54.74it/s]
Training Step:   48%|            | 47942/100000 [11:20<15:46, 54.98it/s]
Training Step:   48%|            | 47948/100000 [11:20<15:48, 54.85it/s]
Training Step:   48%|            | 47954/100000 [11:20<15:53, 54.61it/s]
Training Step:   48%|            | 47960/100000 [11:20<15:55, 54.44it/s]
Training Step:   48%|            | 47966/100000 [11:21<16:08, 53.74it/s]
Training Step:   48%|            | 47972/100000 [11:21<16:16, 53.26it/s]
Training Step:   48%|            | 47978/100000 [11:21<16:17, 53.21it/s]
Training Step:   48%|            | 47984/100000 [11:21<17:12, 50.37it/s]
Training Step:   48%|            | 47990/100000 [11:21<17:51, 48.55it/s]
Training Step:   48%|            | 47995/100000 [11:21<18:10, 47.69it/s]
Training Step:   48%|            | 48000/100000 [11:21<19:49, 43.73it/s]
Training Step:   48%|            | 48005/100000 [11:21<19:57, 43.42it/s]
Training Step:   48%|            | 48010/100000 [11:22<20:08, 43.01it/s]
Training Step:   48%|            | 48015/100000 [11:22<19:46, 43.80it/s]
Training Step:   48%|            | 48020/100000 [11:22<19:40, 44.05it/s]
Training Step:   48%|            | 48025/100000 [11:22<19:13, 45.04it/s]
Training Step:   48%|            | 48030/100000 [11:22<19:29, 44.45it/s]
Training Step:   48%|            | 48035/100000 [11:22<19:05, 45.35it/s]
Training Step:   48%|            | 48040/100000 [11:22<18:58, 45.63it/s]
Training Step:   48%|            | 48045/100000 [11:22<18:28, 46.85it/s]
Training Step:   48%|            | 48050/100000 [11:22<18:23, 47.08it/s]
Training Step:   48%|            | 48055/100000 [11:23<18:10, 47.64it/s]
Training Step:   48%|            | 48060/100000 [11:23<18:35, 46.57it/s]
Training Step:   48%|            | 48066/100000 [11:23<18:20, 47.17it/s]
Training Step:   48%|            | 48071/100000 [11:23<18:11, 47.56it/s]
Training Step:   48%|            | 48076/100000 [11:23<18:32, 46.67it/s]
Training Step:   48%|            | 48081/100000 [11:23<18:32, 46.69it/s]
Training Step:   48%|            | 48086/100000 [11:23<18:16, 47.35it/s]
Training Step:   48%|            | 48092/100000 [11:23<17:50, 48.47it/s]
Training Step:   48%|            | 48097/100000 [11:23<17:41, 48.90it/s]
Training Step:   48%|            | 48102/100000 [11:24<17:56, 48.19it/s]
Training Step:   48%|            | 48108/100000 [11:24<17:17, 50.02it/s]
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Training Step:  48%|         | 48114/100000 [11:24<16:53, 51.18it/s]
Training Step:  48%|         | 48120/100000 [11:24<16:50, 51.35it/s]
Training Step:  48%|         | 48126/100000 [11:24<17:01, 50.79it/s]
Training Step:  48%|         | 48132/100000 [11:24<16:58, 50.94it/s]
Training Step:  48%|         | 48138/100000 [11:24<16:37, 51.99it/s]
Training Step:  48%|         | 48144/100000 [11:24<16:36, 52.04it/s]
Training Step:  48%|         | 48150/100000 [11:24<16:17, 53.06it/s]
Training Step:  48%|         | 48156/100000 [11:25<16:09, 53.50it/s]
Training Step:  48%|         | 48162/100000 [11:25<15:58, 54.10it/s]
Training Step:  48%|         | 48168/100000 [11:25<15:34, 55.44it/s]
Training Step:  48%|         | 48174/100000 [11:25<15:31, 55.63it/s]
Training Step:  48%|         | 48180/100000 [11:25<15:16, 56.55it/s]
Training Step:  48%|         | 48187/100000 [11:25<14:42, 58.73it/s]
Training Step:  48%|         | 48194/100000 [11:25<14:34, 59.24it/s]
Training Step:  48%|         | 48202/100000 [11:25<13:54, 62.11it/s]
Training Step:  48%|         | 48209/100000 [11:25<13:27, 64.11it/s]
Training Step:  48%|         | 48216/100000 [11:26<13:11, 65.41it/s]
Training Step:  48%|         | 48224/100000 [11:26<12:53, 66.91it/s]
Training Step:  48%|         | 48231/100000 [11:26<12:59, 66.45it/s]
Training Step:  48%|         | 48239/100000 [11:26<12:30, 69.00it/s]
Training Step:  48%|         | 48247/100000 [11:26<12:02, 71.61it/s]
Training Step:  48%|         | 48256/100000 [11:26<11:40, 73.92it/s]
Training Step:  48%|         | 48265/100000 [11:26<11:12,
76.95it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
arrive_dest.

Training Step:  48%|         | 48273/100000 [11:26<13:07, 65.69it/s]
Training Step:  48%|         | 48281/100000 [11:26<12:31, 68.81it/s]
Training Step:  48%|         | 48289/100000 [11:27<12:08, 71.03it/s]
Training Step:  48%|         | 48297/100000 [11:27<12:16, 70.22it/s]
Training Step:  48%|         | 48305/100000 [11:27<12:37, 68.24it/s]
Training Step:  48%|         | 48312/100000 [11:27<13:00, 66.24it/s]
Training Step:  48%|         | 48319/100000 [11:27<13:04, 65.84it/s]
Training Step:  48%|         | 48326/100000 [11:27<13:27, 64.00it/s]
Training Step:  48%|         | 48333/100000 [11:27<13:28, 63.90it/s]
Training Step:  48%|         | 48340/100000 [11:27<13:27, 63.99it/s]
Training Step:  48%|         | 48347/100000 [11:27<13:24, 64.23it/s]
Training Step:  48%|         | 48354/100000 [11:28<13:45, 62.53it/s]
Training Step:  48%|         | 48361/100000 [11:28<13:48, 62.35it/s]
Training Step:  48%|         | 48368/100000 [11:28<14:11, 60.62it/s]
Training Step:  48%|         | 48375/100000 [11:28<14:26, 59.56it/s]
Training Step:  48%|         | 48381/100000 [11:28<14:52, 57.83it/s]
Training Step:  48%|         | 48387/100000 [11:28<14:44, 58.33it/s]
Training Step:  48%|         | 48394/100000 [11:28<14:42, 58.49it/s]
Training Step:  48%|         | 48400/100000 [11:28<14:40, 58.58it/s]
Training Step:  48%|         | 48406/100000 [11:28<14:44, 58.32it/s]
Training Step:  48%|         | 48413/100000 [11:29<14:30, 59.28it/s]
Training Step:  48%|         | 48419/100000 [11:29<14:29, 59.32it/s]
```

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Training Step:  48%|          | 48425/100000 [11:29<14:26, 59.51it/s]
Training Step:  48%|          | 48432/100000 [11:29<14:29, 59.29it/s]
Training Step:  48%|          | 48438/100000 [11:29<14:34, 58.99it/s]
Training Step:  48%|          | 48445/100000 [11:29<14:13, 60.41it/s]
Training Step:  48%|          | 48452/100000 [11:29<14:20, 59.90it/s]
Training Step:  48%|          | 48458/100000 [11:29<14:22, 59.76it/s]
Training Step:  48%|          | 48464/100000 [11:29<14:28, 59.32it/s]
Training Step:  48%|          | 48471/100000 [11:30<14:07, 60.82it/s]
Training Step:  48%|          | 48478/100000 [11:30<14:16, 60.17it/s]
Training Step:  48%|          | 48485/100000 [11:30<13:52, 61.88it/s]
Training Step:  48%|          | 48492/100000 [11:30<13:47, 62.24it/s]
Training Step:  48%|          | 48499/100000 [11:30<13:32, 63.35it/s]
Training Step:  49%|          | 48506/100000 [11:30<13:33, 63.26it/s]
Training Step:  49%|          | 48513/100000 [11:30<13:21, 64.21it/s]
Training Step:  49%|          | 48520/100000 [11:30<13:46, 62.28it/s]
Training Step:  49%|          | 48527/100000 [11:30<13:43, 62.51it/s]
Training Step:  49%|          | 48534/100000 [11:31<13:27, 63.71it/s]
Training Step:  49%|          | 48541/100000 [11:31<13:23, 64.03it/s]
Training Step:  49%|          | 48548/100000 [11:31<13:22, 64.09it/s]
Training Step:  49%|          | 48555/100000 [11:31<13:06, 65.39it/s]
Training Step:  49%|          | 48562/100000 [11:31<13:15, 64.67it/s]
Training Step:  49%|          | 48570/100000 [11:31<12:52, 66.57it/s]
Training Step:  49%|          | 48578/100000 [11:31<12:41, 67.50it/s]
Training Step:  49%|          | 48585/100000 [11:31<12:46, 67.07it/s]
Training Step:  49%|          | 48593/100000 [11:31<12:33, 68.21it/s]
Training Step:  49%|          | 48600/100000 [11:32<12:44, 67.21it/s]
Training Step:  49%|          | 48607/100000 [11:32<12:59, 65.96it/s]
Training Step:  49%|          | 48614/100000 [11:32<13:20, 64.21it/s]
Training Step:  49%|          | 48621/100000 [11:32<13:11, 64.91it/s]
Training Step:  49%|          | 48628/100000 [11:32<13:20, 64.18it/s]
Training Step:  49%|          | 48635/100000 [11:32<13:24, 63.85it/s]
Training Step:  49%|          | 48642/100000 [11:32<13:25, 63.78it/s]
Training Step:  49%|          | 48649/100000 [11:32<13:16, 64.44it/s]
Training Step:  49%|          | 48656/100000 [11:32<13:45, 62.20it/s]
Training Step:  49%|          | 48663/100000 [11:33<14:01, 61.03it/s]
Training Step:  49%|          | 48670/100000 [11:33<14:10, 60.35it/s]
Training Step:  49%|          | 48677/100000 [11:33<13:52, 61.62it/s]
Training Step:  49%|          | 48684/100000 [11:33<13:57, 61.24it/s]
Training Step:  49%|          | 48691/100000 [11:33<13:41, 62.43it/s]
Training Step:  49%|          | 48698/100000 [11:33<14:05, 60.67it/s]
Training Step:  49%|          | 48705/100000 [11:33<13:49, 61.86it/s]
Training Step:  49%|          | 48712/100000 [11:33<13:37, 62.71it/s]
Training Step:  49%|          | 48719/100000 [11:33<13:20, 64.03it/s]
Training Step:  49%|          | 48726/100000 [11:34<13:31, 63.22it/s]
Training Step:  49%|          | 48734/100000 [11:34<13:17, 64.31it/s]
Training Step:  49%|          | 48741/100000 [11:34<13:28, 63.44it/s]
Training Step:  49%|          | 48748/100000 [11:34<13:33, 62.99it/s]
Training Step:  49%|          | 48755/100000 [11:34<13:15, 64.38it/s]
```

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Training Step:  49%|            | 48762/100000 [11:34<12:59, 65.77it/s]
Training Step:  49%|            | 48770/100000 [11:34<12:42, 67.15it/s]
Training Step:  49%|            | 48778/100000 [11:34<12:32, 68.08it/s]
Training Step:  49%|            | 48786/100000 [11:34<12:19,
69.28it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:  49%|            | 48793/100000 [11:35<14:31, 58.75it/s]
Training Step:  49%|            | 48801/100000 [11:35<13:25, 63.54it/s]
Training Step:  49%|            | 48809/100000 [11:35<12:41, 67.23it/s]
Training Step:  49%|            | 48816/100000 [11:35<12:57, 65.84it/s]
Training Step:  49%|            | 48823/100000 [11:35<12:52, 66.25it/s]
Training Step:  49%|            | 48830/100000 [11:35<12:57, 65.83it/s]
Training Step:  49%|            | 48837/100000 [11:35<12:50, 66.44it/s]
Training Step:  49%|            | 48844/100000 [11:35<12:55, 65.95it/s]
Training Step:  49%|            | 48852/100000 [11:35<12:48, 66.54it/s]
Training Step:  49%|            | 48859/100000 [11:36<12:52, 66.21it/s]
Training Step:  49%|            | 48866/100000 [11:36<13:05, 65.08it/s]
Training Step:  49%|            | 48873/100000 [11:36<13:12, 64.48it/s]
Training Step:  49%|            | 48880/100000 [11:36<13:35, 62.69it/s]
Training Step:  49%|            | 48887/100000 [11:36<13:38, 62.47it/s]
Training Step:  49%|            | 48894/100000 [11:36<14:06, 60.39it/s]
Training Step:  49%|            | 48901/100000 [11:36<14:08, 60.22it/s]
Training Step:  49%|            | 48908/100000 [11:36<14:25, 59.04it/s]
Training Step:  49%|            | 48915/100000 [11:36<14:06,
60.35it/s][INFO] Episode ended! Scenario Index: 1006 Reason: crash
vehicle

Training Step:  49%|            | 48922/100000 [11:37<15:20, 55.48it/s]
Training Step:  49%|            | 48931/100000 [11:37<13:33, 62.79it/s]
Training Step:  49%|            | 48939/100000 [11:37<12:52, 66.10it/s]
Training Step:  49%|            | 48946/100000 [11:37<13:13, 64.35it/s]
Training Step:  49%|            | 48953/100000 [11:37<13:07, 64.82it/s]
Training Step:  49%|            | 48960/100000 [11:37<13:30, 62.96it/s]
Training Step:  49%|            | 48967/100000 [11:37<13:15, 64.18it/s]
Training Step:  49%|            | 48974/100000 [11:37<13:42, 62.01it/s]
Training Step:  49%|            | 48981/100000 [11:38<13:21, 63.66it/s]
Training Step:  49%|            | 48988/100000 [11:38<13:23, 63.48it/s]
Training Step:  49%|            | 48995/100000 [11:38<13:27, 63.19it/s]
Training Step:  49%|            | 49002/100000 [11:38<13:38, 62.31it/s]
Training Step:  49%|            | 49009/100000 [11:38<13:48, 61.55it/s]
Training Step:  49%|            | 49016/100000 [11:38<13:42, 61.99it/s]
Training Step:  49%|            | 49023/100000 [11:38<13:42, 61.98it/s]
Training Step:  49%|            | 49030/100000 [11:38<13:55, 60.99it/s]
Training Step:  49%|            | 49037/100000 [11:38<13:49, 61.44it/s]
Training Step:  49%|            | 49044/100000 [11:39<13:58, 60.79it/s]
Training Step:  49%|            | 49051/100000 [11:39<13:53, 61.13it/s]
Training Step:  49%|            | 49058/100000 [11:39<13:39, 62.19it/s]
```

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Training Step:  49%|         | 49065/100000 [11:39<13:29, 62.96it/s]
Training Step:  49%|         | 49072/100000 [11:39<13:37, 62.29it/s]
Training Step:  49%|         | 49079/100000 [11:39<13:30, 62.83it/s]
Training Step:  49%|         | 49086/100000 [11:39<13:41, 61.97it/s]
Training Step:  49%|         | 49093/100000 [11:39<13:34, 62.46it/s]
Training Step:  49%|         | 49100/100000 [11:39<14:00, 60.53it/s]
Training Step:  49%|         | 49107/100000 [11:40<13:59, 60.63it/s]
Training Step:  49%|         | 49114/100000 [11:40<14:02, 60.39it/s]
Training Step:  49%|         | 49121/100000 [11:40<13:58, 60.69it/s]
Training Step:  49%|         | 49128/100000 [11:40<14:06, 60.12it/s]
Training Step:  49%|         | 49135/100000 [11:40<14:18, 59.27it/s]
Training Step:  49%|         | 49141/100000 [11:40<14:26, 58.68it/s]
Training Step:  49%|         | 49147/100000 [11:40<14:21, 59.04it/s]
Training Step:  49%|         | 49153/100000 [11:40<14:19, 59.14it/s]
Training Step:  49%|         | 49159/100000 [11:40<14:25, 58.72it/s]
Training Step:  49%|         | 49165/100000 [11:41<14:22, 58.92it/s]
Training Step:  49%|         | 49172/100000 [11:41<14:13, 59.54it/s]
Training Step:  49%|         | 49179/100000 [11:41<14:02, 60.29it/s]
Training Step:  49%|         | 49186/100000 [11:41<13:46, 61.47it/s]
Training Step:  49%|         | 49194/100000 [11:41<13:14, 63.98it/s]
Training Step:  49%|         | 49201/100000 [11:41<13:00, 65.12it/s]
Training Step:  49%|         | 49208/100000 [11:41<13:26, 63.01it/s]
Training Step:  49%|         | 49215/100000 [11:41<13:17, 63.64it/s]
Training Step:  49%|         | 49222/100000 [11:41<13:23, 63.19it/s]
Training Step:  49%|         | 49229/100000 [11:42<13:17, 63.67it/s]
Training Step:  49%|         | 49236/100000 [11:42<13:26, 62.97it/s]
Training Step:  49%|         | 49243/100000 [11:42<13:08, 64.39it/s]
Training Step:  49%|         | 49250/100000 [11:42<13:17, 63.64it/s]
Training Step:  49%|         | 49257/100000 [11:42<13:13, 63.99it/s]
Training Step:  49%|         | 49264/100000 [11:42<13:27, 62.85it/s]
Training Step:  49%|         | 49271/100000 [11:42<13:19, 63.43it/s]
Training Step:  49%|         | 49278/100000 [11:42<13:12, 64.01it/s]
Training Step:  49%|         | 49286/100000 [11:42<12:47, 66.09it/s]
Training Step:  49%|         | 49294/100000 [11:43<12:22, 68.26it/s]
Training Step:  49%|         | 49302/100000 [11:43<12:02, 70.18it/s]
Training Step:  49%|         | 49310/100000 [11:43<11:42, 72.13it/s]
Training Step:  49%|         | 49318/100000 [11:43<11:27, 73.74it/s]
Training Step:  49%|         | 49326/100000 [11:43<11:14,
75.11it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
arrive_dest.

Training Step:  49%|         | 49334/100000 [11:43<12:28, 67.70it/s]
Training Step:  49%|         | 49343/100000 [11:43<11:42, 72.13it/s]
Training Step:  49%|         | 49351/100000 [11:43<11:25, 73.87it/s]
Training Step:  49%|         | 49359/100000 [11:43<11:54, 70.89it/s]
Training Step:  49%|         | 49367/100000 [11:44<12:20, 68.34it/s]
Training Step:  49%|         | 49374/100000 [11:44<12:44, 66.22it/s]
Training Step:  49%|         | 49381/100000 [11:44<12:40, 66.52it/s]
```

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Training Step:  49%|              | 49388/100000 [11:44<12:52, 65.50it/s]
Training Step:  49%|              | 49395/100000 [11:44<12:54, 65.30it/s]
Training Step:  49%|              | 49402/100000 [11:44<13:19, 63.26it/s]
Training Step:  49%|              | 49409/100000 [11:44<13:31, 62.37it/s]
Training Step:  49%|              | 49416/100000 [11:44<13:47, 61.11it/s]
Training Step:  49%|              | 49423/100000 [11:44<13:54, 60.58it/s]
Training Step:  49%|              | 49430/100000 [11:45<14:04, 59.88it/s]
Training Step:  49%|              | 49437/100000 [11:45<13:51, 60.81it/s]
Training Step:  49%|              | 49444/100000 [11:45<14:06, 59.74it/s]
Training Step:  49%|              | 49450/100000 [11:45<14:05, 59.81it/s]
Training Step:  49%|              | 49457/100000 [11:45<13:40, 61.60it/s]
Training Step:  49%|              | 49464/100000 [11:45<13:56, 60.40it/s]
Training Step:  49%|              | 49471/100000 [11:45<13:47, 61.03it/s]
Training Step:  49%|              | 49478/100000 [11:45<13:39, 61.63it/s]
Training Step:  49%|              | 49485/100000 [11:45<13:18, 63.24it/s]
Training Step:  49%|              | 49492/100000 [11:46<13:45, 61.19it/s]
Training Step:  49%|              | 49499/100000 [11:46<13:41, 61.48it/s]
Training Step:  50%|              | 49506/100000 [11:46<13:57, 60.27it/s]
Training Step:  50%|              | 49513/100000 [11:46<13:48, 60.92it/s]
Training Step:  50%|              | 49520/100000 [11:46<14:08, 59.51it/s]
Training Step:  50%|              | 49527/100000 [11:46<13:55, 60.38it/s]
Training Step:  50%|              | 49534/100000 [11:46<14:15, 58.99it/s]
Training Step:  50%|              | 49541/100000 [11:46<14:05, 59.70it/s]
Training Step:  50%|              | 49547/100000 [11:47<14:13, 59.14it/s]
Training Step:  50%|              | 49553/100000 [11:47<14:14, 59.05it/s]
Training Step:  50%|              | 49560/100000 [11:47<14:10, 59.30it/s]
Training Step:  50%|              | 49566/100000 [11:47<14:24, 58.36it/s]
Training Step:  50%|              | 49573/100000 [11:47<14:05, 59.61it/s]
Training Step:  50%|              | 49579/100000 [11:47<14:16, 58.90it/s]
Training Step:  50%|              | 49586/100000 [11:47<14:04, 59.68it/s]
Training Step:  50%|              | 49593/100000 [11:47<13:33, 61.95it/s]
Training Step:  50%|              | 49600/100000 [11:47<13:29, 62.29it/s]
Training Step:  50%|              | 49607/100000 [11:48<13:41, 61.35it/s]
Training Step:  50%|              | 49614/100000 [11:48<13:34, 61.86it/s]
Training Step:  50%|              | 49621/100000 [11:48<13:16, 63.24it/s]
Training Step:  50%|              | 49628/100000 [11:48<13:30, 62.12it/s]
Training Step:  50%|              | 49635/100000 [11:48<13:20, 62.95it/s]
Training Step:  50%|              | 49642/100000 [11:48<13:27, 62.38it/s]
Training Step:  50%|              | 49649/100000 [11:48<13:24, 62.58it/s]
Training Step:  50%|              | 49656/100000 [11:48<13:39, 61.40it/s]
Training Step:  50%|              | 49663/100000 [11:48<13:31, 62.05it/s]
Training Step:  50%|              | 49670/100000 [11:49<13:27, 62.36it/s]
Training Step:  50%|              | 49677/100000 [11:49<13:28, 62.23it/s]
Training Step:  50%|              | 49684/100000 [11:49<13:27, 62.31it/s]
Training Step:  50%|              | 49691/100000 [11:49<13:05, 64.08it/s]
Training Step:  50%|              | 49698/100000 [11:49<12:47, 65.57it/s]
Training Step:  50%|              | 49706/100000 [11:49<12:20, 67.95it/s]
Training Step:  50%|              | 49714/100000 [11:49<11:58, 69.99it/s]
```

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Training Step:  50%|              | 49722/100000 [11:49<11:40, 71.82it/s]
Training Step:  50%|              | 49730/100000 [11:49<11:25, 73.33it/s]
Training Step:  50%|              | 49738/100000 [11:49<11:17, 74.18it/s]
Training Step:  50%|              | 49747/100000 [11:50<10:45,
77.85it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
arrive_dest.

Training Step:  50%|              | 49755/100000 [11:50<11:45, 71.25it/s]
Training Step:  50%|              | 49764/100000 [11:50<11:12, 74.74it/s]
Training Step:  50%|              | 49773/100000 [11:50<10:44, 77.88it/s]
Training Step:  50%|              | 49781/100000 [11:50<10:39, 78.47it/s]
Training Step:  50%|              | 49789/100000 [11:50<10:46, 77.62it/s]
Training Step:  50%|              | 49797/100000 [11:50<10:45, 77.81it/s]
Training Step:  50%|              | 49805/100000 [11:50<10:43, 77.99it/s]
Training Step:  50%|              | 49814/100000 [11:50<10:42, 78.08it/s]
Training Step:  50%|              | 49822/100000 [11:51<10:47, 77.52it/s]
Training Step:  50%|              | 49830/100000 [11:51<10:45, 77.78it/s]
Training Step:  50%|              | 49838/100000 [11:51<10:43, 77.97it/s]
Training Step:  50%|              | 49846/100000 [11:51<10:45, 77.66it/s]
Training Step:  50%|              | 49854/100000 [11:51<10:47, 77.44it/s]
Training Step:  50%|              | 49862/100000 [11:51<10:58, 76.19it/s]
Training Step:  50%|              | 49870/100000 [11:51<11:39, 71.70it/s]
Training Step:  50%|              | 49878/100000 [11:51<11:41, 71.43it/s]
Training Step:  50%|              | 49886/100000 [11:51<11:39, 71.62it/s]
Training Step:  50%|              | 49894/100000 [11:52<11:43, 71.18it/s]
Training Step:  50%|              | 49902/100000 [11:52<11:59, 69.58it/s]
Training Step:  50%|              | 49909/100000 [11:52<12:08,
68.76it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  50%|              | 49916/100000 [11:52<14:49, 56.33it/s]
Training Step:  50%|              | 49924/100000 [11:52<13:50, 60.33it/s]
Training Step:  50%|              | 49932/100000 [11:52<13:00, 64.17it/s]
Training Step:  50%|              | 49939/100000 [11:52<13:22, 62.39it/s]
Training Step:  50%|              | 49946/100000 [11:52<14:01, 59.51it/s]
Training Step:  50%|              | 49953/100000 [11:53<14:28, 57.62it/s]
Training Step:  50%|              | 49959/100000 [11:53<14:32, 57.35it/s]
Training Step:  50%|              | 49965/100000 [11:53<14:35, 57.14it/s]
Training Step:  50%|              | 49971/100000 [11:53<14:35, 57.14it/s]
Training Step:  50%|              | 49977/100000 [11:53<16:05, 51.79it/s]
Training Step:  50%|              | 49983/100000 [11:53<15:56, 52.29it/s]
Training Step:  50%|              | 49989/100000 [11:53<15:37, 53.35it/s]
Training Step:  50%|              | 49995/100000 [11:53<15:26, 53.98it/s]
Training Step:  50%|              | 50001/100000 [11:53<16:10, 51.53it/s]
Training Step:  50%|              | 50007/100000 [11:54<15:41, 53.08it/s]
Training Step:  50%|              | 50013/100000 [11:54<15:31, 53.65it/s]
Training Step:  50%|              | 50019/100000 [11:54<15:24, 54.06it/s]
Training Step:  50%|              | 50025/100000 [11:54<15:02, 55.40it/s]
```

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Training Step:  50%|         | 50032/100000 [11:54<14:49, 56.19it/s]
Training Step:  50%|         | 50038/100000 [11:54<14:56, 55.71it/s]
Training Step:  50%|         | 50045/100000 [11:54<14:22, 57.90it/s]
Training Step:  50%|         | 50052/100000 [11:54<14:13, 58.50it/s]
Training Step:  50%|         | 50058/100000 [11:54<14:15, 58.35it/s]
Training Step:  50%|         | 50064/100000 [11:55<14:23, 57.84it/s]
Training Step:  50%|         | 50071/100000 [11:55<14:09, 58.76it/s]
Training Step:  50%|         | 50077/100000 [11:55<14:30, 57.34it/s]
Training Step:  50%|         | 50083/100000 [11:55<14:36, 56.97it/s]
Training Step:  50%|         | 50089/100000 [11:55<14:29, 57.41it/s]
Training Step:  50%|         | 50095/100000 [11:55<14:25, 57.66it/s]
Training Step:  50%|         | 50101/100000 [11:55<14:20, 58.00it/s]
Training Step:  50%|         | 50107/100000 [11:55<14:16, 58.24it/s]
Training Step:  50%|         | 50113/100000 [11:55<14:09, 58.75it/s]
Training Step:  50%|         | 50119/100000 [11:56<14:11, 58.60it/s]
Training Step:  50%|         | 50126/100000 [11:56<13:58, 59.50it/s]
Training Step:  50%|         | 50132/100000 [11:56<14:00, 59.31it/s]
Training Step:  50%|         | 50139/100000 [11:56<13:44, 60.48it/s]
Training Step:  50%|         | 50146/100000 [11:56<13:51, 59.94it/s]
Training Step:  50%|         | 50152/100000 [11:56<13:56, 59.62it/s]
Training Step:  50%|         | 50158/100000 [11:56<13:56, 59.56it/s]
Training Step:  50%|         | 50164/100000 [11:56<13:57, 59.52it/s]
Training Step:  50%|         | 50170/100000 [11:56<13:55, 59.65it/s]
Training Step:  50%|         | 50176/100000 [11:56<13:58, 59.41it/s]
Training Step:  50%|         | 50183/100000 [11:57<13:44, 60.39it/s]
Training Step:  50%|         | 50190/100000 [11:57<13:51, 59.88it/s]
Training Step:  50%|         | 50197/100000 [11:57<13:38, 60.84it/s]
Training Step:  50%|         | 50204/100000 [11:57<13:57, 59.48it/s]
Training Step:  50%|         | 50210/100000 [11:57<13:55, 59.62it/s]
Training Step:  50%|         | 50217/100000 [11:57<13:47, 60.17it/s]
Training Step:  50%|         | 50224/100000 [11:57<13:59, 59.28it/s]
Training Step:  50%|         | 50231/100000 [11:57<13:44, 60.39it/s]
Training Step:  50%|         | 50238/100000 [11:58<13:59, 59.29it/s]
Training Step:  50%|         | 50244/100000 [11:58<13:58, 59.32it/s]
Training Step:  50%|         | 50250/100000 [11:58<14:02, 59.02it/s]
Training Step:  50%|         | 50256/100000 [11:58<14:24, 57.51it/s]
Training Step:  50%|         | 50262/100000 [11:58<14:19, 57.88it/s]
Training Step:  50%|         | 50268/100000 [11:58<14:17, 57.99it/s]
Training Step:  50%|         | 50274/100000 [11:58<14:26, 57.41it/s]
Training Step:  50%|         | 50281/100000 [11:58<14:05, 58.83it/s]
Training Step:  50%|         | 50287/100000 [11:58<14:12, 58.33it/s]
Training Step:  50%|         | 50293/100000 [11:58<14:17, 57.98it/s]
Training Step:  50%|         | 50299/100000 [11:59<14:33, 56.93it/s]
Training Step:  50%|         | 50305/100000 [11:59<14:58, 55.28it/s]
Training Step:  50%|         | 50311/100000 [11:59<15:02, 55.06it/s]
Training Step:  50%|         | 50317/100000 [11:59<15:12, 54.46it/s]
Training Step:  50%|         | 50323/100000 [11:59<15:46, 52.49it/s]
Training Step:  50%|         | 50329/100000 [11:59<15:55, 51.97it/s]
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Training Step:  50%|          | 50335/100000 [11:59<15:54, 52.03it/s]
Training Step:  50%|          | 50341/100000 [11:59<15:43, 52.62it/s]
Training Step:  50%|          | 50347/100000 [12:00<15:46, 52.49it/s]
Training Step:  50%|          | 50353/100000 [12:00<15:35, 53.09it/s]
Training Step:  50%|          | 50359/100000 [12:00<15:22, 53.80it/s]
Training Step:  50%|          | 50365/100000 [12:00<15:26, 53.59it/s]
Training Step:  50%|          | 50371/100000 [12:00<15:38, 52.88it/s]
Training Step:  50%|          | 50377/100000 [12:00<16:39, 49.66it/s]
Training Step:  50%|          | 50383/100000 [12:00<17:11, 48.08it/s]
Training Step:  50%|          | 50388/100000 [12:00<17:48, 46.44it/s]
Training Step:  50%|          | 50393/100000 [12:00<17:59, 45.93it/s]
Training Step:  50%|          | 50398/100000 [12:01<18:16, 45.22it/s]
Training Step:  50%|          | 50403/100000 [12:01<18:18, 45.17it/s]
Training Step:  50%|          | 50408/100000 [12:01<18:44, 44.09it/s]
Training Step:  50%|          | 50413/100000 [12:01<18:29, 44.71it/s]
Training Step:  50%|          | 50418/100000 [12:01<18:41, 44.23it/s]
Training Step:  50%|          | 50423/100000 [12:01<18:40, 44.23it/s]
Training Step:  50%|          | 50428/100000 [12:01<19:17, 42.82it/s]
Training Step:  50%|          | 50433/100000 [12:01<18:50, 43.85it/s]
Training Step:  50%|          | 50438/100000 [12:01<18:56, 43.62it/s]
Training Step:  50%|          | 50443/100000 [12:02<18:42, 44.16it/s]
Training Step:  50%|          | 50448/100000 [12:02<19:05, 43.27it/s]
Training Step:  50%|          | 50453/100000 [12:02<18:48, 43.90it/s]
Training Step:  50%|          | 50458/100000 [12:02<19:15, 42.87it/s]
Training Step:  50%|          | 50463/100000 [12:02<18:52, 43.73it/s]
Training Step:  50%|          | 50468/100000 [12:02<18:45, 44.00it/s]
Training Step:  50%|          | 50474/100000 [12:02<18:08, 45.51it/s]
Training Step:  50%|          | 50479/100000 [12:02<17:51, 46.22it/s]
Training Step:  50%|          | 50484/100000 [12:03<17:47, 46.37it/s]
Training Step:  50%|          | 50490/100000 [12:03<17:24, 47.39it/s]
Training Step:  50%|          | 50495/100000 [12:03<17:14, 47.84it/s]
Training Step:  50%|          | 50500/100000 [12:03<17:07, 48.18it/s]
Training Step:  51%|          | 50506/100000 [12:03<16:46, 49.16it/s]
Training Step:  51%|          | 50511/100000 [12:03<16:58, 48.58it/s]
Training Step:  51%|          | 50516/100000 [12:03<17:18, 47.64it/s]
Training Step:  51%|          | 50522/100000 [12:03<17:05, 48.27it/s]
Training Step:  51%|          | 50528/100000 [12:03<16:53, 48.84it/s]
Training Step:  51%|          | 50534/100000 [12:04<16:34, 49.76it/s]
Training Step:  51%|          | 50540/100000 [12:04<16:23, 50.27it/s]
Training Step:  51%|          | 50546/100000 [12:04<15:54, 51.78it/s]
Training Step:  51%|          | 50552/100000 [12:04<15:30, 53.16it/s]
Training Step:  51%|          | 50558/100000 [12:04<15:30, 53.14it/s]
Training Step:  51%|          | 50564/100000 [12:04<15:13, 54.14it/s]
Training Step:  51%|          | 50570/100000 [12:04<15:00, 54.86it/s]
Training Step:  51%|          | 50577/100000 [12:04<14:28, 56.89it/s]
Training Step:  51%|          | 50584/100000 [12:04<14:14, 57.80it/s]
Training Step:  51%|          | 50591/100000 [12:05<13:52, 59.37it/s]
Training Step:  51%|          | 50598/100000 [12:05<13:41, 60.15it/s]
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Training Step:  51%|          | 50606/100000 [12:05<13:03, 63.02it/s]
Training Step:  51%|          | 50613/100000 [12:05<12:40, 64.94it/s]
Training Step:  51%|          | 50620/100000 [12:05<12:36, 65.26it/s]
Training Step:  51%|          | 50628/100000 [12:05<12:13, 67.34it/s]
Training Step:  51%|          | 50636/100000 [12:05<12:01, 68.40it/s]
Training Step:  51%|          | 50644/100000 [12:05<11:53, 69.13it/s]
Training Step:  51%|          | 50652/100000 [12:05<11:31, 71.37it/s]
Training Step:  51%|          | 50661/100000 [12:05<10:52, 75.56it/s]
Training Step:  51%|          | 50669/100000 [12:06<10:43, 76.61it/s]
Training Step:  51%|          | 50678/100000 [12:06<10:35,
77.57it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
arrive_dest.

Training Step:  51%|          | 50686/100000 [12:06<12:20, 66.60it/s]
Training Step:  51%|          | 50694/100000 [12:06<11:47, 69.69it/s]
Training Step:  51%|          | 50702/100000 [12:06<11:22, 72.25it/s]
Training Step:  51%|          | 50710/100000 [12:06<11:26, 71.81it/s]
Training Step:  51%|          | 50718/100000 [12:06<11:23, 72.08it/s]
Training Step:  51%|          | 50726/100000 [12:06<11:19, 72.47it/s]
Training Step:  51%|          | 50734/100000 [12:07<11:19, 72.55it/s]
Training Step:  51%|          | 50742/100000 [12:07<11:18, 72.60it/s]
Training Step:  51%|          | 50750/100000 [12:07<11:29, 71.47it/s]
Training Step:  51%|          | 50758/100000 [12:07<11:34, 70.89it/s]
Training Step:  51%|          | 50766/100000 [12:07<11:44, 69.93it/s]
Training Step:  51%|          | 50774/100000 [12:07<12:03, 68.04it/s]
Training Step:  51%|          | 50782/100000 [12:07<12:09, 67.45it/s]
Training Step:  51%|          | 50790/100000 [12:07<12:06, 67.73it/s]
Training Step:  51%|          | 50797/100000 [12:07<12:00, 68.33it/s]
Training Step:  51%|          | 50804/100000 [12:08<12:01, 68.23it/s]
Training Step:  51%|          | 50811/100000 [12:08<11:57, 68.53it/s]
Training Step:  51%|          | 50818/100000 [12:08<12:05, 67.79it/s]
Training Step:  51%|          | 50825/100000 [12:08<12:22, 66.23it/s]
Training Step:  51%|          | 50832/100000 [12:08<12:16, 66.80it/s]
Training Step:  51%|          | 50840/100000 [12:08<12:05, 67.76it/s]
Training Step:  51%|          | 50847/100000 [12:08<12:02, 68.00it/s]
Training Step:  51%|          | 50855/100000 [12:08<11:45, 69.64it/s]
Training Step:  51%|          | 50862/100000 [12:08<11:46, 69.55it/s]
Training Step:  51%|          | 50870/100000 [12:09<11:54, 68.79it/s]
Training Step:  51%|          | 50877/100000 [12:09<12:20, 66.33it/s]
Training Step:  51%|          | 50884/100000 [12:09<12:47, 63.97it/s]
Training Step:  51%|          | 50891/100000 [12:09<13:09, 62.21it/s]
Training Step:  51%|          | 50898/100000 [12:09<13:12, 61.97it/s]
Training Step:  51%|          | 50905/100000 [12:09<13:33, 60.38it/s]
Training Step:  51%|          | 50912/100000 [12:09<13:45, 59.46it/s]
Training Step:  51%|          | 50918/100000 [12:09<13:45, 59.44it/s]
Training Step:  51%|          | 50924/100000 [12:09<14:03, 58.16it/s]
Training Step:  51%|          | 50930/100000 [12:10<14:19, 57.09it/s]
Training Step:  51%|          | 50936/100000 [12:10<14:12, 57.58it/s]
```

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Training Step:  51%|          | 50942/100000 [12:10<14:09, 57.77it/s]
Training Step:  51%|          | 50948/100000 [12:10<14:26, 56.63it/s]
Training Step:  51%|          | 50954/100000 [12:10<14:18, 57.10it/s]
Training Step:  51%|          | 50960/100000 [12:10<14:34, 56.06it/s]
Training Step:  51%|          | 50966/100000 [12:10<14:47, 55.27it/s]
Training Step:  51%|          | 50972/100000 [12:10<15:12, 53.73it/s]
Training Step:  51%|          | 50978/100000 [12:10<15:05, 54.12it/s]
Training Step:  51%|          | 50984/100000 [12:11<14:51, 54.99it/s]
Training Step:  51%|          | 50990/100000 [12:11<14:58, 54.56it/s]
Training Step:  51%|          | 50996/100000 [12:11<15:00, 54.40it/s]
Training Step:  51%|          | 51002/100000 [12:11<14:52, 54.90it/s]
Training Step:  51%|          | 51008/100000 [12:11<15:28, 52.77it/s]
Training Step:  51%|          | 51014/100000 [12:11<15:19, 53.29it/s]
Training Step:  51%|          | 51020/100000 [12:11<15:10, 53.80it/s]
Training Step:  51%|          | 51026/100000 [12:11<14:54, 54.76it/s]
Training Step:  51%|          | 51032/100000 [12:11<14:35, 55.92it/s]
Training Step:  51%|          | 51039/100000 [12:12<14:04, 57.95it/s]
Training Step:  51%|          | 51046/100000 [12:12<13:58, 58.39it/s]
Training Step:  51%|          | 51052/100000 [12:12<14:03, 58.03it/s]
Training Step:  51%|          | 51058/100000 [12:12<14:04, 57.93it/s]
Training Step:  51%|          | 51064/100000 [12:12<14:12, 57.38it/s]
Training Step:  51%|          | 51071/100000 [12:12<13:56, 58.47it/s]
Training Step:  51%|          | 51078/100000 [12:12<13:39, 59.70it/s]
Training Step:  51%|          | 51085/100000 [12:12<13:27, 60.57it/s]
Training Step:  51%|          | 51092/100000 [12:12<13:10, 61.88it/s]
Training Step:  51%|          | 51100/100000 [12:13<12:49, 63.57it/s]
Training Step:  51%|          | 51107/100000 [12:13<12:30, 65.16it/s]
Training Step:  51%|          | 51114/100000 [12:13<12:25, 65.60it/s]
Training Step:  51%|          | 51122/100000 [12:13<12:15, 66.48it/s]
Training Step:  51%|          | 51130/100000 [12:13<12:00, 67.80it/s]
Training Step:  51%|          | 51138/100000 [12:13<11:54, 68.34it/s]
Training Step:  51%|          | 51145/100000 [12:13<11:52, 68.61it/s]
Training Step:  51%|          | 51152/100000 [12:13<12:01, 67.66it/s]
Training Step:  51%|          | 51160/100000 [12:13<11:55, 68.26it/s]
Training Step:  51%|          | 51168/100000 [12:13<11:43, 69.40it/s]
Training Step:  51%|          | 51176/100000 [12:14<11:16, 72.17it/s]
Training Step:  51%|          | 51184/100000 [12:14<11:01, 73.77it/s]
Training Step:  51%|          | 51192/100000 [12:14<11:08, 73.04it/s]
Training Step:  51%|          | 51200/100000 [12:14<11:07,
73.15it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  51%|          | 51208/100000 [12:14<12:51, 63.25it/s]
Training Step:  51%|          | 51217/100000 [12:14<11:50, 68.66it/s]
Training Step:  51%|          | 51225/100000 [12:14<11:22, 71.45it/s]
Training Step:  51%|          | 51234/100000 [12:14<10:54, 74.47it/s]
Training Step:  51%|          | 51242/100000 [12:15<11:00, 73.85it/s]
Training Step:  51%|          | 51250/100000 [12:15<11:01, 73.68it/s]
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Training Step:  51%|        | 51258/100000 [12:15<11:07, 73.00it/s]
Training Step:  51%|        | 51266/100000 [12:15<11:13, 72.33it/s]
Training Step:  51%|        | 51274/100000 [12:15<11:07, 73.04it/s]
Training Step:  51%|        | 51282/100000 [12:15<11:11, 72.55it/s]
Training Step:  51%|        | 51290/100000 [12:15<11:10, 72.61it/s]
Training Step:  51%|        | 51298/100000 [12:15<11:23, 71.29it/s]
Training Step:  51%|        | 51306/100000 [12:15<11:26, 70.95it/s]
Training Step:  51%|        | 51314/100000 [12:16<11:43, 69.25it/s]
Training Step:  51%|        | 51321/100000 [12:16<11:42, 69.27it/s]
Training Step:  51%|        | 51328/100000 [12:16<12:15, 66.16it/s]
Training Step:  51%|        | 51335/100000 [12:16<12:21, 65.59it/s]
Training Step:  51%|        | 51342/100000 [12:16<13:26, 60.30it/s]
Training Step:  51%|        | 51349/100000 [12:16<13:51, 58.54it/s]
Training Step:  51%|        | 51355/100000 [12:16<14:13, 57.00it/s]
Training Step:  51%|        | 51361/100000 [12:16<14:21, 56.45it/s]
Training Step:  51%|        | 51367/100000 [12:16<14:25,
56.20it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:  51%|        | 51373/100000 [12:17<16:52, 48.04it/s]
Training Step:  51%|        | 51380/100000 [12:17<15:22, 52.72it/s]
Training Step:  51%|        | 51388/100000 [12:17<14:05, 57.50it/s]
Training Step:  51%|        | 51395/100000 [12:17<13:51, 58.48it/s]
Training Step:  51%|        | 51401/100000 [12:17<13:58, 57.96it/s]
Training Step:  51%|        | 51408/100000 [12:17<13:41, 59.14it/s]
Training Step:  51%|        | 51415/100000 [12:17<13:23, 60.45it/s]
Training Step:  51%|        | 51422/100000 [12:17<13:36, 59.48it/s]
Training Step:  51%|        | 51429/100000 [12:18<13:22, 60.52it/s]
Training Step:  51%|        | 51436/100000 [12:18<13:39, 59.23it/s]
Training Step:  51%|        | 51442/100000 [12:18<13:43, 58.96it/s]
Training Step:  51%|        | 51448/100000 [12:18<13:48, 58.60it/s]
Training Step:  51%|        | 51455/100000 [12:18<13:29, 59.95it/s]
Training Step:  51%|        | 51462/100000 [12:18<13:58, 57.90it/s]
Training Step:  51%|        | 51468/100000 [12:18<14:07, 57.24it/s]
Training Step:  51%|        | 51475/100000 [12:18<13:34, 59.59it/s]
Training Step:  51%|        | 51481/100000 [12:18<13:52, 58.25it/s]
Training Step:  51%|        | 51488/100000 [12:19<13:41, 59.05it/s]
Training Step:  51%|        | 51495/100000 [12:19<13:14, 61.07it/s]
Training Step:  52%|        | 51502/100000 [12:19<13:51, 58.34it/s]
Training Step:  52%|        | 51508/100000 [12:19<14:11, 56.93it/s]
Training Step:  52%|        | 51514/100000 [12:19<14:26, 55.93it/s]
Training Step:  52%|        | 51520/100000 [12:19<14:48, 54.58it/s]
Training Step:  52%|        | 51526/100000 [12:19<14:55, 54.13it/s]
Training Step:  52%|        | 51532/100000 [12:19<15:07, 53.41it/s]
Training Step:  52%|        | 51538/100000 [12:19<15:08, 53.32it/s]
Training Step:  52%|        | 51544/100000 [12:20<15:17, 52.83it/s]
Training Step:  52%|        | 51550/100000 [12:20<15:22, 52.50it/s]
Training Step:  52%|        | 51556/100000 [12:20<15:31, 51.99it/s]
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Training Step:  52%|          | 51562/100000 [12:20<15:30, 52.05it/s]
Training Step:  52%|          | 51568/100000 [12:20<15:41, 51.42it/s]
Training Step:  52%|          | 51574/100000 [12:20<16:13, 49.72it/s]
Training Step:  52%|          | 51580/100000 [12:20<16:19, 49.43it/s]
Training Step:  52%|          | 51586/100000 [12:20<16:20, 49.36it/s]
Training Step:  52%|          | 51592/100000 [12:21<16:24, 49.18it/s]
Training Step:  52%|          | 51597/100000 [12:21<16:30, 48.89it/s]
Training Step:  52%|          | 51602/100000 [12:21<16:42, 48.28it/s]
Training Step:  52%|          | 51607/100000 [12:21<16:57, 47.57it/s]
Training Step:  52%|          | 51612/100000 [12:21<17:49, 45.25it/s]
Training Step:  52%|          | 51617/100000 [12:21<18:20, 43.97it/s]
Training Step:  52%|          | 51622/100000 [12:21<19:12, 41.99it/s]
Training Step:  52%|          | 51627/100000 [12:21<19:08, 42.13it/s]
Training Step:  52%|          | 51632/100000 [12:21<19:37, 41.07it/s]
Training Step:  52%|          | 51637/100000 [12:22<19:49, 40.65it/s]
Training Step:  52%|          | 51642/100000 [12:22<20:12, 39.88it/s]
Training Step:  52%|          | 51647/100000 [12:22<19:59, 40.30it/s]
Training Step:  52%|          | 51652/100000 [12:22<20:08, 40.02it/s]
Training Step:  52%|          | 51657/100000 [12:22<20:02, 40.20it/s]
Training Step:  52%|          | 51662/100000 [12:22<20:12, 39.85it/s]
Training Step:  52%|          | 51666/100000 [12:22<20:33, 39.19it/s]
Training Step:  52%|          | 51671/100000 [12:22<19:55, 40.44it/s]
Training Step:  52%|          | 51676/100000 [12:23<19:26, 41.44it/s]
Training Step:  52%|          | 51681/100000 [12:23<18:36, 43.27it/s]
Training Step:  52%|          | 51686/100000 [12:23<18:29, 43.56it/s]
Training Step:  52%|          | 51691/100000 [12:23<18:58, 42.42it/s]
Training Step:  52%|          | 51696/100000 [12:23<18:47, 42.84it/s]
Training Step:  52%|          | 51701/100000 [12:23<18:07, 44.42it/s]
Training Step:  52%|          | 51706/100000 [12:23<18:14, 44.13it/s]
Training Step:  52%|          | 51711/100000 [12:23<17:57, 44.80it/s]
Training Step:  52%|          | 51716/100000 [12:23<17:54, 44.93it/s]
Training Step:  52%|          | 51721/100000 [12:24<17:26, 46.14it/s]
Training Step:  52%|          | 51726/100000 [12:24<17:19, 46.44it/s]
Training Step:  52%|          | 51731/100000 [12:24<17:05, 47.05it/s]
Training Step:  52%|          | 51736/100000 [12:24<17:10, 46.82it/s]
Training Step:  52%|          | 51741/100000 [12:24<17:00, 47.31it/s]
Training Step:  52%|          | 51746/100000 [12:24<16:55, 47.54it/s]
Training Step:  52%|          | 51751/100000 [12:24<16:48, 47.83it/s]
Training Step:  52%|          | 51756/100000 [12:24<16:49, 47.77it/s]
Training Step:  52%|          | 51762/100000 [12:24<16:34, 48.50it/s]
Training Step:  52%|          | 51768/100000 [12:25<16:11, 49.65it/s]
Training Step:  52%|          | 51774/100000 [12:25<15:46, 50.97it/s]
Training Step:  52%|          | 51780/100000 [12:25<15:41, 51.20it/s]
Training Step:  52%|          | 51786/100000 [12:25<15:23, 52.19it/s]
Training Step:  52%|          | 51792/100000 [12:25<14:49, 54.20it/s]
Training Step:  52%|          | 51798/100000 [12:25<14:29, 55.46it/s]
Training Step:  52%|          | 51804/100000 [12:25<14:13, 56.44it/s]
Training Step:  52%|          | 51811/100000 [12:25<13:46, 58.33it/s]
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Training Step:  52%|          | 51818/100000 [12:25<13:32, 59.29it/s]
Training Step:  52%|          | 51825/100000 [12:26<13:14, 60.60it/s]
Training Step:  52%|          | 51832/100000 [12:26<13:10, 60.97it/s]
Training Step:  52%|          | 51840/100000 [12:26<12:38, 63.51it/s]
Training Step:  52%|          | 51848/100000 [12:26<12:06, 66.24it/s]
Training Step:  52%|          | 51856/100000 [12:26<11:44, 68.36it/s]
Training Step:  52%|          | 51864/100000 [12:26<11:29, 69.85it/s]
Training Step:  52%|          | 51872/100000 [12:26<11:07, 72.09it/s]
Training Step:  52%|          | 51881/100000 [12:26<10:35, 75.67it/s]
Training Step:  52%|          | 51890/100000 [12:26<10:29, 76.48it/s]
Training Step:  52%|          | 51899/100000 [12:27<10:07, 79.16it/s]
Training Step:  52%|          | 51908/100000 [12:27<09:59, 80.19it/s]
Training Step:  52%|          | 51917/100000 [12:27<09:42, 82.50it/s]
Training Step:  52%|          | 51926/100000 [12:27<09:47,
81.83it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
arrive_dest.

Training Step:  52%|          | 51935/100000 [12:27<11:35, 69.07it/s]
Training Step:  52%|          | 51943/100000 [12:27<11:24, 70.22it/s]
Training Step:  52%|          | 51951/100000 [12:27<11:19, 70.73it/s]
Training Step:  52%|          | 51959/100000 [12:27<11:25, 70.04it/s]
Training Step:  52%|          | 51967/100000 [12:27<11:44, 68.16it/s]
Training Step:  52%|          | 51974/100000 [12:28<11:56, 67.06it/s]
Training Step:  52%|          | 51981/100000 [12:28<12:02, 66.42it/s]
Training Step:  52%|          | 51988/100000 [12:28<12:31, 63.87it/s]
Training Step:  52%|          | 51995/100000 [12:28<12:41, 63.04it/s]
Training Step:  52%|          | 52002/100000 [12:28<13:25, 59.60it/s]
Training Step:  52%|          | 52009/100000 [12:28<13:02, 61.36it/s]
Training Step:  52%|          | 52016/100000 [12:28<13:16, 60.28it/s]
Training Step:  52%|          | 52023/100000 [12:28<13:07, 60.92it/s]
Training Step:  52%|          | 52030/100000 [12:29<13:21, 59.82it/s]
Training Step:  52%|          | 52037/100000 [12:29<13:09, 60.75it/s]
Training Step:  52%|          | 52044/100000 [12:29<13:04, 61.11it/s]
Training Step:  52%|          | 52051/100000 [12:29<12:55, 61.84it/s]
Training Step:  52%|          | 52058/100000 [12:29<13:23, 59.66it/s]
Training Step:  52%|          | 52064/100000 [12:29<14:09, 56.43it/s]
Training Step:  52%|          | 52070/100000 [12:29<14:39, 54.49it/s]
Training Step:  52%|          | 52076/100000 [12:29<14:52, 53.68it/s]
Training Step:  52%|          | 52082/100000 [12:29<14:56, 53.44it/s]
Training Step:  52%|          | 52088/100000 [12:30<14:53, 53.61it/s]
Training Step:  52%|          | 52094/100000 [12:30<15:14, 52.36it/s]
Training Step:  52%|          | 52100/100000 [12:30<15:44, 50.73it/s]
Training Step:  52%|          | 52106/100000 [12:30<15:29, 51.55it/s]
Training Step:  52%|          | 52112/100000 [12:30<15:55, 50.10it/s]
Training Step:  52%|          | 52118/100000 [12:30<16:14, 49.13it/s]
Training Step:  52%|          | 52124/100000 [12:30<16:21, 48.78it/s]
Training Step:  52%|          | 52130/100000 [12:30<16:23, 48.66it/s]
Training Step:  52%|          | 52135/100000 [12:31<16:31, 48.26it/s]
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Training Step:  52%|         | 52140/100000 [12:31<16:48, 47.46it/s]
Training Step:  52%|         | 52146/100000 [12:31<16:29, 48.37it/s]
Training Step:  52%|         | 52151/100000 [12:31<16:25, 48.54it/s]
Training Step:  52%|         | 52156/100000 [12:31<17:14, 46.26it/s]
Training Step:  52%|         | 52161/100000 [12:31<17:52, 44.61it/s]
Training Step:  52%|         | 52166/100000 [12:31<18:39,
42.73it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
out_of_road.

Training Step:  52%|         | 52171/100000 [12:31<20:40, 38.57it/s]
Training Step:  52%|         | 52178/100000 [12:31<17:13, 46.25it/s]
Training Step:  52%|         | 52186/100000 [12:32<15:10, 52.54it/s]
Training Step:  52%|         | 52194/100000 [12:32<13:33, 58.79it/s]
Training Step:  52%|         | 52202/100000 [12:32<12:45, 62.47it/s]
Training Step:  52%|         | 52210/100000 [12:32<12:12, 65.28it/s]
Training Step:  52%|         | 52218/100000 [12:32<11:53, 66.92it/s]
Training Step:  52%|         | 52225/100000 [12:32<11:50, 67.21it/s]
Training Step:  52%|         | 52232/100000 [12:32<11:55, 66.75it/s]
Training Step:  52%|         | 52240/100000 [12:32<11:46, 67.59it/s]
Training Step:  52%|         | 52248/100000 [12:32<11:43, 67.84it/s]
Training Step:  52%|         | 52256/100000 [12:33<11:38, 68.36it/s]
Training Step:  52%|         | 52264/100000 [12:33<11:30, 69.09it/s]
Training Step:  52%|         | 52271/100000 [12:33<11:35, 68.59it/s]
Training Step:  52%|         | 52278/100000 [12:33<12:10, 65.33it/s]
Training Step:  52%|         | 52285/100000 [12:33<12:25, 63.98it/s]
Training Step:  52%|         | 52292/100000 [12:33<12:40, 62.71it/s]
Training Step:  52%|         | 52299/100000 [12:33<12:25, 63.95it/s]
Training Step:  52%|         | 52306/100000 [12:33<12:34,
63.18it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:  52%|         | 52313/100000 [12:34<13:50, 57.45it/s]
Training Step:  52%|         | 52322/100000 [12:34<12:26, 63.88it/s]
Training Step:  52%|         | 52330/100000 [12:34<11:41, 67.95it/s]
Training Step:  52%|         | 52337/100000 [12:34<12:04, 65.81it/s]
Training Step:  52%|         | 52344/100000 [12:34<12:26, 63.82it/s]
Training Step:  52%|         | 52351/100000 [12:34<12:37, 62.94it/s]
Training Step:  52%|         | 52358/100000 [12:34<12:58, 61.20it/s]
Training Step:  52%|         | 52365/100000 [12:34<13:17, 59.72it/s]
Training Step:  52%|         | 52372/100000 [12:34<13:35, 58.37it/s]
Training Step:  52%|         | 52379/100000 [12:35<13:26, 59.07it/s]
Training Step:  52%|         | 52386/100000 [12:35<13:27, 59.00it/s]
Training Step:  52%|         | 52392/100000 [12:35<13:33,
58.49it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  52%|         | 52398/100000 [12:35<15:17, 51.86it/s]
Training Step:  52%|         | 52407/100000 [12:35<13:12, 60.04it/s]
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Training Step:  52%|         | 52415/100000 [12:35<12:24, 63.93it/s]
Training Step:  52%|         | 52422/100000 [12:35<12:09, 65.20it/s]
Training Step:  52%|         | 52429/100000 [12:35<11:59, 66.16it/s]
Training Step:  52%|         | 52436/100000 [12:35<12:11, 65.05it/s]
Training Step:  52%|         | 52443/100000 [12:36<11:59, 66.06it/s]
Training Step:  52%|         | 52450/100000 [12:36<12:05, 65.51it/s]
Training Step:  52%|         | 52457/100000 [12:36<11:51, 66.78it/s]
Training Step:  52%|         | 52464/100000 [12:36<12:06, 65.44it/s]
Training Step:  52%|         | 52471/100000 [12:36<12:02, 65.80it/s]
Training Step:  52%|         | 52478/100000 [12:36<12:09, 65.14it/s]
Training Step:  52%|         | 52485/100000 [12:36<12:14, 64.68it/s]
Training Step:  52%|         | 52492/100000 [12:36<12:26, 63.66it/s]
Training Step:  52%|         | 52499/100000 [12:36<12:28, 63.48it/s]
Training Step:  53%|         | 52506/100000 [12:37<12:43, 62.17it/s]
Training Step:  53%|         | 52513/100000 [12:37<12:46, 61.93it/s]
Training Step:  53%|         | 52520/100000 [12:37<12:55, 61.20it/s]
Training Step:  53%|         | 52527/100000 [12:37<12:50, 61.58it/s]
Training Step:  53%|         | 52534/100000 [12:37<12:59, 60.88it/s]
Training Step:  53%|         | 52541/100000 [12:37<13:01, 60.73it/s]
Training Step:  53%|         | 52548/100000 [12:37<13:06, 60.30it/s]
Training Step:  53%|         | 52555/100000 [12:37<13:04, 60.47it/s]
Training Step:  53%|         | 52562/100000 [12:38<13:13, 59.81it/s]
Training Step:  53%|         | 52569/100000 [12:38<13:10, 59.97it/s]
Training Step:  53%|         | 52576/100000 [12:38<13:11, 59.93it/s]
Training Step:  53%|         | 52582/100000 [12:38<13:23, 59.00it/s]
Training Step:  53%|         | 52588/100000 [12:38<13:33, 58.31it/s]
Training Step:  53%|         | 52594/100000 [12:38<13:42, 57.66it/s]
Training Step:  53%|         | 52600/100000 [12:38<13:39, 57.83it/s]
Training Step:  53%|         | 52606/100000 [12:38<13:56, 56.67it/s]
Training Step:  53%|         | 52612/100000 [12:38<13:51, 56.97it/s]
Training Step:  53%|         | 52618/100000 [12:38<13:57, 56.54it/s]
Training Step:  53%|         | 52624/100000 [12:39<14:06, 55.94it/s]
Training Step:  53%|         | 52630/100000 [12:39<14:22, 54.91it/s]
Training Step:  53%|         | 52636/100000 [12:39<14:17, 55.24it/s]
Training Step:  53%|         | 52642/100000 [12:39<14:24, 54.80it/s]
Training Step:  53%|         | 52648/100000 [12:39<14:34, 54.13it/s]
Training Step:  53%|         | 52654/100000 [12:39<14:16, 55.30it/s]
Training Step:  53%|         | 52660/100000 [12:39<14:10, 55.69it/s]
Training Step:  53%|         | 52666/100000 [12:39<14:10, 55.65it/s]
Training Step:  53%|         | 52672/100000 [12:39<14:25, 54.71it/s]
Training Step:  53%|         | 52678/100000 [12:40<15:20, 51.43it/s]
Training Step:  53%|         | 52684/100000 [12:40<15:49, 49.85it/s]
Training Step:  53%|         | 52690/100000 [12:40<16:21, 48.21it/s]
Training Step:  53%|         | 52695/100000 [12:40<16:24, 48.05it/s]
Training Step:  53%|         | 52700/100000 [12:40<16:55, 46.59it/s]
Training Step:  53%|         | 52705/100000 [12:40<16:38, 47.37it/s]
Training Step:  53%|         | 52710/100000 [12:40<18:06, 43.54it/s]
Training Step:  53%|         | 52715/100000 [12:40<17:58, 43.86it/s]
```

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Training Step:   53%|         | 52720/100000 [12:41<17:35, 44.78it/s]
Training Step:   53%|         | 52725/100000 [12:41<17:33, 44.86it/s]
Training Step:   53%|         | 52730/100000 [12:41<17:26, 45.15it/s]
Training Step:   53%|         | 52735/100000 [12:41<17:21, 45.36it/s]
Training Step:   53%|         | 52740/100000 [12:41<17:35, 44.78it/s]
Training Step:   53%|         | 52745/100000 [12:41<17:12, 45.78it/s]
Training Step:   53%|         | 52750/100000 [12:41<17:11, 45.79it/s]
Training Step:   53%|         | 52755/100000 [12:41<16:45,
46.97it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   53%|         | 52760/100000 [12:41<18:12, 43.25it/s]
Training Step:   53%|         | 52768/100000 [12:42<14:50, 53.04it/s]
Training Step:   53%|         | 52776/100000 [12:42<13:06, 60.03it/s]
Training Step:   53%|         | 52784/100000 [12:42<12:31, 62.83it/s]
Training Step:   53%|         | 52791/100000 [12:42<12:14, 64.29it/s]
Training Step:   53%|         | 52798/100000 [12:42<12:18, 63.92it/s]
Training Step:   53%|         | 52805/100000 [12:42<12:25, 63.31it/s]
Training Step:   53%|         | 52812/100000 [12:42<12:38, 62.23it/s]
Training Step:   53%|         | 52819/100000 [12:42<12:33, 62.64it/s]
Training Step:   53%|         | 52826/100000 [12:42<12:39, 62.10it/s]
Training Step:   53%|         | 52833/100000 [12:43<12:27, 63.06it/s]
Training Step:   53%|         | 52840/100000 [12:43<12:37, 62.22it/s]
Training Step:   53%|         | 52847/100000 [12:43<12:32, 62.64it/s]
Training Step:   53%|         | 52854/100000 [12:43<12:47, 61.44it/s]
Training Step:   53%|         | 52861/100000 [12:43<12:35, 62.42it/s]
Training Step:   53%|         | 52868/100000 [12:43<12:57, 60.66it/s]
Training Step:   53%|         | 52875/100000 [12:43<12:47, 61.44it/s]
Training Step:   53%|         | 52882/100000 [12:43<12:50, 61.18it/s]
Training Step:   53%|         | 52889/100000 [12:43<12:45, 61.54it/s]
Training Step:   53%|         | 52896/100000 [12:44<12:53, 60.86it/s]
Training Step:   53%|         | 52903/100000 [12:44<12:43, 61.67it/s]
Training Step:   53%|         | 52910/100000 [12:44<12:50, 61.10it/s]
Training Step:   53%|         | 52917/100000 [12:44<12:49, 61.19it/s]
Training Step:   53%|         | 52924/100000 [12:44<12:56, 60.62it/s]
Training Step:   53%|         | 52931/100000 [12:44<12:47, 61.33it/s]
Training Step:   53%|         | 52938/100000 [12:44<12:45, 61.52it/s]
Training Step:   53%|         | 52945/100000 [12:44<12:35, 62.30it/s]
Training Step:   53%|         | 52952/100000 [12:44<12:50, 61.06it/s]
Training Step:   53%|         | 52959/100000 [12:45<12:37, 62.14it/s]
Training Step:   53%|         | 52966/100000 [12:45<12:53, 60.79it/s]
Training Step:   53%|         | 52973/100000 [12:45<12:37, 62.11it/s]
Training Step:   53%|         | 52980/100000 [12:45<12:35, 62.22it/s]
Training Step:   53%|         | 52987/100000 [12:45<12:20, 63.49it/s]
Training Step:   53%|         | 52994/100000 [12:45<12:17, 63.71it/s]
Training Step:   53%|         | 53001/100000 [12:45<12:26, 63.00it/s]
Training Step:   53%|         | 53008/100000 [12:45<12:23, 63.19it/s]
Training Step:   53%|         | 53015/100000 [12:45<12:02, 65.01it/s]
```

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Training Step:  53%|          | 53022/100000 [12:46<12:08, 64.53it/s]
Training Step:  53%|          | 53029/100000 [12:46<11:52, 65.96it/s]
Training Step:  53%|          | 53036/100000 [12:46<11:51, 65.98it/s]
Training Step:  53%|          | 53043/100000 [12:46<11:47, 66.37it/s]
Training Step:  53%|          | 53050/100000 [12:46<11:54, 65.71it/s]
Training Step:  53%|          | 53058/100000 [12:46<11:39, 67.12it/s]
Training Step:  53%|          | 53065/100000 [12:46<11:44, 66.61it/s]
Training Step:  53%|          | 53072/100000 [12:46<11:44, 66.63it/s]
Training Step:  53%|          | 53079/100000 [12:46<11:52, 65.90it/s]
Training Step:  53%|          | 53086/100000 [12:47<11:57, 65.39it/s]
Training Step:  53%|          | 53093/100000 [12:47<11:59, 65.22it/s]
Training Step:  53%|          | 53100/100000 [12:47<11:58, 65.28it/s]
Training Step:  53%|          | 53107/100000 [12:47<12:11, 64.07it/s]
Training Step:  53%|          | 53114/100000 [12:47<12:11, 64.11it/s]
Training Step:  53%|          | 53121/100000 [12:47<12:14, 63.80it/s]
Training Step:  53%|          | 53128/100000 [12:47<13:01, 59.98it/s]
Training Step:  53%|          | 53135/100000 [12:47<12:57, 60.25it/s]
Training Step:  53%|          | 53142/100000 [12:47<13:19, 58.61it/s]
Training Step:  53%|          | 53148/100000 [12:48<13:16, 58.82it/s]
Training Step:  53%|          | 53154/100000 [12:48<13:20, 58.50it/s]
Training Step:  53%|          | 53161/100000 [12:48<13:06, 59.54it/s]
Training Step:  53%|          | 53167/100000 [12:48<13:12, 59.08it/s]
Training Step:  53%|          | 53173/100000 [12:48<13:24, 58.19it/s]
Training Step:  53%|          | 53179/100000 [12:48<13:22, 58.38it/s]
Training Step:  53%|          | 53185/100000 [12:48<13:27, 58.00it/s]
Training Step:  53%|          | 53191/100000 [12:48<13:25, 58.08it/s]
Training Step:  53%|          | 53197/100000 [12:48<13:20, 58.47it/s]
Training Step:  53%|          | 53204/100000 [12:49<13:09, 59.24it/s]
Training Step:  53%|          | 53210/100000 [12:49<13:06, 59.46it/s]
Training Step:  53%|          | 53217/100000 [12:49<12:43, 61.27it/s]
Training Step:  53%|          | 53224/100000 [12:49<12:32, 62.17it/s]
Training Step:  53%|          | 53232/100000 [12:49<12:04, 64.51it/s]
Training Step:  53%|          | 53240/100000 [12:49<11:41, 66.62it/s]
Training Step:  53%|          | 53248/100000 [12:49<11:22, 68.45it/s]
Training Step:  53%|          | 53256/100000 [12:49<11:06,
70.12it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:  53%|          | 53264/100000 [12:49<12:47, 60.90it/s]
Training Step:  53%|          | 53272/100000 [12:50<11:52, 65.54it/s]
Training Step:  53%|          | 53280/100000 [12:50<11:15, 69.17it/s]
Training Step:  53%|          | 53288/100000 [12:50<10:54, 71.35it/s]
Training Step:  53%|          | 53296/100000 [12:50<10:45, 72.35it/s]
Training Step:  53%|          | 53304/100000 [12:50<10:49, 71.90it/s]
Training Step:  53%|          | 53312/100000 [12:50<10:45, 72.32it/s]
Training Step:  53%|          | 53320/100000 [12:50<10:37, 73.24it/s]
Training Step:  53%|          | 53328/100000 [12:50<10:42, 72.69it/s]
Training Step:  53%|          | 53336/100000 [12:50<10:41, 72.70it/s]
```

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Training Step:    53%|           | 53344/100000 [12:51<10:45, 72.31it/s]
Training Step:    53%|           | 53352/100000 [12:51<10:50, 71.66it/s]
Training Step:    53%|           | 53360/100000 [12:51<10:56, 71.02it/s]
Training Step:    53%|           | 53368/100000 [12:51<11:28, 67.70it/s]
Training Step:    53%|           | 53375/100000 [12:51<11:49, 65.70it/s]
Training Step:    53%|           | 53382/100000 [12:51<12:11, 63.77it/s]
Training Step:    53%|           | 53389/100000 [12:51<12:22, 62.76it/s]
Training Step:    53%|           | 53396/100000 [12:51<12:35, 61.72it/s]
Training Step:    53%|           | 53403/100000 [12:51<12:32, 61.95it/s]
Training Step:    53%|           | 53410/100000 [12:52<12:43, 60.99it/s]
Training Step:    53%|           | 53417/100000 [12:52<12:46, 60.80it/s]
Training Step:    53%|           | 53424/100000 [12:52<13:07,
59.13it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:    53%|           | 53430/100000 [12:52<14:27, 53.69it/s]
Training Step:    53%|           | 53438/100000 [12:52<12:51, 60.39it/s]
Training Step:    53%|           | 53446/100000 [12:52<12:07, 63.99it/s]
Training Step:    53%|           | 53453/100000 [12:52<12:08, 63.86it/s]
Training Step:    53%|           | 53460/100000 [12:52<12:23, 62.63it/s]
Training Step:    53%|           | 53467/100000 [12:53<12:23, 62.59it/s]
Training Step:    53%|           | 53474/100000 [12:53<12:29, 62.07it/s]
Training Step:    53%|           | 53481/100000 [12:53<12:14, 63.37it/s]
Training Step:    53%|           | 53488/100000 [12:53<12:15, 63.28it/s]
Training Step:    53%|           | 53495/100000 [12:53<12:13, 63.38it/s]
Training Step:    54%|           | 53502/100000 [12:53<12:20, 62.78it/s]
Training Step:    54%|           | 53509/100000 [12:53<12:15, 63.20it/s]
Training Step:    54%|           | 53516/100000 [12:53<12:35, 61.50it/s]
Training Step:    54%|           | 53523/100000 [12:53<12:53, 60.05it/s]
Training Step:    54%|           | 53530/100000 [12:54<12:56, 59.83it/s]
Training Step:    54%|           | 53537/100000 [12:54<12:42, 60.92it/s]
Training Step:    54%|           | 53544/100000 [12:54<12:50, 60.28it/s]
Training Step:    54%|           | 53551/100000 [12:54<12:44, 60.77it/s]
Training Step:    54%|           | 53558/100000 [12:54<12:53, 60.02it/s]
Training Step:    54%|           | 53565/100000 [12:54<12:42, 60.90it/s]
Training Step:    54%|           | 53572/100000 [12:54<12:38, 61.21it/s]
Training Step:    54%|           | 53579/100000 [12:54<13:02, 59.32it/s]
Training Step:    54%|           | 53585/100000 [12:54<13:02, 59.31it/s]
Training Step:    54%|           | 53591/100000 [12:55<13:07, 58.92it/s]
Training Step:    54%|           | 53598/100000 [12:55<12:59, 59.52it/s]
Training Step:    54%|           | 53605/100000 [12:55<12:49, 60.26it/s]
Training Step:    54%|           | 53612/100000 [12:55<12:47, 60.44it/s]
Training Step:    54%|           | 53619/100000 [12:55<12:51, 60.09it/s]
Training Step:    54%|           | 53626/100000 [12:55<12:42, 60.81it/s]
Training Step:    54%|           | 53633/100000 [12:55<12:28, 61.97it/s]
Training Step:    54%|           | 53640/100000 [12:55<12:22, 62.46it/s]
Training Step:    54%|           | 53647/100000 [12:55<12:13, 63.15it/s]
Training Step:    54%|           | 53654/100000 [12:56<12:18, 62.78it/s]
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Training Step:  54%|         | 53661/100000 [12:56<12:03, 64.08it/s]
Training Step:  54%|         | 53668/100000 [12:56<11:58, 64.48it/s]
Training Step:  54%|         | 53676/100000 [12:56<11:37, 66.43it/s]
Training Step:  54%|         | 53683/100000 [12:56<11:32, 66.87it/s]
Training Step:  54%|         | 53690/100000 [12:56<11:39, 66.25it/s]
Training Step:  54%|         | 53697/100000 [12:56<11:27, 67.32it/s]
Training Step:  54%|         | 53704/100000 [12:56<11:33, 66.74it/s]
Training Step:  54%|         | 53712/100000 [12:56<11:24, 67.64it/s]
Training Step:  54%|         | 53719/100000 [12:57<11:23, 67.73it/s]
Training Step:  54%|         | 53726/100000 [12:57<11:31, 66.96it/s]
Training Step:  54%|         | 53734/100000 [12:57<11:04, 69.58it/s]
Training Step:  54%|         | 53742/100000 [12:57<10:57, 70.35it/s]
Training Step:  54%|         | 53750/100000 [12:57<10:47, 71.47it/s]
Training Step:  54%|         | 53758/100000 [12:57<10:43, 71.85it/s]
Training Step:  54%|         | 53766/100000 [12:57<10:49, 71.14it/s]
Training Step:  54%|         | 53774/100000 [12:57<10:52, 70.84it/s]
Training Step:  54%|         | 53782/100000 [12:57<10:57, 70.26it/s]
Training Step:  54%|         | 53790/100000 [12:58<11:01,
69.87it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  54%|         | 53797/100000 [12:58<12:51, 59.91it/s]
Training Step:  54%|         | 53806/100000 [12:58<11:41, 65.81it/s]
Training Step:  54%|         | 53814/100000 [12:58<11:06, 69.30it/s]
Training Step:  54%|         | 53822/100000 [12:58<11:45, 65.48it/s]
Training Step:  54%|         | 53829/100000 [12:58<12:08, 63.37it/s]
Training Step:  54%|         | 53836/100000 [12:58<12:44, 60.38it/s]
Training Step:  54%|         | 53843/100000 [12:58<12:48, 60.07it/s]
Training Step:  54%|         | 53850/100000 [12:59<13:15, 57.98it/s]
Training Step:  54%|         | 53856/100000 [12:59<13:30, 56.90it/s]
Training Step:  54%|         | 53862/100000 [12:59<13:40, 56.24it/s]
Training Step:  54%|         | 53868/100000 [12:59<13:39, 56.32it/s]
Training Step:  54%|         | 53874/100000 [12:59<13:47, 55.72it/s]
Training Step:  54%|         | 53880/100000 [12:59<14:01, 54.79it/s]
Training Step:  54%|         | 53886/100000 [12:59<13:44, 55.91it/s]
Training Step:  54%|         | 53892/100000 [12:59<13:50,
55.50it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  54%|         | 53898/100000 [12:59<15:28, 49.66it/s]
Training Step:  54%|         | 53906/100000 [13:00<13:35, 56.51it/s]
Training Step:  54%|         | 53914/100000 [13:00<12:37, 60.83it/s]
Training Step:  54%|         | 53922/100000 [13:00<11:53, 64.61it/s]
Training Step:  54%|         | 53930/100000 [13:00<11:35, 66.28it/s]
Training Step:  54%|         | 53938/100000 [13:00<11:15, 68.17it/s]
Training Step:  54%|         | 53946/100000 [13:00<10:58, 69.89it/s]
Training Step:  54%|         | 53954/100000 [13:00<11:08, 68.87it/s]
Training Step:  54%|         | 53962/100000 [13:00<11:13, 68.36it/s]
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Training Step:  54%|          | 53969/100000 [13:00<11:12, 68.43it/s]
Training Step:  54%|          | 53976/100000 [13:01<11:30, 66.65it/s]
Training Step:  54%|          | 53983/100000 [13:01<11:45, 65.22it/s]
Training Step:  54%|          | 53990/100000 [13:01<11:50, 64.76it/s]
Training Step:  54%|          | 53997/100000 [13:01<11:57, 64.08it/s]
Training Step:  54%|          | 54004/100000 [13:01<12:58, 59.05it/s]
Training Step:  54%|          | 54011/100000 [13:01<12:46, 60.01it/s]
Training Step:  54%|          | 54018/100000 [13:01<12:41, 60.42it/s]
Training Step:  54%|          | 54025/100000 [13:01<12:35, 60.87it/s]
Training Step:  54%|          | 54032/100000 [13:02<12:39, 60.55it/s]
Training Step:  54%|          | 54039/100000 [13:02<12:39, 60.49it/s]
Training Step:  54%|          | 54046/100000 [13:02<12:44, 60.14it/s]
Training Step:  54%|          | 54053/100000 [13:02<12:31, 61.14it/s]
Training Step:  54%|          | 54060/100000 [13:02<12:48, 59.81it/s]
Training Step:  54%|          | 54067/100000 [13:02<12:32, 61.07it/s]
Training Step:  54%|          | 54074/100000 [13:02<12:32, 61.01it/s]
Training Step:  54%|          | 54081/100000 [13:02<12:17, 62.27it/s]
Training Step:  54%|          | 54088/100000 [13:02<13:19, 57.43it/s]
Training Step:  54%|          | 54094/100000 [13:03<13:59, 54.68it/s]
Training Step:  54%|          | 54100/100000 [13:03<14:36, 52.40it/s]
Training Step:  54%|          | 54106/100000 [13:03<15:03, 50.82it/s]
Training Step:  54%|          | 54112/100000 [13:03<15:13, 50.22it/s]
Training Step:  54%|          | 54118/100000 [13:03<15:28, 49.43it/s]
Training Step:  54%|          | 54124/100000 [13:03<15:31, 49.24it/s]
Training Step:  54%|          | 54129/100000 [13:03<15:29, 49.33it/s]
Training Step:  54%|          | 54134/100000 [13:03<15:32, 49.17it/s]
Training Step:  54%|          | 54140/100000 [13:04<15:27,
49.43it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:  54%|          | 54145/100000 [13:04<18:10, 42.05it/s]
Training Step:  54%|          | 54153/100000 [13:04<15:15, 50.08it/s]
Training Step:  54%|          | 54161/100000 [13:04<13:28, 56.73it/s]
Training Step:  54%|          | 54168/100000 [13:04<13:09, 58.09it/s]
Training Step:  54%|          | 54174/100000 [13:04<13:18, 57.37it/s]
Training Step:  54%|          | 54180/100000 [13:04<13:28, 56.70it/s]
Training Step:  54%|          | 54186/100000 [13:04<13:19, 57.29it/s]
Training Step:  54%|          | 54192/100000 [13:04<13:22, 57.09it/s]
Training Step:  54%|          | 54198/100000 [13:05<13:35, 56.17it/s]
Training Step:  54%|          | 54204/100000 [13:05<13:31, 56.45it/s]
Training Step:  54%|          | 54210/100000 [13:05<13:37, 56.03it/s]
Training Step:  54%|          | 54216/100000 [13:05<13:34, 56.20it/s]
Training Step:  54%|          | 54222/100000 [13:05<13:35, 56.16it/s]
Training Step:  54%|          | 54228/100000 [13:05<13:37, 55.98it/s]
Training Step:  54%|          | 54234/100000 [13:05<13:43, 55.54it/s]
Training Step:  54%|          | 54240/100000 [13:05<13:46, 55.39it/s]
Training Step:  54%|          | 54246/100000 [13:05<13:36, 56.01it/s]
Training Step:  54%|          | 54252/100000 [13:06<13:28, 56.56it/s]
```

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Training Step:  54%|          | 54258/100000 [13:06<13:20, 57.13it/s]
Training Step:  54%|          | 54264/100000 [13:06<13:13, 57.63it/s]
Training Step:  54%|          | 54271/100000 [13:06<12:48, 59.50it/s]
Training Step:  54%|          | 54277/100000 [13:06<13:10, 57.81it/s]
Training Step:  54%|          | 54283/100000 [13:06<13:02, 58.44it/s]
Training Step:  54%|          | 54289/100000 [13:06<13:05, 58.21it/s]
Training Step:  54%|          | 54295/100000 [13:06<13:04, 58.23it/s]
Training Step:  54%|          | 54301/100000 [13:06<13:00, 58.57it/s]
Training Step:  54%|          | 54308/100000 [13:06<12:54, 58.98it/s]
Training Step:  54%|          | 54314/100000 [13:07<13:01, 58.44it/s]
Training Step:  54%|          | 54320/100000 [13:07<12:57, 58.72it/s]
Training Step:  54%|          | 54327/100000 [13:07<12:42, 59.90it/s]
Training Step:  54%|          | 54333/100000 [13:07<12:41, 59.93it/s]
Training Step:  54%|          | 54339/100000 [13:07<12:43, 59.78it/s]
Training Step:  54%|          | 54345/100000 [13:07<12:47, 59.50it/s]
Training Step:  54%|          | 54352/100000 [13:07<12:52, 59.11it/s]
Training Step:  54%|          | 54358/100000 [13:07<12:53, 59.03it/s]
Training Step:  54%|          | 54365/100000 [13:07<12:35, 60.44it/s]
Training Step:  54%|          | 54372/100000 [13:08<12:39, 60.08it/s]
Training Step:  54%|          | 54379/100000 [13:08<12:56, 58.78it/s]
Training Step:  54%|          | 54385/100000 [13:08<13:01, 58.39it/s]
Training Step:  54%|          | 54391/100000 [13:08<13:13, 57.47it/s]
Training Step:  54%|          | 54397/100000 [13:08<13:10, 57.69it/s]
Training Step:  54%|          | 54403/100000 [13:08<13:12, 57.53it/s]
Training Step:  54%|          | 54409/100000 [13:08<13:16, 57.26it/s]
Training Step:  54%|          | 54415/100000 [13:08<13:09, 57.71it/s]
Training Step:  54%|          | 54421/100000 [13:08<13:09, 57.71it/s]
Training Step:  54%|          | 54427/100000 [13:09<13:12, 57.54it/s]
Training Step:  54%|          | 54433/100000 [13:09<13:06, 57.92it/s]
Training Step:  54%|          | 54440/100000 [13:09<13:00, 58.37it/s]
Training Step:  54%|          | 54446/100000 [13:09<13:00, 58.34it/s]
Training Step:  54%|          | 54452/100000 [13:09<13:07, 57.82it/s]
Training Step:  54%|          | 54459/100000 [13:09<12:52, 58.95it/s]
Training Step:  54%|          | 54465/100000 [13:09<12:57, 58.58it/s]
Training Step:  54%|          | 54471/100000 [13:09<13:09, 57.67it/s]
Training Step:  54%|          | 54477/100000 [13:09<13:00, 58.33it/s]
Training Step:  54%|          | 54483/100000 [13:09<13:00, 58.31it/s]
Training Step:  54%|          | 54490/100000 [13:10<12:58, 58.48it/s]
Training Step:  54%|          | 54496/100000 [13:10<13:22, 56.67it/s]
Training Step:  55%|          | 54502/100000 [13:10<14:07, 53.70it/s]
Training Step:  55%|          | 54508/100000 [13:10<14:21, 52.80it/s]
Training Step:  55%|          | 54514/100000 [13:10<14:19, 52.95it/s]
Training Step:  55%|          | 54520/100000 [13:10<14:27, 52.45it/s]
Training Step:  55%|          | 54526/100000 [13:10<14:37, 51.82it/s]
Training Step:  55%|          | 54532/100000 [13:10<14:28, 52.33it/s]
Training Step:  55%|          | 54538/100000 [13:11<14:15, 53.12it/s]
Training Step:  55%|          | 54544/100000 [13:11<14:06, 53.68it/s]
Training Step:  55%|          | 54550/100000 [13:11<14:11, 53.36it/s]
```

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Training Step:  55%|        | 54556/100000 [13:11<14:12, 53.28it/s]
Training Step:  55%|        | 54562/100000 [13:11<14:06, 53.65it/s]
Training Step:  55%|        | 54568/100000 [13:11<14:11, 53.34it/s]
Training Step:  55%|        | 54574/100000 [13:11<14:19, 52.85it/s]
Training Step:  55%|        | 54580/100000 [13:11<14:18, 52.92it/s]
Training Step:  55%|        | 54586/100000 [13:11<14:12, 53.26it/s]
Training Step:  55%|        | 54592/100000 [13:12<14:11, 53.35it/s]
Training Step:  55%|        | 54598/100000 [13:12<14:07, 53.56it/s]
Training Step:  55%|        | 54604/100000 [13:12<14:14, 53.14it/s]
Training Step:  55%|        | 54610/100000 [13:12<14:21, 52.70it/s]
Training Step:  55%|        | 54616/100000 [13:12<14:12, 53.24it/s]
Training Step:  55%|        | 54622/100000 [13:12<14:31, 52.09it/s]
Training Step:  55%|        | 54628/100000 [13:12<14:22, 52.59it/s]
Training Step:  55%|        | 54634/100000 [13:12<14:14, 53.08it/s]
Training Step:  55%|        | 54640/100000 [13:12<14:43, 51.31it/s]
Training Step:  55%|        | 54646/100000 [13:13<15:49, 47.75it/s]
Training Step:  55%|        | 54651/100000 [13:13<16:14, 46.55it/s]
Training Step:  55%|        | 54656/100000 [13:13<16:50, 44.88it/s]
Training Step:  55%|        | 54661/100000 [13:13<16:54, 44.70it/s]
Training Step:  55%|        | 54666/100000 [13:13<17:02, 44.35it/s]
Training Step:  55%|        | 54671/100000 [13:13<16:54, 44.66it/s]
Training Step:  55%|        | 54676/100000 [13:13<17:18, 43.63it/s]
Training Step:  55%|        | 54681/100000 [13:13<17:03, 44.27it/s]
Training Step:  55%|        | 54686/100000 [13:14<17:11, 43.92it/s]
Training Step:  55%|        | 54691/100000 [13:14<16:55, 44.60it/s]
Training Step:  55%|        | 54696/100000 [13:14<16:39, 45.34it/s]
Training Step:  55%|        | 54702/100000 [13:14<16:20, 46.20it/s]
Training Step:  55%|        | 54708/100000 [13:14<15:56, 47.38it/s]
Training Step:  55%|        | 54714/100000 [13:14<15:39, 48.18it/s]
Training Step:  55%|        | 54720/100000 [13:14<15:50, 47.64it/s]
Training Step:  55%|        | 54725/100000 [13:14<16:05, 46.88it/s]
Training Step:  55%|        | 54730/100000 [13:14<16:01, 47.07it/s]
Training Step:  55%|        | 54736/100000 [13:15<15:45, 47.86it/s]
Training Step:  55%|        | 54741/100000 [13:15<15:49, 47.66it/s]
Training Step:  55%|        | 54746/100000 [13:15<15:52, 47.52it/s]
Training Step:  55%|        | 54752/100000 [13:15<15:26, 48.82it/s]
Training Step:  55%|        | 54758/100000 [13:15<15:22, 49.06it/s]
Training Step:  55%|        | 54764/100000 [13:15<15:11, 49.61it/s]
Training Step:  55%|        | 54770/100000 [13:15<15:09, 49.73it/s]
Training Step:  55%|        | 54776/100000 [13:15<14:47, 50.98it/s]
Training Step:  55%|        | 54782/100000 [13:15<14:56, 50.42it/s]
Training Step:  55%|        | 54788/100000 [13:16<14:38, 51.47it/s]
Training Step:  55%|        | 54794/100000 [13:16<14:00, 53.78it/s]
Training Step:  55%|        | 54800/100000 [13:16<13:36, 55.36it/s]
Training Step:  55%|        | 54806/100000 [13:16<13:35, 55.42it/s]
Training Step:  55%|        | 54812/100000 [13:16<13:57,
53.96it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
out_of_road.
```

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Training Step:  55%|         | 54818/100000 [13:16<16:14, 46.34it/s]
Training Step:  55%|         | 54826/100000 [13:16<14:14, 52.88it/s]
Training Step:  55%|         | 54834/100000 [13:16<12:52, 58.47it/s]
Training Step:  55%|         | 54841/100000 [13:17<12:34, 59.87it/s]
Training Step:  55%|         | 54848/100000 [13:17<12:37, 59.60it/s]
Training Step:  55%|         | 54855/100000 [13:17<12:20, 60.98it/s]
Training Step:  55%|         | 54862/100000 [13:17<12:22, 60.79it/s]
Training Step:  55%|         | 54869/100000 [13:17<12:14, 61.45it/s]
Training Step:  55%|         | 54876/100000 [13:17<12:10, 61.76it/s]
Training Step:  55%|         | 54883/100000 [13:17<11:52, 63.33it/s]
Training Step:  55%|         | 54890/100000 [13:17<12:12, 61.58it/s]
Training Step:  55%|         | 54897/100000 [13:17<12:07, 62.02it/s]
Training Step:  55%|         | 54904/100000 [13:18<12:20, 60.86it/s]
Training Step:  55%|         | 54911/100000 [13:18<12:16, 61.18it/s]
Training Step:  55%|         | 54918/100000 [13:18<12:21,
60.77it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
out_of_road.

Training Step:  55%|         | 54925/100000 [13:18<13:13, 56.80it/s]
Training Step:  55%|         | 54933/100000 [13:18<11:57, 62.79it/s]
Training Step:  55%|         | 54942/100000 [13:18<10:47, 69.56it/s]
Training Step:  55%|         | 54950/100000 [13:18<10:28, 71.65it/s]
Training Step:  55%|         | 54958/100000 [13:18<10:10, 73.79it/s]
Training Step:  55%|         | 54966/100000 [13:18<09:59, 75.13it/s]
Training Step:  55%|         | 54975/100000 [13:19<09:35, 78.29it/s]
Training Step:  55%|         | 54983/100000 [13:19<09:46, 76.79it/s]
Training Step:  55%|         | 54991/100000 [13:19<09:56, 75.45it/s]
Training Step:  55%|         | 54999/100000 [13:19<10:00, 74.98it/s]
Training Step:  55%|         | 55007/100000 [13:19<10:03, 74.50it/s]
Training Step:  55%|         | 55015/100000 [13:19<09:58, 75.21it/s]
Training Step:  55%|         | 55023/100000 [13:19<10:09, 73.83it/s]
Training Step:  55%|         | 55031/100000 [13:19<10:21, 72.31it/s]
Training Step:  55%|         | 55039/100000 [13:19<10:24, 72.04it/s]
Training Step:  55%|         | 55047/100000 [13:20<10:22, 72.25it/s]
Training Step:  55%|         | 55055/100000 [13:20<10:22, 72.19it/s]
Training Step:  55%|         | 55063/100000 [13:20<10:32, 71.00it/s]
Training Step:  55%|         | 55071/100000 [13:20<10:31, 71.13it/s]
Training Step:  55%|         | 55079/100000 [13:20<10:55, 68.48it/s]
Training Step:  55%|         | 55086/100000 [13:20<11:21, 65.88it/s]
Training Step:  55%|         | 55093/100000 [13:20<11:28, 65.24it/s]
Training Step:  55%|         | 55100/100000 [13:20<11:35, 64.60it/s]
Training Step:  55%|         | 55107/100000 [13:20<11:26, 65.36it/s]
Training Step:  55%|         | 55114/100000 [13:21<11:41, 63.98it/s]
Training Step:  55%|         | 55122/100000 [13:21<11:28, 65.17it/s]
Training Step:  55%|         | 55129/100000 [13:21<11:29, 65.06it/s]
Training Step:  55%|         | 55136/100000 [13:21<11:26, 65.35it/s]
Training Step:  55%|         | 55143/100000 [13:21<11:14, 66.55it/s]
```

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Training Step:   55%|        | 55150/100000 [13:21<11:04, 67.51it/s]
Training Step:   55%|        | 55158/100000 [13:21<10:52, 68.74it/s]
Training Step:   55%|        | 55166/100000 [13:21<10:47, 69.19it/s]
Training Step:   55%|        | 55174/100000 [13:21<10:46, 69.31it/s]
Training Step:   55%|        | 55183/100000 [13:22<10:10, 73.43it/s]
Training Step:   55%|        | 55191/100000 [13:22<10:03,
74.23it/s][INFO] Episode ended! Scenario Index: 1014 Reason:
arrive_dest.

Training Step:   55%|        | 55199/100000 [13:22<10:55, 68.32it/s]
Training Step:   55%|        | 55208/100000 [13:22<10:26, 71.44it/s]
Training Step:   55%|        | 55217/100000 [13:22<09:52, 75.62it/s]
Training Step:   55%|        | 55225/100000 [13:22<09:55, 75.17it/s]
Training Step:   55%|        | 55233/100000 [13:22<09:53, 75.46it/s]
Training Step:   55%|        | 55241/100000 [13:22<09:48, 76.10it/s]
Training Step:   55%|        | 55249/100000 [13:22<09:54, 75.28it/s]
Training Step:   55%|        | 55257/100000 [13:23<09:57, 74.92it/s]
Training Step:   55%|        | 55265/100000 [13:23<09:54, 75.29it/s]
Training Step:   55%|        | 55273/100000 [13:23<09:50, 75.77it/s]
Training Step:   55%|        | 55281/100000 [13:23<10:09, 73.40it/s]
Training Step:   55%|        | 55289/100000 [13:23<10:15, 72.60it/s]
Training Step:   55%|        | 55297/100000 [13:23<10:15, 72.64it/s]
Training Step:   55%|        | 55305/100000 [13:23<10:19, 72.18it/s]
Training Step:   55%|        | 55313/100000 [13:23<10:28, 71.16it/s]
Training Step:   55%|        | 55321/100000 [13:23<10:20, 72.01it/s]
Training Step:   55%|        | 55329/100000 [13:24<10:23, 71.63it/s]
Training Step:   55%|        | 55337/100000 [13:24<10:29, 71.01it/s]
Training Step:   55%|        | 55345/100000 [13:24<10:32,
70.57it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:   55%|        | 55353/100000 [13:24<12:14, 60.81it/s]
Training Step:   55%|        | 55362/100000 [13:24<11:20, 65.57it/s]
Training Step:   55%|        | 55370/100000 [13:24<11:01, 67.51it/s]
Training Step:   55%|        | 55378/100000 [13:24<10:56, 67.93it/s]
Training Step:   55%|        | 55385/100000 [13:24<10:58, 67.76it/s]
Training Step:   55%|        | 55392/100000 [13:24<11:04, 67.10it/s]
Training Step:   55%|        | 55399/100000 [13:25<11:22, 65.37it/s]
Training Step:   55%|        | 55406/100000 [13:25<11:44, 63.34it/s]
Training Step:   55%|        | 55413/100000 [13:25<11:54, 62.43it/s]
Training Step:   55%|        | 55420/100000 [13:25<12:16, 60.55it/s]
Training Step:   55%|        | 55427/100000 [13:25<12:16, 60.49it/s]
Training Step:   55%|        | 55434/100000 [13:25<12:28, 59.53it/s]
Training Step:   55%|        | 55440/100000 [13:25<12:36, 58.87it/s]
Training Step:   55%|        | 55446/100000 [13:25<12:56, 57.39it/s]
Training Step:   55%|        | 55452/100000 [13:26<12:49, 57.86it/s]
Training Step:   55%|        | 55458/100000 [13:26<12:51, 57.72it/s]
Training Step:   55%|        | 55464/100000 [13:26<12:47, 58.04it/s]
```

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Training Step:   55%|          | 55471/100000 [13:26<12:25, 59.75it/s]
Training Step:   55%|          | 55478/100000 [13:26<12:14, 60.60it/s]
Training Step:   55%|          | 55485/100000 [13:26<12:05, 61.35it/s]
Training Step:   55%|          | 55492/100000 [13:26<12:15, 60.55it/s]
Training Step:   55%|          | 55499/100000 [13:26<12:19, 60.17it/s]
Training Step:   56%|          | 55506/100000 [13:26<12:24, 59.75it/s]
Training Step:   56%|          | 55513/100000 [13:27<12:04, 61.36it/s]
Training Step:   56%|          | 55520/100000 [13:27<12:16, 60.41it/s]
Training Step:   56%|          | 55527/100000 [13:27<12:18, 60.24it/s]
Training Step:   56%|          | 55534/100000 [13:27<12:34, 58.90it/s]
Training Step:   56%|          | 55540/100000 [13:27<12:47, 57.96it/s]
Training Step:   56%|          | 55547/100000 [13:27<12:31, 59.14it/s]
Training Step:   56%|          | 55553/100000 [13:27<12:34, 58.89it/s]
Training Step:   56%|          | 55559/100000 [13:27<12:36, 58.71it/s]
Training Step:   56%|          | 55565/100000 [13:27<12:38, 58.58it/s]
Training Step:   56%|          | 55571/100000 [13:28<12:37, 58.65it/s]
Training Step:   56%|          | 55577/100000 [13:28<12:49, 57.69it/s]
Training Step:   56%|          | 55583/100000 [13:28<12:44, 58.09it/s]
Training Step:   56%|          | 55589/100000 [13:28<12:47, 57.88it/s]
Training Step:   56%|          | 55595/100000 [13:28<12:58, 57.00it/s]
Training Step:   56%|          | 55601/100000 [13:28<13:20, 55.47it/s]
Training Step:   56%|          | 55607/100000 [13:28<13:19, 55.50it/s]
Training Step:   56%|          | 55613/100000 [13:28<13:23, 55.21it/s]
Training Step:   56%|          | 55619/100000 [13:28<14:17, 51.74it/s]
Training Step:   56%|          | 55625/100000 [13:29<14:44, 50.18it/s]
Training Step:   56%|          | 55631/100000 [13:29<15:22, 48.08it/s]
Training Step:   56%|          | 55636/100000 [13:29<15:39, 47.24it/s]
Training Step:   56%|          | 55641/100000 [13:29<15:51, 46.62it/s]
Training Step:   56%|          | 55646/100000 [13:29<16:03, 46.05it/s]
Training Step:   56%|          | 55651/100000 [13:29<16:04, 46.00it/s]
Training Step:   56%|          | 55656/100000 [13:29<16:22, 45.12it/s]
Training Step:   56%|          | 55661/100000 [13:29<16:07, 45.82it/s]
Training Step:   56%|          | 55666/100000 [13:29<16:12, 45.59it/s]
Training Step:   56%|          | 55671/100000 [13:30<16:44, 44.12it/s]
Training Step:   56%|          | 55676/100000 [13:30<16:51, 43.81it/s]
Training Step:   56%|          | 55681/100000 [13:30<16:51, 43.83it/s]
Training Step:   56%|          | 55686/100000 [13:30<17:16, 42.75it/s]
Training Step:   56%|          | 55691/100000 [13:30<17:04,
43.23it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:   56%|          | 55696/100000 [13:30<19:13, 38.42it/s]
Training Step:   56%|          | 55704/100000 [13:30<15:18, 48.23it/s]
Training Step:   56%|          | 55712/100000 [13:30<13:16, 55.60it/s]
Training Step:   56%|          | 55719/100000 [13:30<12:36, 58.51it/s]
Training Step:   56%|          | 55726/100000 [13:31<13:06, 56.27it/s]
Training Step:   56%|          | 55732/100000 [13:31<13:29, 54.67it/s]
Training Step:   56%|          | 55738/100000 [13:31<13:23, 55.06it/s]
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Training Step:  56%|          | 55744/100000 [13:31<13:38, 54.06it/s]
Training Step:  56%|          | 55750/100000 [13:31<13:49, 53.36it/s]
Training Step:  56%|          | 55756/100000 [13:31<13:54, 53.00it/s]
Training Step:  56%|          | 55762/100000 [13:31<13:49, 53.31it/s]
Training Step:  56%|          | 55768/100000 [13:31<13:46, 53.53it/s]
Training Step:  56%|          | 55774/100000 [13:32<13:54, 52.98it/s]
Training Step:  56%|          | 55780/100000 [13:32<13:51, 53.15it/s]
Training Step:  56%|          | 55786/100000 [13:32<13:56, 52.86it/s]
Training Step:  56%|          | 55792/100000 [13:32<13:59, 52.65it/s]
Training Step:  56%|          | 55798/100000 [13:32<14:12, 51.85it/s]
Training Step:  56%|          | 55804/100000 [13:32<14:15, 51.69it/s]
Training Step:  56%|          | 55810/100000 [13:32<14:07, 52.16it/s]
Training Step:  56%|          | 55816/100000 [13:32<13:55, 52.85it/s]
Training Step:  56%|          | 55822/100000 [13:32<13:56, 52.79it/s]
Training Step:  56%|          | 55828/100000 [13:33<13:42,
53.73it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  56%|          | 55834/100000 [13:33<16:34, 44.39it/s]
Training Step:  56%|          | 55842/100000 [13:33<14:11, 51.84it/s]
Training Step:  56%|          | 55850/100000 [13:33<12:48, 57.48it/s]
Training Step:  56%|          | 55858/100000 [13:33<11:58, 61.42it/s]
Training Step:  56%|          | 55866/100000 [13:33<11:24, 64.46it/s]
Training Step:  56%|          | 55874/100000 [13:33<10:56, 67.19it/s]
Training Step:  56%|          | 55882/100000 [13:33<10:37, 69.18it/s]
Training Step:  56%|          | 55890/100000 [13:34<10:33, 69.67it/s]
Training Step:  56%|          | 55898/100000 [13:34<10:26, 70.38it/s]
Training Step:  56%|          | 55906/100000 [13:34<10:23, 70.70it/s]
Training Step:  56%|          | 55914/100000 [13:34<10:36, 69.25it/s]
Training Step:  56%|          | 55921/100000 [13:34<10:39, 68.89it/s]
Training Step:  56%|          | 55928/100000 [13:34<10:40, 68.82it/s]
Training Step:  56%|          | 55935/100000 [13:34<10:55, 67.25it/s]
Training Step:  56%|          | 55942/100000 [13:34<12:12, 60.18it/s]
Training Step:  56%|          | 55949/100000 [13:34<12:08, 60.45it/s]
Training Step:  56%|          | 55956/100000 [13:35<12:10, 60.26it/s]
Training Step:  56%|          | 55963/100000 [13:35<12:06, 60.60it/s]
Training Step:  56%|          | 55970/100000 [13:35<12:22, 59.30it/s]
Training Step:  56%|          | 55976/100000 [13:35<12:20, 59.49it/s]
Training Step:  56%|          | 55983/100000 [13:35<12:12, 60.06it/s]
Training Step:  56%|          | 55990/100000 [13:35<12:21, 59.37it/s]
Training Step:  56%|          | 55996/100000 [13:35<12:35, 58.28it/s]
Training Step:  56%|          | 56002/100000 [13:35<13:16, 55.27it/s]
Training Step:  56%|          | 56009/100000 [13:35<12:38, 57.98it/s]
Training Step:  56%|          | 56016/100000 [13:36<12:23, 59.17it/s]
Training Step:  56%|          | 56023/100000 [13:36<11:59, 61.13it/s]
Training Step:  56%|          | 56030/100000 [13:36<11:58, 61.21it/s]
Training Step:  56%|          | 56037/100000 [13:36<11:49, 61.93it/s]
Training Step:  56%|          | 56044/100000 [13:36<11:53, 61.61it/s]
```

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Training Step:  56%|          | 56051/100000 [13:36<11:50, 61.87it/s]
Training Step:  56%|          | 56058/100000 [13:36<12:01, 60.92it/s]
Training Step:  56%|          | 56065/100000 [13:36<11:50, 61.88it/s]
Training Step:  56%|          | 56072/100000 [13:36<11:50, 61.79it/s]
Training Step:  56%|          | 56079/100000 [13:37<11:36, 63.08it/s]
Training Step:  56%|          | 56086/100000 [13:37<11:47, 62.07it/s]
Training Step:  56%|          | 56093/100000 [13:37<11:47, 62.03it/s]
Training Step:  56%|          | 56100/100000 [13:37<11:49, 61.84it/s]
Training Step:  56%|          | 56107/100000 [13:37<11:34, 63.21it/s]
Training Step:  56%|          | 56114/100000 [13:37<11:59, 61.02it/s]
Training Step:  56%|          | 56121/100000 [13:37<12:07, 60.34it/s]
Training Step:  56%|          | 56128/100000 [13:37<12:20, 59.27it/s]
Training Step:  56%|          | 56134/100000 [13:38<12:43, 57.48it/s]
Training Step:  56%|          | 56140/100000 [13:38<13:00, 56.19it/s]
Training Step:  56%|          | 56146/100000 [13:38<13:00, 56.16it/s]
Training Step:  56%|          | 56152/100000 [13:38<14:04, 51.93it/s]
Training Step:  56%|          | 56158/100000 [13:38<15:43, 46.48it/s]
Training Step:  56%|          | 56163/100000 [13:38<15:28, 47.22it/s]
Training Step:  56%|          | 56169/100000 [13:38<14:47, 49.37it/s]
Training Step:  56%|          | 56175/100000 [13:38<14:35, 50.07it/s]
Training Step:  56%|          | 56182/100000 [13:38<13:55, 52.44it/s]
Training Step:  56%|          | 56188/100000 [13:39<13:35, 53.73it/s]
Training Step:  56%|          | 56194/100000 [13:39<13:18, 54.83it/s]
Training Step:  56%|          | 56200/100000 [13:39<13:06, 55.72it/s]
Training Step:  56%|          | 56206/100000 [13:39<13:01, 56.05it/s]
Training Step:  56%|          | 56212/100000 [13:39<12:54, 56.53it/s]
Training Step:  56%|          | 56218/100000 [13:39<12:41, 57.52it/s]
Training Step:  56%|          | 56225/100000 [13:39<12:08, 60.10it/s]
Training Step:  56%|          | 56232/100000 [13:39<11:39, 62.60it/s]
Training Step:  56%|          | 56240/100000 [13:39<11:09, 65.39it/s]
Training Step:  56%|          | 56247/100000 [13:40<11:31, 63.26it/s]
Training Step:  56%|          | 56254/100000 [13:40<11:13, 64.97it/s]
Training Step:  56%|          | 56262/100000 [13:40<10:51, 67.15it/s]
Training Step:  56%|          | 56270/100000 [13:40<10:42, 68.09it/s]
Training Step:  56%|          | 56279/100000 [13:40<10:05,
72.20it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
arrive_dest.

Training Step:  56%|          | 56287/100000 [13:40<11:51, 61.47it/s]
Training Step:  56%|          | 56294/100000 [13:40<11:54, 61.16it/s]
Training Step:  56%|          | 56301/100000 [13:40<11:32, 63.09it/s]
Training Step:  56%|          | 56308/100000 [13:41<12:01, 60.58it/s]
Training Step:  56%|          | 56315/100000 [13:41<11:38, 62.55it/s]
Training Step:  56%|          | 56322/100000 [13:41<11:31, 63.20it/s]
Training Step:  56%|          | 56330/100000 [13:41<10:59, 66.18it/s]
Training Step:  56%|          | 56337/100000 [13:41<11:06, 65.55it/s]
Training Step:  56%|          | 56344/100000 [13:41<11:28, 63.39it/s]
Training Step:  56%|          | 56352/100000 [13:41<11:08, 65.34it/s]
```

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Training Step:  56%|         | 56360/100000 [13:41<10:44, 67.68it/s]
Training Step:  56%|         | 56368/100000 [13:41<10:44, 67.72it/s]
Training Step:  56%|         | 56375/100000 [13:41<10:40, 68.15it/s]
Training Step:  56%|         | 56382/100000 [13:42<10:54, 66.62it/s]
Training Step:  56%|         | 56389/100000 [13:42<11:07, 65.37it/s]
Training Step:  56%|         | 56396/100000 [13:42<11:12, 64.85it/s]
Training Step:  56%|         | 56403/100000 [13:42<11:08, 65.20it/s]
Training Step:  56%|         | 56410/100000 [13:42<10:58, 66.18it/s]
Training Step:  56%|         | 56417/100000 [13:42<10:51, 66.89it/s]
Training Step:  56%|         | 56424/100000 [13:42<11:08,
65.15it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  56%|         | 56431/100000 [13:42<12:53, 56.30it/s]
Training Step:  56%|         | 56439/100000 [13:43<11:52, 61.11it/s]
Training Step:  56%|         | 56447/100000 [13:43<11:02, 65.74it/s]
Training Step:  56%|         | 56455/100000 [13:43<10:42, 67.78it/s]
Training Step:  56%|         | 56462/100000 [13:43<12:05, 59.98it/s]
Training Step:  56%|         | 56469/100000 [13:43<13:46, 52.70it/s]
Training Step:  56%|         | 56475/100000 [13:43<14:59, 48.39it/s]
Training Step:  56%|         | 56481/100000 [13:43<15:11, 47.75it/s]
Training Step:  56%|         | 56486/100000 [13:43<15:20, 47.28it/s]
Training Step:  56%|         | 56491/100000 [13:44<15:16, 47.48it/s]
Training Step:  56%|         | 56496/100000 [13:44<16:00, 45.31it/s]
Training Step:  57%|         | 56501/100000 [13:44<15:54, 45.58it/s]
Training Step:  57%|         | 56506/100000 [13:44<16:07, 44.96it/s]
Training Step:  57%|         | 56511/100000 [13:44<17:01,
42.55it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  57%|         | 56516/100000 [13:44<24:12, 29.94it/s]
Training Step:  57%|         | 56521/100000 [13:44<21:33, 33.61it/s]
Training Step:  57%|         | 56526/100000 [13:45<20:19, 35.65it/s]
Training Step:  57%|         | 56531/100000 [13:45<19:13, 37.67it/s]
Training Step:  57%|         | 56536/100000 [13:45<19:40, 36.82it/s]
Training Step:  57%|         | 56540/100000 [13:45<19:41, 36.79it/s]
Training Step:  57%|         | 56544/100000 [13:45<20:10, 35.89it/s]
Training Step:  57%|         | 56548/100000 [13:45<20:00, 36.20it/s]
Training Step:  57%|         | 56552/100000 [13:45<22:23, 32.35it/s]
Training Step:  57%|         | 56556/100000 [13:45<22:12, 32.60it/s]
Training Step:  57%|         | 56560/100000 [13:46<22:16, 32.50it/s]
Training Step:  57%|         | 56564/100000 [13:46<22:37, 32.00it/s]
Training Step:  57%|         | 56568/100000 [13:46<22:01, 32.86it/s]
Training Step:  57%|         | 56572/100000 [13:46<22:28, 32.20it/s]
Training Step:  57%|         | 56576/100000 [13:46<22:34, 32.07it/s]
Training Step:  57%|         | 56580/100000 [13:46<22:15, 32.50it/s]
Training Step:  57%|         | 56584/100000 [13:46<23:04, 31.36it/s]
Training Step:  57%|         | 56588/100000 [13:46<22:33, 32.07it/s]
```

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Training Step:  57%|          | 56592/100000 [13:47<22:21, 32.35it/s]
Training Step:  57%|          | 56596/100000 [13:47<21:07, 34.23it/s]
Training Step:  57%|          | 56600/100000 [13:47<20:19, 35.59it/s]
Training Step:  57%|          | 56604/100000 [13:47<20:21, 35.53it/s]
Training Step:  57%|          | 56608/100000 [13:47<20:32, 35.21it/s]
Training Step:  57%|          | 56612/100000 [13:47<20:43, 34.90it/s]
Training Step:  57%|          | 56616/100000 [13:47<20:47, 34.77it/s]
Training Step:  57%|          | 56620/100000 [13:47<20:57, 34.51it/s]
Training Step:  57%|          | 56624/100000 [13:47<21:23, 33.80it/s]
Training Step:  57%|          | 56628/100000 [13:48<22:40, 31.89it/s]
Training Step:  57%|          | 56632/100000 [13:48<27:10, 26.60it/s]
Training Step:  57%|          | 56635/100000 [13:48<26:31, 27.24it/s]
Training Step:  57%|          | 56639/100000 [13:48<25:15, 28.61it/s]
Training Step:  57%|          | 56643/100000 [13:48<23:54, 30.22it/s]
Training Step:  57%|          | 56647/100000 [13:48<23:30, 30.74it/s]
Training Step:  57%|          | 56651/100000 [13:48<23:36, 30.61it/s]
Training Step:  57%|          | 56655/100000 [13:49<24:36, 29.36it/s]
Training Step:  57%|          | 56658/100000 [13:49<25:39, 28.15it/s]
Training Step:  57%|          | 56661/100000 [13:49<28:56, 24.96it/s]
Training Step:  57%|          | 56664/100000 [13:49<28:39, 25.20it/s]
Training Step:  57%|          | 56667/100000 [13:49<27:59, 25.81it/s]
Training Step:  57%|          | 56670/100000 [13:49<27:25, 26.34it/s]
Training Step:  57%|          | 56673/100000 [13:49<26:35, 27.16it/s]
Training Step:  57%|          | 56677/100000 [13:49<25:13, 28.63it/s]
Training Step:  57%|          | 56680/100000 [13:50<26:01, 27.74it/s]
Training Step:  57%|          | 56683/100000 [13:50<27:22, 26.37it/s]
Training Step:  57%|          | 56686/100000 [13:50<28:25, 25.39it/s]
Training Step:  57%|          | 56689/100000 [13:50<28:33, 25.28it/s]
Training Step:  57%|          | 56692/100000 [13:50<28:17, 25.51it/s]
Training Step:  57%|          | 56696/100000 [13:50<26:54, 26.82it/s]
Training Step:  57%|          | 56700/100000 [13:50<25:44, 28.03it/s]
Training Step:  57%|          | 56704/100000 [13:50<25:13, 28.60it/s]
Training Step:  57%|          | 56708/100000 [13:51<24:57, 28.92it/s]
Training Step:  57%|          | 56711/100000 [13:51<24:46, 29.11it/s]
Training Step:  57%|          | 56714/100000 [13:51<25:25, 28.38it/s]
Training Step:  57%|          | 56717/100000 [13:51<25:57, 27.78it/s]
Training Step:  57%|          | 56720/100000 [13:51<26:18, 27.42it/s]
Training Step:  57%|          | 56723/100000 [13:51<26:28, 27.24it/s]
Training Step:  57%|          | 56726/100000 [13:51<27:14, 26.48it/s]
Training Step:  57%|          | 56729/100000 [13:51<27:13, 26.50it/s]
Training Step:  57%|          | 56732/100000 [13:51<27:24, 26.31it/s]
Training Step:  57%|          | 56735/100000 [13:52<27:15, 26.45it/s]
Training Step:  57%|          | 56738/100000 [13:52<27:52, 25.87it/s]
Training Step:  57%|          | 56741/100000 [13:52<27:35, 26.13it/s]
Training Step:  57%|          | 56744/100000 [13:52<27:54, 25.83it/s]
Training Step:  57%|          | 56747/100000 [13:52<27:31, 26.20it/s]
Training Step:  57%|          | 56750/100000 [13:52<29:08, 24.74it/s]
Training Step:  57%|          | 56753/100000 [13:52<27:40, 26.05it/s]
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Training Step:  57%|            | 56756/100000 [13:52<27:56, 25.79it/s]
Training Step:  57%|            | 56759/100000 [13:52<27:06, 26.58it/s]
Training Step:  57%|            | 56762/100000 [13:53<27:16, 26.43it/s]
Training Step:  57%|            | 56765/100000 [13:53<26:21, 27.33it/s]
Training Step:  57%|            | 56769/100000 [13:53<24:53, 28.94it/s]
Training Step:  57%|            | 56772/100000 [13:53<24:47, 29.07it/s]
Training Step:  57%|            | 56776/100000 [13:53<24:40, 29.19it/s]
Training Step:  57%|            | 56780/100000 [13:53<24:37, 29.26it/s]
Training Step:  57%|            | 56783/100000 [13:53<24:46, 29.08it/s]
Training Step:  57%|            | 56786/100000 [13:53<25:19, 28.45it/s]
Training Step:  57%|            | 56789/100000 [13:54<25:03, 28.75it/s]
Training Step:  57%|            | 56792/100000 [13:54<26:11, 27.49it/s]
Training Step:  57%|            | 56795/100000 [13:54<25:37, 28.10it/s]
Training Step:  57%|            | 56798/100000 [13:54<25:55, 27.78it/s]
Training Step:  57%|            | 56801/100000 [13:54<26:07, 27.55it/s]
Training Step:  57%|            | 56804/100000 [13:54<26:33, 27.10it/s]
Training Step:  57%|            | 56807/100000 [13:54<26:09, 27.52it/s]
Training Step:  57%|            | 56810/100000 [13:54<26:30, 27.15it/s]
Training Step:  57%|            | 56813/100000 [13:54<26:28, 27.19it/s]
Training Step:  57%|            | 56816/100000 [13:55<26:26, 27.21it/s]
Training Step:  57%|            | 56819/100000 [13:55<26:36, 27.04it/s]
Training Step:  57%|            | 56822/100000 [13:55<26:56, 26.71it/s]
Training Step:  57%|            | 56825/100000 [13:55<26:12, 27.46it/s]
Training Step:  57%|            | 56828/100000 [13:55<25:40, 28.02it/s]
Training Step:  57%|            | 56832/100000 [13:55<23:43, 30.32it/s]
Training Step:  57%|            | 56836/100000 [13:55<22:00, 32.68it/s]
Training Step:  57%|            | 56841/100000 [13:55<20:09, 35.69it/s]
Training Step:  57%|            | 56845/100000 [13:55<19:36, 36.69it/s]
Training Step:  57%|            | 56849/100000 [13:55<19:16, 37.31it/s]
Training Step:  57%|            | 56853/100000 [13:56<19:45, 36.41it/s]
Training Step:  57%|            | 56857/100000 [13:56<20:14, 35.52it/s]
Training Step:  57%|            | 56861/100000 [13:56<19:56, 36.06it/s]
Training Step:  57%|            | 56865/100000 [13:56<19:29, 36.87it/s]
Training Step:  57%|            | 56869/100000 [13:56<19:05, 37.66it/s]
Training Step:  57%|            | 56874/100000 [13:56<18:35, 38.66it/s]
Training Step:  57%|            | 56878/100000 [13:56<18:40, 38.49it/s]
Training Step:  57%|            | 56882/100000 [13:56<18:46, 38.27it/s]
Training Step:  57%|            | 56887/100000 [13:56<18:06, 39.69it/s]
Training Step:  57%|            | 56892/100000 [13:57<17:53, 40.17it/s]
Training Step:  57%|            | 56897/100000 [13:57<17:51, 40.22it/s]
Training Step:  57%|            | 56902/100000 [13:57<18:44, 38.32it/s]
Training Step:  57%|            | 56906/100000 [13:57<20:26, 35.15it/s]
Training Step:  57%|            | 56910/100000 [13:57<20:44, 34.63it/s]
Training Step:  57%|            | 56914/100000 [13:57<20:15, 35.45it/s]
Training Step:  57%|            | 56918/100000 [13:57<20:00, 35.89it/s]
Training Step:  57%|            | 56922/100000 [13:57<20:17, 35.38it/s]
Training Step:  57%|            | 56926/100000 [13:58<20:42, 34.67it/s]
Training Step:  57%|            | 56930/100000 [13:58<20:28, 35.06it/s]
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Training Step:   57%|        | 56934/100000 [13:58<20:37, 34.80it/s]
Training Step:   57%|        | 56938/100000 [13:58<21:57, 32.68it/s]
Training Step:   57%|        | 56942/100000 [13:58<21:46, 32.95it/s]
Training Step:   57%|        | 56946/100000 [13:58<21:19, 33.65it/s]
Training Step:   57%|        | 56950/100000 [13:58<20:21, 35.23it/s]
Training Step:   57%|        | 56955/100000 [13:58<19:01, 37.72it/s]
Training Step:   57%|        | 56960/100000 [13:59<18:36, 38.55it/s]
Training Step:   57%|        | 56965/100000 [13:59<17:41, 40.53it/s]
Training Step:   57%|        | 56970/100000 [13:59<17:29, 40.99it/s]
Training Step:   57%|        | 56975/100000 [13:59<16:43, 42.88it/s]
Training Step:   57%|        | 56980/100000 [13:59<16:54, 42.42it/s]
Training Step:   57%|        | 56985/100000 [13:59<16:59, 42.19it/s]
Training Step:   57%|        | 56990/100000 [13:59<16:47, 42.71it/s]
Training Step:   57%|        | 56995/100000 [13:59<16:29, 43.46it/s]
Training Step:   57%|        | 57000/100000 [13:59<16:34, 43.24it/s]
Training Step:   57%|        | 57005/100000 [14:00<15:59, 44.83it/s]
Training Step:   57%|        | 57010/100000 [14:00<16:00, 44.77it/s]
Training Step:   57%|        | 57015/100000 [14:00<16:08, 44.38it/s]
Training Step:   57%|        | 57020/100000 [14:00<16:30, 43.41it/s]
Training Step:   57%|        | 57026/100000 [14:00<16:00, 44.75it/s]
Training Step:   57%|        | 57031/100000 [14:00<16:54,
42.37it/s][INFO] Episode ended! Scenario Index: 1003 Reason: crash
vehicle

Training Step:   57%|        | 57036/100000 [14:00<21:22, 33.51it/s]
Training Step:   57%|        | 57042/100000 [14:00<18:34, 38.54it/s]
Training Step:   57%|        | 57048/100000 [14:01<16:32, 43.26it/s]
Training Step:   57%|        | 57054/100000 [14:01<15:09, 47.20it/s]
Training Step:   57%|        | 57060/100000 [14:01<14:31, 49.26it/s]
Training Step:   57%|        | 57066/100000 [14:01<14:21, 49.86it/s]
Training Step:   57%|        | 57072/100000 [14:01<14:33, 49.16it/s]
Training Step:   57%|        | 57078/100000 [14:01<14:50, 48.20it/s]
Training Step:   57%|        | 57083/100000 [14:01<14:46, 48.42it/s]
Training Step:   57%|        | 57088/100000 [14:01<15:11, 47.07it/s]
Training Step:   57%|        | 57093/100000 [14:01<15:05, 47.40it/s]
Training Step:   57%|        | 57098/100000 [14:02<15:11, 47.08it/s]
Training Step:   57%|        | 57104/100000 [14:02<14:53, 48.00it/s]
Training Step:   57%|        | 57109/100000 [14:02<16:20, 43.76it/s]
Training Step:   57%|        | 57114/100000 [14:02<18:10, 39.33it/s]
Training Step:   57%|        | 57119/100000 [14:02<17:22, 41.13it/s]
Training Step:   57%|        | 57124/100000 [14:02<16:57,
42.16it/s][INFO] Episode ended! Scenario Index: 1000 Reason: crash
vehicle

Training Step:   57%|        | 57129/100000 [14:02<21:01, 33.99it/s]
Training Step:   57%|        | 57135/100000 [14:03<18:11, 39.27it/s]
Training Step:   57%|        | 57141/100000 [14:03<16:41, 42.79it/s]
Training Step:   57%|        | 57147/100000 [14:03<15:35, 45.82it/s]
```

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Training Step:  57%|         | 57153/100000 [14:03<15:04, 47.39it/s]
Training Step:  57%|         | 57158/100000 [14:03<15:32, 45.92it/s]
Training Step:  57%|         | 57163/100000 [14:03<15:16, 46.74it/s]
Training Step:  57%|         | 57168/100000 [14:03<15:35, 45.76it/s]
Training Step:  57%|         | 57173/100000 [14:03<15:15, 46.79it/s]
Training Step:  57%|         | 57178/100000 [14:03<17:05, 41.75it/s]
Training Step:  57%|         | 57183/100000 [14:04<16:57, 42.08it/s]
Training Step:  57%|         | 57188/100000 [14:04<16:50, 42.36it/s]
Training Step:  57%|         | 57193/100000 [14:04<16:12, 44.03it/s]
Training Step:  57%|         | 57198/100000 [14:04<16:00, 44.56it/s]
Training Step:  57%|         | 57203/100000 [14:04<15:49, 45.07it/s]
Training Step:  57%|         | 57208/100000 [14:04<15:52, 44.94it/s]
Training Step:  57%|         | 57213/100000 [14:04<15:28, 46.09it/s]
Training Step:  57%|         | 57218/100000 [14:04<15:19, 46.54it/s]
Training Step:  57%|         | 57223/100000 [14:04<15:07, 47.12it/s]
Training Step:  57%|         | 57228/100000 [14:05<15:27, 46.09it/s]
Training Step:  57%|         | 57234/100000 [14:05<15:12, 46.84it/s]
Training Step:  57%|         | 57240/100000 [14:05<15:05, 47.24it/s]
Training Step:  57%|         | 57246/100000 [14:05<14:40, 48.58it/s]
Training Step:  57%|         | 57252/100000 [14:05<14:47, 48.16it/s]
Training Step:  57%|         | 57257/100000 [14:05<14:38, 48.64it/s]
Training Step:  57%|         | 57262/100000 [14:05<14:46, 48.22it/s]
Training Step:  57%|         | 57268/100000 [14:05<14:37, 48.68it/s]
Training Step:  57%|         | 57274/100000 [14:06<14:37, 48.70it/s]
Training Step:  57%|         | 57279/100000 [14:06<14:33, 48.92it/s]
Training Step:  57%|         | 57284/100000 [14:06<14:42, 48.42it/s]
Training Step:  57%|         | 57289/100000 [14:06<15:11, 46.86it/s]
Training Step:  57%|         | 57294/100000 [14:06<16:07, 44.16it/s]
Training Step:  57%|         | 57299/100000 [14:06<15:43, 45.24it/s]
Training Step:  57%|         | 57304/100000 [14:06<15:52, 44.83it/s]
Training Step:  57%|         | 57309/100000 [14:06<16:03, 44.30it/s]
Training Step:  57%|         | 57314/100000 [14:06<16:16, 43.71it/s]
Training Step:  57%|         | 57319/100000 [14:07<15:44, 45.17it/s]
Training Step:  57%|         | 57324/100000 [14:07<15:50, 44.89it/s]
Training Step:  57%|         | 57329/100000 [14:07<15:24, 46.18it/s]
Training Step:  57%|         | 57334/100000 [14:07<15:18, 46.47it/s]
Training Step:  57%|         | 57340/100000 [14:07<15:05, 47.10it/s]
Training Step:  57%|         | 57345/100000 [14:07<15:17, 46.49it/s]
Training Step:  57%|         | 57350/100000 [14:07<15:48, 44.98it/s]
Training Step:  57%|         | 57355/100000 [14:07<15:52, 44.76it/s]
Training Step:  57%|         | 57360/100000 [14:07<16:26, 43.24it/s]
Training Step:  57%|         | 57365/100000 [14:08<16:30, 43.03it/s]
Training Step:  57%|         | 57370/100000 [14:08<17:35, 40.38it/s]
Training Step:  57%|         | 57375/100000 [14:08<17:56, 39.60it/s]
Training Step:  57%|         | 57380/100000 [14:08<18:08, 39.16it/s]
Training Step:  57%|         | 57384/100000 [14:08<18:14, 38.92it/s]
Training Step:  57%|         | 57389/100000 [14:08<17:43, 40.08it/s]
Training Step:  57%|         | 57394/100000 [14:08<18:36, 38.16it/s]
```

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Training Step:  57%|          | 57398/100000 [14:08<18:25, 38.53it/s]
Training Step:  57%|          | 57403/100000 [14:09<17:59, 39.47it/s]
Training Step:  57%|          | 57407/100000 [14:09<18:32, 38.30it/s]
Training Step:  57%|          | 57411/100000 [14:09<19:16, 36.83it/s]
Training Step:  57%|          | 57415/100000 [14:09<19:38, 36.14it/s]
Training Step:  57%|          | 57419/100000 [14:09<19:11, 36.97it/s]
Training Step:  57%|          | 57424/100000 [14:09<18:36, 38.14it/s]
Training Step:  57%|          | 57429/100000 [14:09<18:05, 39.22it/s]
Training Step:  57%|          | 57433/100000 [14:09<18:31, 38.30it/s]
Training Step:  57%|          | 57437/100000 [14:09<18:41, 37.94it/s]
Training Step:  57%|          | 57441/100000 [14:10<19:10, 36.98it/s]
Training Step:  57%|          | 57446/100000 [14:10<18:39, 38.00it/s]
Training Step:  57%|          | 57451/100000 [14:10<17:47, 39.85it/s]
Training Step:  57%|          | 57456/100000 [14:10<17:35, 40.31it/s]
Training Step:  57%|          | 57461/100000 [14:10<17:02, 41.61it/s]
Training Step:  57%|          | 57466/100000 [14:10<17:01, 41.63it/s]
Training Step:  57%|          | 57471/100000 [14:10<17:13, 41.14it/s]
Training Step:  57%|          | 57476/100000 [14:10<17:21, 40.83it/s]
Training Step:  57%|          | 57481/100000 [14:11<17:02, 41.59it/s]
Training Step:  57%|          | 57486/100000 [14:11<17:22, 40.80it/s]
Training Step:  57%|          | 57491/100000 [14:11<17:15, 41.05it/s]
Training Step:  57%|          | 57496/100000 [14:11<17:38, 40.17it/s]
Training Step:  58%|          | 57501/100000 [14:11<16:55, 41.85it/s]
Training Step:  58%|          | 57506/100000 [14:11<16:51, 42.02it/s]
Training Step:  58%|          | 57511/100000 [14:11<16:30, 42.89it/s]
Training Step:  58%|          | 57516/100000 [14:11<16:49, 42.08it/s]
Training Step:  58%|          | 57521/100000 [14:11<16:29, 42.93it/s]
Training Step:  58%|          | 57526/100000 [14:12<16:17, 43.45it/s]
Training Step:  58%|          | 57532/100000 [14:12<15:29, 45.67it/s]
Training Step:  58%|          | 57538/100000 [14:12<15:08, 46.76it/s]
Training Step:  58%|          | 57544/100000 [14:12<14:44, 47.99it/s]
Training Step:  58%|          | 57550/100000 [14:12<14:29, 48.85it/s]
Training Step:  58%|          | 57555/100000 [14:12<14:39, 48.25it/s]
Training Step:  58%|          | 57560/100000 [14:12<14:45, 47.95it/s]
Training Step:  58%|          | 57566/100000 [14:12<14:40, 48.21it/s]
Training Step:  58%|          | 57572/100000 [14:13<14:34, 48.49it/s]
Training Step:  58%|          | 57578/100000 [14:13<14:19, 49.33it/s]
Training Step:  58%|          | 57584/100000 [14:13<14:05, 50.17it/s]
Training Step:  58%|          | 57590/100000 [14:13<13:46, 51.30it/s]
Training Step:  58%|          | 57596/100000 [14:13<13:59, 50.51it/s]
Training Step:  58%|          | 57602/100000 [14:13<13:55, 50.74it/s]
Training Step:  58%|          | 57608/100000 [14:13<13:31, 52.24it/s]
Training Step:  58%|          | 57614/100000 [14:13<14:07, 49.99it/s]
Training Step:  58%|          | 57620/100000 [14:13<14:05, 50.14it/s]
Training Step:  58%|          | 57626/100000 [14:14<14:25, 48.98it/s]
Training Step:  58%|          | 57632/100000 [14:14<14:04, 50.15it/s]
Training Step:  58%|          | 57638/100000 [14:14<14:18, 49.36it/s]
Training Step:  58%|          | 57644/100000 [14:14<13:55, 50.68it/s]
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Training Step:   58%|          | 57650/100000 [14:14<13:25, 52.60it/s]
Training Step:   58%|          | 57656/100000 [14:14<13:05, 53.89it/s]
Training Step:   58%|          | 57663/100000 [14:14<12:31, 56.33it/s]
Training Step:   58%|          | 57670/100000 [14:14<12:21, 57.11it/s]
Training Step:   58%|          | 57677/100000 [14:14<11:47, 59.82it/s]
Training Step:   58%|          | 57684/100000 [14:15<11:51, 59.50it/s]
Training Step:   58%|          | 57690/100000 [14:15<11:52,
59.40it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:   58%|          | 57697/100000 [14:15<13:40, 51.53it/s]
Training Step:   58%|          | 57704/100000 [14:15<12:35, 55.99it/s]
Training Step:   58%|          | 57712/100000 [14:15<11:56, 59.03it/s]
Training Step:   58%|          | 57719/100000 [14:15<11:33, 60.94it/s]
Training Step:   58%|          | 57726/100000 [14:15<11:28, 61.40it/s]
Training Step:   58%|          | 57734/100000 [14:15<11:02, 63.84it/s]
Training Step:   58%|          | 57741/100000 [14:16<10:50, 65.01it/s]
Training Step:   58%|          | 57748/100000 [14:16<10:59, 64.08it/s]
Training Step:   58%|          | 57755/100000 [14:16<10:53, 64.64it/s]
Training Step:   58%|          | 57762/100000 [14:16<11:03, 63.65it/s]
Training Step:   58%|          | 57769/100000 [14:16<11:30, 61.16it/s]
Training Step:   58%|          | 57776/100000 [14:16<11:36, 60.60it/s]
Training Step:   58%|          | 57783/100000 [14:16<11:33, 60.84it/s]
Training Step:   58%|          | 57790/100000 [14:16<12:09, 57.84it/s]
Training Step:   58%|          | 57796/100000 [14:16<12:08, 57.94it/s]
Training Step:   58%|          | 57802/100000 [14:17<12:25, 56.57it/s]
Training Step:   58%|          | 57808/100000 [14:17<12:43, 55.25it/s]
Training Step:   58%|          | 57814/100000 [14:17<12:32, 56.09it/s]
Training Step:   58%|          | 57820/100000 [14:17<12:56, 54.31it/s]
Training Step:   58%|          | 57826/100000 [14:17<12:54, 54.44it/s]
Training Step:   58%|          | 57832/100000 [14:17<12:56, 54.33it/s]
Training Step:   58%|          | 57838/100000 [14:17<13:05, 53.65it/s]
Training Step:   58%|          | 57844/100000 [14:17<12:55,
54.34it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:   58%|          | 57850/100000 [14:18<15:42, 44.73it/s]
Training Step:   58%|          | 57857/100000 [14:18<13:54, 50.48it/s]
Training Step:   58%|          | 57864/100000 [14:18<12:50, 54.69it/s]
Training Step:   58%|          | 57871/100000 [14:18<12:04, 58.13it/s]
Training Step:   58%|          | 57878/100000 [14:18<12:45, 55.01it/s]
Training Step:   58%|          | 57884/100000 [14:18<13:06, 53.58it/s]
Training Step:   58%|          | 57890/100000 [14:18<13:17, 52.78it/s]
Training Step:   58%|          | 57896/100000 [14:18<13:25, 52.26it/s]
Training Step:   58%|          | 57902/100000 [14:18<13:30, 51.95it/s]
Training Step:   58%|          | 57908/100000 [14:19<13:18, 52.71it/s]
Training Step:   58%|          | 57914/100000 [14:19<13:22, 52.41it/s]
Training Step:   58%|          | 57920/100000 [14:19<13:27, 52.14it/s]
```

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Training Step:  58%|         | 57926/100000 [14:19<14:04, 49.83it/s]
Training Step:  58%|         | 57932/100000 [14:19<13:59, 50.13it/s]
Training Step:  58%|         | 57938/100000 [14:19<14:24, 48.66it/s]
Training Step:  58%|         | 57943/100000 [14:19<14:20, 48.86it/s]
Training Step:  58%|         | 57948/100000 [14:19<14:29, 48.39it/s]
Training Step:  58%|         | 57954/100000 [14:20<14:24, 48.64it/s]
Training Step:  58%|         | 57960/100000 [14:20<14:12, 49.29it/s]
Training Step:  58%|         | 57966/100000 [14:20<13:52, 50.47it/s]
Training Step:  58%|         | 57972/100000 [14:20<13:44, 51.00it/s]
Training Step:  58%|         | 57978/100000 [14:20<13:27, 52.02it/s]
Training Step:  58%|         | 57984/100000 [14:20<13:39, 51.26it/s]
Training Step:  58%|         | 57990/100000 [14:20<13:39, 51.27it/s]
Training Step:  58%|         | 57996/100000 [14:20<13:53, 50.39it/s]
Training Step:  58%|         | 58002/100000 [14:20<14:33, 48.09it/s]
Training Step:  58%|         | 58008/100000 [14:21<14:16, 49.02it/s]
Training Step:  58%|         | 58014/100000 [14:21<14:03, 49.77it/s]
Training Step:  58%|         | 58020/100000 [14:21<14:00, 49.96it/s]
Training Step:  58%|         | 58026/100000 [14:21<13:45, 50.86it/s]
Training Step:  58%|         | 58032/100000 [14:21<13:38, 51.25it/s]
Training Step:  58%|         | 58038/100000 [14:21<13:37, 51.32it/s]
Training Step:  58%|         | 58044/100000 [14:21<13:36, 51.37it/s]
Training Step:  58%|         | 58050/100000 [14:21<13:43, 50.96it/s]
Training Step:  58%|         | 58056/100000 [14:22<13:43, 50.91it/s]
Training Step:  58%|         | 58062/100000 [14:22<14:36, 47.85it/s]
Training Step:  58%|         | 58067/100000 [14:22<15:01, 46.50it/s]
Training Step:  58%|         | 58072/100000 [14:22<15:46, 44.31it/s]
Training Step:  58%|         | 58077/100000 [14:22<15:49, 44.15it/s]
Training Step:  58%|         | 58082/100000 [14:22<15:55, 43.86it/s]
Training Step:  58%|         | 58087/100000 [14:22<15:50, 44.10it/s]
Training Step:  58%|         | 58092/100000 [14:22<15:46, 44.28it/s]
Training Step:  58%|         | 58097/100000 [14:22<15:31, 44.98it/s]
Training Step:  58%|         | 58102/100000 [14:23<15:48, 44.18it/s]
Training Step:  58%|         | 58107/100000 [14:23<15:40, 44.55it/s]
Training Step:  58%|         | 58112/100000 [14:23<15:42, 44.46it/s]
Training Step:  58%|         | 58117/100000 [14:23<16:03, 43.47it/s]
Training Step:  58%|         | 58122/100000 [14:23<16:13, 43.03it/s]
Training Step:  58%|         | 58127/100000 [14:23<15:45, 44.31it/s]
Training Step:  58%|         | 58132/100000 [14:23<16:38, 41.95it/s]
Training Step:  58%|         | 58137/100000 [14:23<16:27, 42.40it/s]
Training Step:  58%|         | 58142/100000 [14:24<16:47, 41.55it/s]
Training Step:  58%|         | 58147/100000 [14:24<16:44, 41.69it/s]
Training Step:  58%|         | 58152/100000 [14:24<17:25, 40.02it/s]
Training Step:  58%|         | 58157/100000 [14:24<16:40, 41.82it/s]
Training Step:  58%|         | 58162/100000 [14:24<16:28, 42.31it/s]
Training Step:  58%|         | 58167/100000 [14:24<16:13, 42.98it/s]
Training Step:  58%|         | 58172/100000 [14:24<16:19, 42.69it/s]
Training Step:  58%|         | 58177/100000 [14:24<15:49, 44.06it/s]
Training Step:  58%|         | 58182/100000 [14:24<15:54, 43.80it/s]
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Training Step:  58%|        | 58187/100000 [14:25<15:56, 43.71it/s]
Training Step:  58%|        | 58192/100000 [14:25<16:05, 43.30it/s]
Training Step:  58%|        | 58197/100000 [14:25<15:56, 43.71it/s]
Training Step:  58%|        | 58202/100000 [14:25<15:53, 43.85it/s]
Training Step:  58%|        | 58207/100000 [14:25<15:49, 44.00it/s]
Training Step:  58%|        | 58212/100000 [14:25<15:50, 43.96it/s]
Training Step:  58%|        | 58217/100000 [14:25<15:36, 44.63it/s]
Training Step:  58%|        | 58222/100000 [14:25<15:25, 45.12it/s]
Training Step:  58%|        | 58227/100000 [14:25<15:03, 46.22it/s]
Training Step:  58%|        | 58232/100000 [14:26<15:18, 45.49it/s]
Training Step:  58%|        | 58237/100000 [14:26<15:03, 46.23it/s]
Training Step:  58%|        | 58242/100000 [14:26<15:27, 45.02it/s]
Training Step:  58%|        | 58247/100000 [14:26<15:17, 45.49it/s]
Training Step:  58%|        | 58252/100000 [14:26<15:28, 44.95it/s]
Training Step:  58%|        | 58258/100000 [14:26<14:56, 46.55it/s]
Training Step:  58%|        | 58264/100000 [14:26<14:29, 48.00it/s]
Training Step:  58%|        | 58270/100000 [14:26<14:20, 48.49it/s]
Training Step:  58%|        | 58276/100000 [14:27<14:07, 49.24it/s]
Training Step:  58%|        | 58282/100000 [14:27<14:07, 49.23it/s]
Training Step:  58%|        | 58287/100000 [14:27<14:03, 49.44it/s]
Training Step:  58%|        | 58293/100000 [14:27<13:40, 50.81it/s]
Training Step:  58%|        | 58299/100000 [14:27<13:25, 51.79it/s]
Training Step:  58%|        | 58305/100000 [14:27<13:30, 51.46it/s]
Training Step:  58%|        | 58311/100000 [14:27<13:33, 51.27it/s]
Training Step:  58%|        | 58317/100000 [14:27<13:51, 50.10it/s]
Training Step:  58%|        | 58323/100000 [14:27<13:52, 50.08it/s]
Training Step:  58%|        | 58329/100000 [14:28<13:23, 51.89it/s]
Training Step:  58%|        | 58335/100000 [14:28<13:21, 51.97it/s]
Training Step:  58%|        | 58341/100000 [14:28<13:18, 52.17it/s]
Training Step:  58%|        | 58347/100000 [14:28<13:10, 52.72it/s]
Training Step:  58%|        | 58353/100000 [14:28<12:51, 53.99it/s]
Training Step:  58%|        | 58359/100000 [14:28<13:12, 52.57it/s]
Training Step:  58%|        | 58365/100000 [14:28<12:58, 53.49it/s]
Training Step:  58%|        | 58371/100000 [14:28<12:34, 55.14it/s]
Training Step:  58%|        | 58377/100000 [14:28<12:16, 56.51it/s]
Training Step:  58%|        | 58384/100000 [14:29<12:02, 57.58it/s]
Training Step:  58%|        | 58391/100000 [14:29<11:40, 59.40it/s]
Training Step:  58%|        | 58397/100000 [14:29<11:50, 58.59it/s]
Training Step:  58%|        | 58404/100000 [14:29<11:35,
59.79it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:  58%|        | 58410/100000 [14:29<13:57, 49.65it/s]
Training Step:  58%|        | 58417/100000 [14:29<12:49, 54.06it/s]
Training Step:  58%|        | 58424/100000 [14:29<12:12, 56.74it/s]
Training Step:  58%|        | 58430/100000 [14:29<12:01, 57.61it/s]
Training Step:  58%|        | 58436/100000 [14:29<12:24, 55.81it/s]
Training Step:  58%|        | 58442/100000 [14:30<13:35, 50.95it/s]
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Training Step:   58%|          | 58448/100000 [14:30<13:54, 49.81it/s]
Training Step:   58%|          | 58454/100000 [14:30<13:57, 49.63it/s]
Training Step:   58%|          | 58460/100000 [14:30<14:30, 47.74it/s]
Training Step:   58%|          | 58465/100000 [14:30<14:56, 46.33it/s]
Training Step:   58%|          | 58470/100000 [14:30<15:10, 45.63it/s]
Training Step:   58%|          | 58475/100000 [14:30<15:20, 45.12it/s]
Training Step:   58%|          | 58480/100000 [14:30<17:23, 39.78it/s]
Training Step:   58%|          | 58485/100000 [14:31<17:00, 40.69it/s]
Training Step:   58%|          | 58490/100000 [14:31<16:33, 41.77it/s]
Training Step:   58%|          | 58495/100000 [14:31<16:46, 41.23it/s]
Training Step:   58%|          | 58500/100000 [14:31<16:23, 42.19it/s]
Training Step:   59%|          | 58505/100000 [14:31<16:19, 42.35it/s]
Training Step:   59%|          | 58510/100000 [14:31<15:52, 43.57it/s]
Training Step:   59%|          | 58515/100000 [14:31<15:40, 44.11it/s]
Training Step:   59%|          | 58520/100000 [14:31<16:16,
42.47it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:   59%|          | 58525/100000 [14:32<18:36, 37.15it/s]
Training Step:   59%|          | 58532/100000 [14:32<15:56, 43.33it/s]
Training Step:   59%|          | 58538/100000 [14:32<14:35, 47.34it/s]
Training Step:   59%|          | 58545/100000 [14:32<13:12, 52.31it/s]
Training Step:   59%|          | 58551/100000 [14:32<13:08, 52.54it/s]
Training Step:   59%|          | 58557/100000 [14:32<13:41, 50.46it/s]
Training Step:   59%|          | 58563/100000 [14:32<13:22, 51.61it/s]
Training Step:   59%|          | 58569/100000 [14:32<13:09, 52.46it/s]
Training Step:   59%|          | 58575/100000 [14:32<12:40, 54.51it/s]
Training Step:   59%|          | 58581/100000 [14:33<12:28, 55.33it/s]
Training Step:   59%|          | 58587/100000 [14:33<12:34, 54.89it/s]
Training Step:   59%|          | 58593/100000 [14:33<12:41, 54.38it/s]
Training Step:   59%|          | 58599/100000 [14:33<12:39, 54.52it/s]
Training Step:   59%|          | 58605/100000 [14:33<13:05, 52.71it/s]
Training Step:   59%|          | 58611/100000 [14:33<13:13, 52.14it/s]
Training Step:   59%|          | 58617/100000 [14:33<12:43, 54.17it/s]
Training Step:   59%|          | 58623/100000 [14:33<12:38, 54.55it/s]
Training Step:   59%|          | 58629/100000 [14:33<12:48, 53.83it/s]
Training Step:   59%|          | 58635/100000 [14:34<12:51, 53.62it/s]
Training Step:   59%|          | 58641/100000 [14:34<12:57, 53.18it/s]
Training Step:   59%|          | 58647/100000 [14:34<12:37, 54.61it/s]
Training Step:   59%|          | 58653/100000 [14:34<12:27, 55.34it/s]
Training Step:   59%|          | 58659/100000 [14:34<12:38, 54.50it/s]
Training Step:   59%|          | 58665/100000 [14:34<12:54, 53.35it/s]
Training Step:   59%|          | 58671/100000 [14:34<13:08, 52.43it/s]
Training Step:   59%|          | 58677/100000 [14:34<13:25, 51.28it/s]
Training Step:   59%|          | 58683/100000 [14:35<13:02, 52.77it/s]
Training Step:   59%|          | 58689/100000 [14:35<12:40, 54.30it/s]
Training Step:   59%|          | 58695/100000 [14:35<12:21, 55.74it/s]
Training Step:   59%|          | 58701/100000 [14:35<12:30, 55.06it/s]
```

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Training Step:   59%|          | 58707/100000 [14:35<12:24, 55.43it/s]
Training Step:   59%|          | 58713/100000 [14:35<13:38, 50.43it/s]
Training Step:   59%|          | 58719/100000 [14:35<14:54, 46.12it/s]
Training Step:   59%|          | 58724/100000 [14:35<16:20, 42.08it/s]
Training Step:   59%|          | 58729/100000 [14:36<16:43, 41.12it/s]
Training Step:   59%|          | 58734/100000 [14:36<17:07, 40.15it/s]
Training Step:   59%|          | 58739/100000 [14:36<17:22, 39.56it/s]
Training Step:   59%|          | 58743/100000 [14:36<18:08, 37.91it/s]
Training Step:   59%|          | 58747/100000 [14:36<18:47, 36.60it/s]
Training Step:   59%|          | 58751/100000 [14:36<18:54, 36.36it/s]
Training Step:   59%|          | 58755/100000 [14:36<18:48, 36.54it/s]
Training Step:   59%|          | 58759/100000 [14:36<18:58, 36.21it/s]
Training Step:   59%|          | 58764/100000 [14:36<18:32, 37.08it/s]
Training Step:   59%|          | 58768/100000 [14:37<18:12, 37.75it/s]
Training Step:   59%|          | 58773/100000 [14:37<17:37, 38.98it/s]
Training Step:   59%|          | 58778/100000 [14:37<17:39, 38.91it/s]
Training Step:   59%|          | 58782/100000 [14:37<18:29, 37.14it/s]
Training Step:   59%|          | 58786/100000 [14:37<18:45, 36.62it/s]
Training Step:   59%|          | 58791/100000 [14:37<18:01, 38.09it/s]
Training Step:   59%|          | 58795/100000 [14:37<17:47, 38.59it/s]
Training Step:   59%|          | 58800/100000 [14:37<17:13,
39.87it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
out_of_road.

Training Step:   59%|          | 58805/100000 [14:38<19:35, 35.05it/s]
Training Step:   59%|          | 58812/100000 [14:38<16:02, 42.78it/s]
Training Step:   59%|          | 58819/100000 [14:38<13:49, 49.62it/s]
Training Step:   59%|          | 58826/100000 [14:38<13:09, 52.18it/s]
Training Step:   59%|          | 58832/100000 [14:38<14:31, 47.25it/s]
Training Step:   59%|          | 58838/100000 [14:38<14:19, 47.91it/s]
Training Step:   59%|          | 58843/100000 [14:38<14:16, 48.08it/s]
Training Step:   59%|          | 58849/100000 [14:38<13:42, 50.03it/s]
Training Step:   59%|          | 58855/100000 [14:38<13:21, 51.33it/s]
Training Step:   59%|          | 58861/100000 [14:39<13:11, 51.99it/s]
Training Step:   59%|          | 58867/100000 [14:39<12:45, 53.74it/s]
Training Step:   59%|          | 58873/100000 [14:39<12:27, 55.03it/s]
Training Step:   59%|          | 58879/100000 [14:39<12:10, 56.28it/s]
Training Step:   59%|          | 58885/100000 [14:39<12:17, 55.74it/s]
Training Step:   59%|          | 58891/100000 [14:39<12:09, 56.32it/s]
Training Step:   59%|          | 58897/100000 [14:39<12:13, 56.04it/s]
Training Step:   59%|          | 58904/100000 [14:39<11:56, 57.39it/s]
Training Step:   59%|          | 58910/100000 [14:39<12:25, 55.09it/s]
Training Step:   59%|          | 58916/100000 [14:40<13:05, 52.30it/s]
Training Step:   59%|          | 58922/100000 [14:40<13:04, 52.39it/s]
Training Step:   59%|          | 58928/100000 [14:40<12:54, 53.01it/s]
Training Step:   59%|          | 58934/100000 [14:40<12:37, 54.18it/s]
Training Step:   59%|          | 58940/100000 [14:40<12:50, 53.28it/s]
Training Step:   59%|          | 58946/100000 [14:40<12:57, 52.81it/s]
```

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Training Step:  59%|          | 58952/100000 [14:40<13:02, 52.48it/s]
Training Step:  59%|          | 58958/100000 [14:40<13:17, 51.44it/s]
Training Step:  59%|          | 58964/100000 [14:41<13:38, 50.11it/s]
Training Step:  59%|          | 58970/100000 [14:41<13:35, 50.33it/s]
Training Step:  59%|          | 58976/100000 [14:41<14:03,
48.64it/s][INFO] Episode ended! Scenario Index: 1009 Reason: crash
vehicle

Training Step:  59%|          | 58981/100000 [14:41<16:06, 42.43it/s]
Training Step:  59%|          | 58988/100000 [14:41<14:10, 48.20it/s]
Training Step:  59%|          | 58996/100000 [14:41<12:34, 54.33it/s]
Training Step:  59%|          | 59004/100000 [14:41<11:43, 58.26it/s]
Training Step:  59%|          | 59011/100000 [14:41<11:26, 59.74it/s]
Training Step:  59%|          | 59018/100000 [14:41<11:12, 60.92it/s]
Training Step:  59%|          | 59025/100000 [14:42<10:53, 62.68it/s]
Training Step:  59%|          | 59032/100000 [14:42<10:49, 63.07it/s]
Training Step:  59%|          | 59039/100000 [14:42<10:44, 63.58it/s]
Training Step:  59%|          | 59046/100000 [14:42<10:50, 62.91it/s]
Training Step:  59%|          | 59053/100000 [14:42<10:50, 62.96it/s]
Training Step:  59%|          | 59060/100000 [14:42<11:03, 61.66it/s]
Training Step:  59%|          | 59067/100000 [14:42<11:11, 60.94it/s]
Training Step:  59%|          | 59074/100000 [14:42<11:31, 59.22it/s]
Training Step:  59%|          | 59080/100000 [14:43<11:34, 58.96it/s]
Training Step:  59%|          | 59086/100000 [14:43<12:00, 56.75it/s]
Training Step:  59%|          | 59092/100000 [14:43<12:11, 55.96it/s]
Training Step:  59%|          | 59098/100000 [14:43<12:06, 56.30it/s]
Training Step:  59%|          | 59104/100000 [14:43<12:17, 55.47it/s]
Training Step:  59%|          | 59110/100000 [14:43<12:20, 55.20it/s]
Training Step:  59%|          | 59116/100000 [14:43<12:19, 55.30it/s]
Training Step:  59%|          | 59122/100000 [14:43<12:08, 56.15it/s]
Training Step:  59%|          | 59128/100000 [14:43<12:10, 55.97it/s]
Training Step:  59%|          | 59134/100000 [14:43<12:25, 54.85it/s]
Training Step:  59%|          | 59140/100000 [14:44<12:36, 54.02it/s]
Training Step:  59%|          | 59146/100000 [14:44<12:54, 52.75it/s]
Training Step:  59%|          | 59152/100000 [14:44<13:08, 51.82it/s]
Training Step:  59%|          | 59158/100000 [14:44<13:02, 52.20it/s]
Training Step:  59%|          | 59164/100000 [14:44<13:08, 51.79it/s]
Training Step:  59%|          | 59170/100000 [14:44<13:04, 52.04it/s]
Training Step:  59%|          | 59176/100000 [14:44<13:05, 51.94it/s]
Training Step:  59%|          | 59182/100000 [14:44<12:56, 52.56it/s]
Training Step:  59%|          | 59188/100000 [14:45<12:37, 53.85it/s]
Training Step:  59%|          | 59194/100000 [14:45<12:36, 53.91it/s]
Training Step:  59%|          | 59200/100000 [14:45<12:17, 55.30it/s]
Training Step:  59%|          | 59206/100000 [14:45<12:14, 55.53it/s]
Training Step:  59%|          | 59212/100000 [14:45<12:10, 55.85it/s]
Training Step:  59%|          | 59218/100000 [14:45<12:13, 55.60it/s]
Training Step:  59%|          | 59224/100000 [14:45<12:17, 55.28it/s]
Training Step:  59%|          | 59230/100000 [14:45<12:10, 55.83it/s]
```

```
Training Step:   59%|        | 59236/100000 [14:45<12:21, 54.98it/s]
Training Step:   59%|        | 59242/100000 [14:45<12:06, 56.08it/s]
Training Step:   59%|        | 59248/100000 [14:46<12:12, 55.61it/s]
Training Step:   59%|        | 59254/100000 [14:46<12:25, 54.68it/s]
Training Step:   59%|        | 59260/100000 [14:46<12:17, 55.24it/s]
Training Step:   59%|        | 59266/100000 [14:46<12:19, 55.10it/s]
Training Step:   59%|        | 59272/100000 [14:46<13:00, 52.20it/s]
Training Step:   59%|        | 59278/100000 [14:46<13:10, 51.49it/s]
Training Step:   59%|        | 59284/100000 [14:46<13:21, 50.78it/s]
Training Step:   59%|        | 59290/100000 [14:46<13:27, 50.41it/s]
Training Step:   59%|        | 59296/100000 [14:47<13:26, 50.47it/s]
Training Step:   59%|        | 59302/100000 [14:47<13:42, 49.49it/s]
Training Step:   59%|        | 59308/100000 [14:47<13:31, 50.14it/s]
Training Step:   59%|        | 59314/100000 [14:47<13:29, 50.27it/s]
Training Step:   59%|        | 59320/100000 [14:47<13:35, 49.91it/s]
Training Step:   59%|        | 59326/100000 [14:47<13:10, 51.48it/s]
Training Step:   59%|        | 59332/100000 [14:47<12:44, 53.20it/s]
Training Step:   59%|        | 59338/100000 [14:47<12:23, 54.65it/s]
Training Step:   59%|        | 59345/100000 [14:47<11:54, 56.89it/s]
Training Step:   59%|        | 59351/100000 [14:48<11:55, 56.80it/s]
Training Step:   59%|        | 59357/100000 [14:48<11:50, 57.22it/s]
Training Step:   59%|        | 59363/100000 [14:48<11:48, 57.36it/s]
Training Step:   59%|        | 59370/100000 [14:48<11:35, 58.46it/s]
Training Step:   59%|        | 59377/100000 [14:48<11:26, 59.13it/s]
Training Step:   59%|        | 59384/100000 [14:48<11:27, 59.04it/s]
Training Step:   59%|        | 59391/100000 [14:48<10:57, 61.75it/s]
Training Step:   59%|        | 59398/100000 [14:48<10:45, 62.89it/s]
Training Step:   59%|        | 59405/100000 [14:48<10:32, 64.19it/s]
Training Step:   59%|        | 59412/100000 [14:49<10:33, 64.08it/s]
Training Step:   59%|        | 59420/100000 [14:49<10:11, 66.41it/s]
Training Step:   59%|        | 59428/100000 [14:49<10:13, 66.14it/s]
Training Step:   59%|        | 59435/100000 [14:49<10:25,
64.88it/s][INFO] Episode ended! Scenario Index: 1009 Reason:
arrive_dest.

Training Step:   59%|        | 59442/100000 [14:49<12:16, 55.08it/s]
Training Step:   59%|        | 59450/100000 [14:49<11:25, 59.17it/s]
Training Step:   59%|        | 59458/100000 [14:49<10:41, 63.17it/s]
Training Step:   59%|        | 59466/100000 [14:49<10:26, 64.72it/s]
Training Step:   59%|        | 59473/100000 [14:50<10:30, 64.25it/s]
Training Step:   59%|        | 59480/100000 [14:50<10:24, 64.87it/s]
Training Step:   59%|        | 59487/100000 [14:50<10:12, 66.17it/s]
Training Step:   59%|        | 59494/100000 [14:50<10:12, 66.18it/s]
Training Step:   60%|        | 59501/100000 [14:50<10:14, 65.95it/s]
Training Step:   60%|        | 59508/100000 [14:50<10:30, 64.27it/s]
Training Step:   60%|        | 59515/100000 [14:50<10:36, 63.56it/s]
Training Step:   60%|        | 59522/100000 [14:50<10:52, 62.07it/s]
Training Step:   60%|        | 59529/100000 [14:50<10:57, 61.54it/s]
```

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Training Step:  60%|          | 59536/100000 [14:51<11:06, 60.67it/s]
Training Step:  60%|          | 59543/100000 [14:51<11:09, 60.42it/s]
Training Step:  60%|          | 59550/100000 [14:51<11:20, 59.47it/s]
Training Step:  60%|          | 59556/100000 [14:51<11:37, 57.95it/s]
Training Step:  60%|          | 59563/100000 [14:51<11:18, 59.62it/s]
Training Step:  60%|          | 59569/100000 [14:51<11:29, 58.60it/s]
Training Step:  60%|          | 59576/100000 [14:51<11:28, 58.67it/s]
Training Step:  60%|          | 59583/100000 [14:51<11:15, 59.81it/s]
Training Step:  60%|          | 59590/100000 [14:51<11:04, 60.77it/s]
Training Step:  60%|          | 59597/100000 [14:52<10:46, 62.45it/s]
Training Step:  60%|          | 59604/100000 [14:52<10:54, 61.71it/s]
Training Step:  60%|          | 59611/100000 [14:52<11:00, 61.13it/s]
Training Step:  60%|          | 59618/100000 [14:52<11:37, 57.86it/s]
Training Step:  60%|          | 59624/100000 [14:52<11:58, 56.20it/s]
Training Step:  60%|          | 59630/100000 [14:52<12:01, 55.93it/s]
Training Step:  60%|          | 59636/100000 [14:52<12:10, 55.26it/s]
Training Step:  60%|          | 59642/100000 [14:52<12:16, 54.79it/s]
Training Step:  60%|          | 59648/100000 [14:52<12:21, 54.43it/s]
Training Step:  60%|          | 59654/100000 [14:53<12:44, 52.80it/s]
Training Step:  60%|          | 59660/100000 [14:53<12:53, 52.13it/s]
Training Step:  60%|          | 59666/100000 [14:53<13:10, 51.01it/s]
Training Step:  60%|          | 59672/100000 [14:53<13:06, 51.26it/s]
Training Step:  60%|          | 59678/100000 [14:53<13:12, 50.88it/s]
Training Step:  60%|          | 59684/100000 [14:53<13:20, 50.37it/s]
Training Step:  60%|          | 59690/100000 [14:53<13:13, 50.83it/s]
Training Step:  60%|          | 59696/100000 [14:53<13:24, 50.07it/s]
Training Step:  60%|          | 59702/100000 [14:54<13:25, 50.02it/s]
Training Step:  60%|          | 59708/100000 [14:54<13:35, 49.44it/s]
Training Step:  60%|          | 59714/100000 [14:54<13:31, 49.67it/s]
Training Step:  60%|          | 59720/100000 [14:54<13:25, 49.98it/s]
Training Step:  60%|          | 59726/100000 [14:54<13:55, 48.18it/s]
Training Step:  60%|          | 59731/100000 [14:54<14:15, 47.08it/s]
Training Step:  60%|          | 59736/100000 [14:54<14:40, 45.75it/s]
Training Step:  60%|          | 59741/100000 [14:54<14:21, 46.74it/s]
Training Step:  60%|          | 59746/100000 [14:54<14:18, 46.86it/s]
Training Step:  60%|          | 59751/100000 [14:55<14:05, 47.60it/s]
Training Step:  60%|          | 59756/100000 [14:55<14:19, 46.82it/s]
Training Step:  60%|          | 59762/100000 [14:55<14:04, 47.64it/s]
Training Step:  60%|          | 59768/100000 [14:55<13:45, 48.73it/s]
Training Step:  60%|          | 59773/100000 [14:55<13:41, 48.98it/s]
Training Step:  60%|          | 59778/100000 [14:55<13:49, 48.50it/s]
Training Step:  60%|          | 59783/100000 [14:55<13:42, 48.92it/s]
Training Step:  60%|          | 59789/100000 [14:55<13:15, 50.58it/s]
Training Step:  60%|          | 59795/100000 [14:55<13:24, 49.99it/s]
Training Step:  60%|          | 59801/100000 [14:56<13:17, 50.39it/s]
Training Step:  60%|          | 59807/100000 [14:56<12:46, 52.44it/s]
Training Step:  60%|          | 59813/100000 [14:56<13:00, 51.47it/s]
Training Step:  60%|          | 59819/100000 [14:56<12:59, 51.55it/s]
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Training Step:   60%|          | 59825/100000 [14:56<12:48, 52.28it/s]
Training Step:   60%|          | 59831/100000 [14:56<12:48, 52.25it/s]
Training Step:   60%|          | 59837/100000 [14:56<12:40, 52.80it/s]
Training Step:   60%|          | 59843/100000 [14:56<13:25, 49.85it/s]
Training Step:   60%|          | 59849/100000 [14:57<13:00, 51.44it/s]
Training Step:   60%|          | 59855/100000 [14:57<12:33, 53.31it/s]
Training Step:   60%|          | 59861/100000 [14:57<12:15, 54.56it/s]
Training Step:   60%|          | 59867/100000 [14:57<12:07, 55.15it/s]
Training Step:   60%|          | 59874/100000 [14:57<11:54, 56.19it/s]
Training Step:   60%|          | 59880/100000 [14:57<11:49, 56.54it/s]
Training Step:   60%|          | 59887/100000 [14:57<11:09, 59.89it/s]
Training Step:   60%|          | 59894/100000 [14:57<11:04, 60.35it/s]
Training Step:   60%|          | 59901/100000 [14:57<10:44, 62.19it/s]
Training Step:   60%|          | 59908/100000 [14:57<10:48, 61.78it/s]
Training Step:   60%|          | 59915/100000 [14:58<10:36, 63.02it/s]
Training Step:   60%|          | 59922/100000 [14:58<10:25, 64.07it/s]
Training Step:   60%|          | 59929/100000 [14:58<10:16, 65.03it/s]
Training Step:   60%|          | 59936/100000 [14:58<10:14, 65.15it/s]
Training Step:   60%|          | 59943/100000 [14:58<10:20,
64.51it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:   60%|          | 59950/100000 [14:58<12:42, 52.55it/s]
Training Step:   60%|          | 59958/100000 [14:58<11:41, 57.07it/s]
Training Step:   60%|          | 59965/100000 [14:58<11:11, 59.58it/s]
Training Step:   60%|          | 59972/100000 [14:59<11:29, 58.05it/s]
Training Step:   60%|          | 59978/100000 [14:59<11:52, 56.16it/s]
Training Step:   60%|          | 59984/100000 [14:59<12:13, 54.53it/s]
Training Step:   60%|          | 59990/100000 [14:59<12:24, 53.76it/s]
Training Step:   60%|          | 59996/100000 [14:59<12:36, 52.89it/s]
Training Step:   60%|          | 60002/100000 [14:59<13:14, 50.37it/s]
Training Step:   60%|          | 60008/100000 [14:59<14:03, 47.42it/s]
Training Step:   60%|          | 60014/100000 [14:59<13:54, 47.94it/s]
Training Step:   60%|          | 60019/100000 [15:00<13:47, 48.34it/s]
Training Step:   60%|          | 60024/100000 [15:00<13:45, 48.40it/s]
Training Step:   60%|          | 60030/100000 [15:00<13:41, 48.64it/s]
Training Step:   60%|          | 60036/100000 [15:00<13:32, 49.19it/s]
Training Step:   60%|          | 60042/100000 [15:00<13:20, 49.91it/s]
Training Step:   60%|          | 60048/100000 [15:00<13:22, 49.81it/s]
Training Step:   60%|          | 60054/100000 [15:00<12:52, 51.70it/s]
Training Step:   60%|          | 60060/100000 [15:00<12:34, 52.95it/s]
Training Step:   60%|          | 60066/100000 [15:00<12:39, 52.58it/s]
Training Step:   60%|          | 60072/100000 [15:01<12:34, 52.92it/s]
Training Step:   60%|          | 60078/100000 [15:01<12:37, 52.70it/s]
Training Step:   60%|          | 60084/100000 [15:01<12:37, 52.68it/s]
Training Step:   60%|          | 60090/100000 [15:01<12:45, 52.15it/s]
Training Step:   60%|          | 60096/100000 [15:01<12:46, 52.08it/s]
Training Step:   60%|          | 60102/100000 [15:01<12:51, 51.70it/s]
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Training Step: 60%|          | 60108/100000 [15:01<12:53, 51.58it/s]
Training Step: 60%|          | 60114/100000 [15:01<13:04, 50.83it/s]
Training Step: 60%|          | 60120/100000 [15:01<13:23, 49.65it/s]
Training Step: 60%|          | 60126/100000 [15:02<13:12, 50.29it/s]
Training Step: 60%|          | 60132/100000 [15:02<13:22, 49.69it/s]
Training Step: 60%|          | 60137/100000 [15:02<14:29, 45.86it/s]
Training Step: 60%|          | 60142/100000 [15:02<14:18, 46.44it/s]
Training Step: 60%|          | 60148/100000 [15:02<14:07, 47.05it/s]
Training Step: 60%|          | 60154/100000 [15:02<13:47, 48.17it/s]
Training Step: 60%|          | 60160/100000 [15:02<13:35, 48.85it/s]
Training Step: 60%|          | 60165/100000 [15:02<13:34, 48.89it/s]
Training Step: 60%|          | 60170/100000 [15:03<13:40, 48.53it/s]
Training Step: 60%|          | 60176/100000 [15:03<13:37, 48.74it/s]
Training Step: 60%|          | 60182/100000 [15:03<13:24, 49.51it/s]
Training Step: 60%|          | 60187/100000 [15:03<13:39, 48.59it/s]
Training Step: 60%|          | 60192/100000 [15:03<13:37, 48.71it/s]
Training Step: 60%|          | 60198/100000 [15:03<13:34, 48.86it/s]
Training Step: 60%|          | 60203/100000 [15:03<13:31, 49.04it/s]
Training Step: 60%|          | 60209/100000 [15:03<13:04, 50.69it/s]
Training Step: 60%|          | 60215/100000 [15:03<13:58, 47.46it/s]
Training Step: 60%|          | 60220/100000 [15:04<13:50, 47.88it/s]
Training Step: 60%|          | 60226/100000 [15:04<13:50, 47.91it/s]
Training Step: 60%|          | 60232/100000 [15:04<13:42, 48.35it/s]
Training Step: 60%|          | 60238/100000 [15:04<13:09, 50.33it/s]
Training Step: 60%|          | 60244/100000 [15:04<13:31, 48.98it/s]
Training Step: 60%|          | 60250/100000 [15:04<13:26, 49.28it/s]
Training Step: 60%|          | 60256/100000 [15:04<13:28, 49.13it/s]
Training Step: 60%|          | 60261/100000 [15:04<13:31, 48.97it/s]
Training Step: 60%|          | 60266/100000 [15:04<13:39, 48.46it/s]
Training Step: 60%|          | 60271/100000 [15:05<13:32, 48.89it/s]
Training Step: 60%|          | 60276/100000 [15:05<13:45, 48.11it/s]
Training Step: 60%|          | 60281/100000 [15:05<13:54, 47.57it/s]
Training Step: 60%|          | 60286/100000 [15:05<13:59, 47.32it/s]
Training Step: 60%|          | 60291/100000 [15:05<13:57, 47.41it/s]
Training Step: 60%|          | 60296/100000 [15:05<13:54, 47.61it/s]
Training Step: 60%|          | 60301/100000 [15:05<13:42, 48.29it/s]
Training Step: 60%|          | 60306/100000 [15:05<13:43, 48.23it/s]
Training Step: 60%|          | 60312/100000 [15:05<13:41, 48.28it/s]
Training Step: 60%|          | 60317/100000 [15:06<13:38, 48.49it/s]
Training Step: 60%|          | 60322/100000 [15:06<13:46, 47.98it/s]
Training Step: 60%|          | 60327/100000 [15:06<13:55, 47.48it/s]
Training Step: 60%|          | 60332/100000 [15:06<14:39, 45.11it/s]
Training Step: 60%|          | 60337/100000 [15:06<14:32, 45.45it/s]
Training Step: 60%|          | 60342/100000 [15:06<14:30, 45.56it/s]
Training Step: 60%|          | 60347/100000 [15:06<14:23, 45.90it/s]
Training Step: 60%|          | 60352/100000 [15:06<14:28, 45.64it/s]
Training Step: 60%|          | 60358/100000 [15:06<14:09, 46.65it/s]
Training Step: 60%|          | 60363/100000 [15:07<14:04, 46.93it/s]
```

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Training Step:  60%|          | 60368/100000 [15:07<14:07, 46.74it/s]
Training Step:  60%|          | 60374/100000 [15:07<13:57, 47.30it/s]
Training Step:  60%|          | 60379/100000 [15:07<13:50, 47.70it/s]
Training Step:  60%|          | 60384/100000 [15:07<13:52, 47.59it/s]
Training Step:  60%|          | 60390/100000 [15:07<13:52, 47.57it/s]
Training Step:  60%|          | 60396/100000 [15:07<13:39, 48.35it/s]
Training Step:  60%|          | 60401/100000 [15:07<13:33, 48.67it/s]
Training Step:  60%|          | 60406/100000 [15:07<13:54, 47.45it/s]
Training Step:  60%|          | 60412/100000 [15:08<13:42, 48.12it/s]
Training Step:  60%|          | 60417/100000 [15:08<14:38, 45.07it/s]
Training Step:  60%|          | 60422/100000 [15:08<15:20, 43.01it/s]
Training Step:  60%|          | 60427/100000 [15:08<15:39, 42.14it/s]
Training Step:  60%|          | 60432/100000 [15:08<16:05, 40.99it/s]
Training Step:  60%|          | 60437/100000 [15:08<16:33, 39.81it/s]
Training Step:  60%|          | 60441/100000 [15:08<16:40, 39.56it/s]
Training Step:  60%|          | 60445/100000 [15:08<16:43, 39.40it/s]
Training Step:  60%|          | 60449/100000 [15:09<16:58, 38.81it/s]
Training Step:  60%|          | 60453/100000 [15:09<17:23, 37.90it/s]
Training Step:  60%|          | 60457/100000 [15:09<17:30, 37.66it/s]
Training Step:  60%|          | 60461/100000 [15:09<17:17, 38.09it/s]
Training Step:  60%|          | 60465/100000 [15:09<17:13, 38.27it/s]
Training Step:  60%|          | 60469/100000 [15:09<17:21, 37.96it/s]
Training Step:  60%|          | 60473/100000 [15:09<17:17, 38.11it/s]
Training Step:  60%|          | 60477/100000 [15:09<17:11, 38.32it/s]
Training Step:  60%|          | 60482/100000 [15:09<16:42, 39.42it/s]
Training Step:  60%|          | 60487/100000 [15:10<16:21, 40.24it/s]
Training Step:  60%|          | 60492/100000 [15:10<16:08, 40.80it/s]
Training Step:  60%|          | 60497/100000 [15:10<15:29, 42.49it/s]
Training Step:  61%|          | 60502/100000 [15:10<15:36, 42.16it/s]
Training Step:  61%|          | 60507/100000 [15:10<15:20, 42.89it/s]
Training Step:  61%|          | 60512/100000 [15:10<15:48, 41.65it/s]
Training Step:  61%|          | 60517/100000 [15:10<15:26, 42.62it/s]
Training Step:  61%|          | 60522/100000 [15:10<16:41, 39.40it/s]
Training Step:  61%|          | 60527/100000 [15:10<16:11, 40.65it/s]
Training Step:  61%|          | 60532/100000 [15:11<15:49, 41.56it/s]
Training Step:  61%|          | 60537/100000 [15:11<15:07, 43.50it/s]
Training Step:  61%|          | 60542/100000 [15:11<15:07, 43.49it/s]
Training Step:  61%|          | 60547/100000 [15:11<14:34, 45.14it/s]
Training Step:  61%|          | 60552/100000 [15:11<14:34, 45.11it/s]
Training Step:  61%|          | 60557/100000 [15:11<14:20, 45.84it/s]
Training Step:  61%|          | 60562/100000 [15:11<14:08, 46.49it/s]
Training Step:  61%|          | 60568/100000 [15:11<13:48, 47.58it/s]
Training Step:  61%|          | 60573/100000 [15:11<13:46, 47.72it/s]
Training Step:  61%|          | 60579/100000 [15:12<13:16, 49.51it/s]
Training Step:  61%|          | 60585/100000 [15:12<12:54, 50.88it/s]
Training Step:  61%|          | 60591/100000 [15:12<12:40, 51.84it/s]
Training Step:  61%|          | 60597/100000 [15:12<13:07, 50.06it/s]
Training Step:  61%|          | 60603/100000 [15:12<12:55, 50.82it/s]
```

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Training Step:  61%|        | 60609/100000 [15:12<12:50, 51.09it/s]
Training Step:  61%|        | 60615/100000 [15:12<12:34, 52.23it/s]
Training Step:  61%|        | 60621/100000 [15:12<12:12, 53.77it/s]
Training Step:  61%|        | 60627/100000 [15:12<11:59, 54.74it/s]
Training Step:  61%|        | 60633/100000 [15:13<11:47, 55.68it/s]
Training Step:  61%|        | 60639/100000 [15:13<11:49, 55.45it/s]
Training Step:  61%|        | 60645/100000 [15:13<11:41, 56.11it/s]
Training Step:  61%|        | 60651/100000 [15:13<11:43, 55.94it/s]
Training Step:  61%|        | 60658/100000 [15:13<11:31, 56.87it/s]
Training Step:  61%|        | 60665/100000 [15:13<10:55, 60.03it/s]
Training Step:  61%|        | 60672/100000 [15:13<11:22, 57.63it/s]
Training Step:  61%|        | 60679/100000 [15:13<10:44, 60.98it/s]
Training Step:  61%|        | 60686/100000 [15:13<10:29, 62.45it/s]
Training Step:  61%|        | 60694/100000 [15:14<10:07, 64.66it/s]
Training Step:  61%|        | 60702/100000 [15:14<09:50, 66.52it/s]
Training Step:  61%|        | 60710/100000 [15:14<09:23, 69.68it/s]
Training Step:  61%|        | 60718/100000 [15:14<09:04, 72.20it/s]
Training Step:  61%|        | 60726/100000 [15:14<08:58, 72.97it/s]
Training Step:  61%|        | 60734/100000 [15:14<08:51, 73.92it/s]
Training Step:  61%|        | 60742/100000 [15:14<08:55, 73.35it/s]
Training Step:  61%|        | 60750/100000 [15:14<09:00, 72.56it/s]
Training Step:  61%|        | 60758/100000 [15:14<09:00,
72.61it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
arrive_dest.

Training Step:  61%|        | 60766/100000 [15:15<11:13, 58.29it/s]
Training Step:  61%|        | 60774/100000 [15:15<10:38, 61.42it/s]
Training Step:  61%|        | 60781/100000 [15:15<10:21, 63.12it/s]
Training Step:  61%|        | 60788/100000 [15:15<11:06, 58.85it/s]
Training Step:  61%|        | 60795/100000 [15:15<12:32, 52.11it/s]
Training Step:  61%|        | 60801/100000 [15:15<12:42, 51.43it/s]
Training Step:  61%|        | 60807/100000 [15:15<13:06, 49.86it/s]
Training Step:  61%|        | 60813/100000 [15:16<13:17, 49.11it/s]
Training Step:  61%|        | 60819/100000 [15:16<13:26, 48.57it/s]
Training Step:  61%|        | 60824/100000 [15:16<13:33, 48.16it/s]
Training Step:  61%|        | 60829/100000 [15:16<13:37, 47.92it/s]
Training Step:  61%|        | 60834/100000 [15:16<14:19, 45.56it/s]
Training Step:  61%|        | 60839/100000 [15:16<14:20, 45.53it/s]
Training Step:  61%|        | 60844/100000 [15:16<14:19, 45.57it/s]
Training Step:  61%|        | 60849/100000 [15:16<14:17, 45.65it/s]
Training Step:  61%|        | 60854/100000 [15:16<14:36, 44.64it/s]
Training Step:  61%|        | 60859/100000 [15:17<14:25, 45.24it/s]
Training Step:  61%|        | 60864/100000 [15:17<14:28, 45.07it/s]
Training Step:  61%|        | 60869/100000 [15:17<14:09, 46.05it/s]
Training Step:  61%|        | 60874/100000 [15:17<14:29, 45.01it/s]
Training Step:  61%|        | 60879/100000 [15:17<14:12, 45.88it/s]
Training Step:  61%|        | 60884/100000 [15:17<14:38, 44.54it/s]
Training Step:  61%|        | 60889/100000 [15:17<14:23, 45.29it/s]
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Training Step:  61%|              | 60894/100000 [15:17<14:26, 45.14it/s]
Training Step:  61%|              | 60899/100000 [15:17<14:19, 45.48it/s]
Training Step:  61%|              | 60904/100000 [15:18<14:22, 45.35it/s]
Training Step:  61%|              | 60910/100000 [15:18<14:00, 46.49it/s]
Training Step:  61%|              | 60916/100000 [15:18<13:41, 47.58it/s]
Training Step:  61%|              | 60921/100000 [15:18<13:49, 47.09it/s]
Training Step:  61%|              | 60926/100000 [15:18<13:49, 47.11it/s]
Training Step:  61%|              | 60932/100000 [15:18<13:24, 48.53it/s]
Training Step:  61%|              | 60937/100000 [15:18<13:20, 48.78it/s]
Training Step:  61%|              | 60943/100000 [15:18<13:09, 49.48it/s]
Training Step:  61%|              | 60948/100000 [15:18<13:20, 48.81it/s]
Training Step:  61%|              | 60954/100000 [15:19<13:05, 49.72it/s]
Training Step:  61%|              | 60960/100000 [15:19<12:59, 50.07it/s]
Training Step:  61%|              | 60966/100000 [15:19<13:10, 49.37it/s]
Training Step:  61%|              | 60972/100000 [15:19<13:01, 49.94it/s]
Training Step:  61%|              | 60977/100000 [15:19<13:03, 49.83it/s]
Training Step:  61%|              | 60982/100000 [15:19<13:04, 49.74it/s]
Training Step:  61%|              | 60988/100000 [15:19<13:06, 49.59it/s]
Training Step:  61%|              | 60993/100000 [15:19<13:12, 49.19it/s]
Training Step:  61%|              | 60998/100000 [15:19<13:12, 49.20it/s]
Training Step:  61%|              | 61003/100000 [15:20<13:13, 49.15it/s]
Training Step:  61%|              | 61009/100000 [15:20<13:00, 49.97it/s]
Training Step:  61%|              | 61014/100000 [15:20<13:02, 49.84it/s]
Training Step:  61%|              | 61020/100000 [15:20<13:01, 49.91it/s]
Training Step:  61%|              | 61025/100000 [15:20<13:05, 49.62it/s]
Training Step:  61%|              | 61030/100000 [15:20<14:28, 44.88it/s]
Training Step:  61%|              | 61035/100000 [15:20<14:22, 45.17it/s]
Training Step:  61%|              | 61040/100000 [15:20<14:30, 44.73it/s]
Training Step:  61%|              | 61045/100000 [15:20<14:05, 46.10it/s]
Training Step:  61%|              | 61050/100000 [15:21<14:15, 45.54it/s]
Training Step:  61%|              | 61055/100000 [15:21<13:56, 46.54it/s]
Training Step:  61%|              | 61060/100000 [15:21<14:02, 46.20it/s]
Training Step:  61%|              | 61066/100000 [15:21<13:49, 46.93it/s]
Training Step:  61%|              | 61072/100000 [15:21<13:26, 48.26it/s]
Training Step:  61%|              | 61078/100000 [15:21<13:04, 49.58it/s]
Training Step:  61%|              | 61084/100000 [15:21<12:50, 50.49it/s]
Training Step:  61%|              | 61090/100000 [15:21<12:41, 51.13it/s]
Training Step:  61%|              | 61096/100000 [15:21<12:26, 52.12it/s]
Training Step:  61%|              | 61102/100000 [15:22<12:22, 52.41it/s]
Training Step:  61%|              | 61108/100000 [15:22<12:20, 52.53it/s]
Training Step:  61%|              | 61114/100000 [15:22<11:58, 54.14it/s]
Training Step:  61%|              | 61120/100000 [15:22<11:44, 55.19it/s]
Training Step:  61%|              | 61126/100000 [15:22<11:34, 56.00it/s]
Training Step:  61%|              | 61132/100000 [15:22<11:31, 56.24it/s]
Training Step:  61%|              | 61138/100000 [15:22<11:27, 56.51it/s]
Training Step:  61%|              | 61144/100000 [15:22<11:24, 56.73it/s]
Training Step:  61%|              | 61150/100000 [15:22<11:29, 56.37it/s]
Training Step:  61%|              | 61156/100000 [15:23<11:29, 56.36it/s]
```

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Training Step:   61%|         | 61162/100000 [15:23<11:20, 57.04it/s]
Training Step:   61%|         | 61169/100000 [15:23<11:02, 58.59it/s]
Training Step:   61%|         | 61176/100000 [15:23<10:48, 59.84it/s]
Training Step:   61%|         | 61182/100000 [15:23<10:53, 59.45it/s]
Training Step:   61%|         | 61189/100000 [15:23<10:47, 59.91it/s]
Training Step:   61%|         | 61196/100000 [15:23<10:51, 59.56it/s]
Training Step:   61%|         | 61203/100000 [15:23<10:38, 60.77it/s]
Training Step:   61%|         | 61210/100000 [15:23<10:36, 60.96it/s]
Training Step:   61%|         | 61217/100000 [15:24<10:11,
63.43it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
arrive_dest.

Training Step:   61%|         | 61224/100000 [15:24<11:52, 54.43it/s]
Training Step:   61%|         | 61231/100000 [15:24<11:10, 57.78it/s]
Training Step:   61%|         | 61238/100000 [15:24<10:52, 59.44it/s]
Training Step:   61%|         | 61245/100000 [15:24<10:32, 61.25it/s]
Training Step:   61%|         | 61252/100000 [15:24<10:37, 60.77it/s]
Training Step:   61%|         | 61259/100000 [15:24<10:28, 61.61it/s]
Training Step:   61%|         | 61266/100000 [15:24<10:32, 61.22it/s]
Training Step:   61%|         | 61273/100000 [15:24<10:32, 61.28it/s]
Training Step:   61%|         | 61280/100000 [15:25<10:53, 59.29it/s]
Training Step:   61%|         | 61286/100000 [15:25<11:09, 57.78it/s]
Training Step:   61%|         | 61292/100000 [15:25<11:15, 57.30it/s]
Training Step:   61%|         | 61298/100000 [15:25<11:08, 57.88it/s]
Training Step:   61%|         | 61304/100000 [15:25<11:04, 58.20it/s]
Training Step:   61%|         | 61310/100000 [15:25<11:13, 57.40it/s]
Training Step:   61%|         | 61316/100000 [15:25<11:20, 56.85it/s]
Training Step:   61%|         | 61322/100000 [15:25<11:15, 57.26it/s]
Training Step:   61%|         | 61328/100000 [15:25<11:33, 55.80it/s]
Training Step:   61%|         | 61334/100000 [15:26<11:31, 55.88it/s]
Training Step:   61%|         | 61340/100000 [15:26<11:35, 55.55it/s]
Training Step:   61%|         | 61346/100000 [15:26<11:34, 55.63it/s]
Training Step:   61%|         | 61352/100000 [15:26<11:40, 55.15it/s]
Training Step:   61%|         | 61358/100000 [15:26<11:47, 54.64it/s]
Training Step:   61%|         | 61364/100000 [15:26<11:32, 55.83it/s]
Training Step:   61%|         | 61370/100000 [15:26<11:20, 56.73it/s]
Training Step:   61%|         | 61376/100000 [15:26<11:21, 56.69it/s]
Training Step:   61%|         | 61382/100000 [15:26<11:11, 57.48it/s]
Training Step:   61%|         | 61389/100000 [15:27<10:46, 59.74it/s]
Training Step:   61%|         | 61396/100000 [15:27<10:44, 59.93it/s]
Training Step:   61%|         | 61402/100000 [15:27<10:45, 59.78it/s]
Training Step:   61%|         | 61408/100000 [15:27<10:52, 59.16it/s]
Training Step:   61%|         | 61414/100000 [15:27<10:51, 59.23it/s]
Training Step:   61%|         | 61420/100000 [15:27<11:31, 55.81it/s]
Training Step:   61%|         | 61426/100000 [15:27<12:10, 52.81it/s]
Training Step:   61%|         | 61432/100000 [15:27<12:51, 50.02it/s]
Training Step:   61%|         | 61438/100000 [15:27<13:09, 48.86it/s]
Training Step:   61%|         | 61443/100000 [15:28<13:14, 48.55it/s]
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Training Step:  61%|        | 61448/100000 [15:28<13:43, 46.81it/s]
Training Step:  61%|        | 61453/100000 [15:28<14:31, 44.24it/s]
Training Step:  61%|        | 61458/100000 [15:28<14:42, 43.69it/s]
Training Step:  61%|        | 61463/100000 [15:28<14:47, 43.41it/s]
Training Step:  61%|        | 61468/100000 [15:28<15:14, 42.14it/s]
Training Step:  61%|        | 61473/100000 [15:28<15:29, 41.45it/s]
Training Step:  61%|        | 61478/100000 [15:28<15:26, 41.56it/s]
Training Step:  61%|        | 61483/100000 [15:29<15:30, 41.39it/s]
Training Step:  61%|        | 61488/100000 [15:29<15:10, 42.31it/s]
Training Step:  61%|        | 61493/100000 [15:29<15:02, 42.65it/s]
Training Step:  61%|        | 61498/100000 [15:29<14:55, 43.01it/s]
Training Step:  62%|        | 61503/100000 [15:29<14:40, 43.72it/s]
Training Step:  62%|        | 61508/100000 [15:29<14:21, 44.70it/s]
Training Step:  62%|        | 61514/100000 [15:29<13:49, 46.37it/s]
Training Step:  62%|        | 61519/100000 [15:29<13:34, 47.23it/s]
Training Step:  62%|        | 61524/100000 [15:29<13:31, 47.40it/s]
Training Step:  62%|        | 61529/100000 [15:30<14:20, 44.72it/s]
Training Step:  62%|        | 61535/100000 [15:30<13:32, 47.34it/s]
Training Step:  62%|        | 61540/100000 [15:30<13:31, 47.42it/s]
Training Step:  62%|        | 61546/100000 [15:30<12:58, 49.39it/s]
Training Step:  62%|        | 61552/100000 [15:30<12:26, 51.52it/s]
Training Step:  62%|        | 61558/100000 [15:30<12:23, 51.72it/s]
Training Step:  62%|        | 61564/100000 [15:30<12:11, 52.56it/s]
Training Step:  62%|        | 61570/100000 [15:30<12:02, 53.16it/s]
Training Step:  62%|        | 61576/100000 [15:30<11:55, 53.72it/s]
Training Step:  62%|        | 61582/100000 [15:31<11:51, 53.97it/s]
Training Step:  62%|        | 61588/100000 [15:31<11:45, 54.42it/s]
Training Step:  62%|        | 61594/100000 [15:31<11:35, 55.21it/s]
Training Step:  62%|        | 61600/100000 [15:31<11:39, 54.86it/s]
Training Step:  62%|        | 61606/100000 [15:31<11:29, 55.72it/s]
Training Step:  62%|        | 61612/100000 [15:31<11:18, 56.55it/s]
Training Step:  62%|        | 61619/100000 [15:31<10:58, 58.24it/s]
Training Step:  62%|        | 61626/100000 [15:31<10:42, 59.72it/s]
Training Step:  62%|        | 61632/100000 [15:31<10:54, 58.64it/s]
Training Step:  62%|        | 61639/100000 [15:32<10:23, 61.51it/s]
Training Step:  62%|        | 61646/100000 [15:32<10:20, 61.82it/s]
Training Step:  62%|        | 61653/100000 [15:32<10:02, 63.68it/s]
Training Step:  62%|        | 61660/100000 [15:32<09:50, 64.93it/s]
Training Step:  62%|        | 61668/100000 [15:32<09:26, 67.71it/s]
Training Step:  62%|        | 61676/100000 [15:32<09:11, 69.44it/s]
Training Step:  62%|        | 61684/100000 [15:32<09:05, 70.22it/s]
Training Step:  62%|        | 61692/100000 [15:32<08:53, 71.85it/s]
Training Step:  62%|        | 61700/100000 [15:32<08:46,
72.78it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:  62%|        | 61708/100000 [15:33<09:59, 63.90it/s]
Training Step:  62%|        | 61716/100000 [15:33<09:34, 66.68it/s]
```

```
Training Step:  62%|        | 61723/100000 [15:33<09:30, 67.15it/s]
Training Step:  62%|        | 61730/100000 [15:33<09:31, 66.98it/s]
Training Step:  62%|        | 61737/100000 [15:33<09:31, 66.97it/s]
Training Step:  62%|        | 61744/100000 [15:33<09:37, 66.22it/s]
Training Step:  62%|        | 61752/100000 [15:33<09:26, 67.47it/s]
Training Step:  62%|        | 61759/100000 [15:33<09:27, 67.42it/s]
Training Step:  62%|        | 61766/100000 [15:33<09:39, 66.02it/s]
Training Step:  62%|        | 61773/100000 [15:33<09:42, 65.67it/s]
Training Step:  62%|        | 61780/100000 [15:34<09:45, 65.31it/s]
Training Step:  62%|        | 61787/100000 [15:34<09:51, 64.56it/s]
Training Step:  62%|        | 61794/100000 [15:34<09:46, 65.17it/s]
Training Step:  62%|        | 61801/100000 [15:34<09:37, 66.17it/s]
Training Step:  62%|        | 61808/100000 [15:34<09:53, 64.31it/s]
Training Step:  62%|        | 61815/100000 [15:34<09:53, 64.28it/s]
Training Step:  62%|        | 61822/100000 [15:34<09:54, 64.27it/s]
Training Step:  62%|        | 61830/100000 [15:34<09:40, 65.74it/s]
Training Step:  62%|        | 61838/100000 [15:34<09:30, 66.91it/s]
Training Step:  62%|        | 61845/100000 [15:35<09:43, 65.42it/s]
Training Step:  62%|        | 61852/100000 [15:35<09:52, 64.37it/s]
Training Step:  62%|        | 61859/100000 [15:35<09:50, 64.62it/s]
Training Step:  62%|        | 61866/100000 [15:35<10:08, 62.62it/s]
Training Step:  62%|        | 61873/100000 [15:35<10:13, 62.14it/s]
Training Step:  62%|        | 61880/100000 [15:35<10:27, 60.72it/s]
Training Step:  62%|        | 61887/100000 [15:35<10:14,
62.05it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  62%|        | 61894/100000 [15:35<12:06, 52.44it/s]
Training Step:  62%|        | 61902/100000 [15:36<11:09, 56.91it/s]
Training Step:  62%|        | 61910/100000 [15:36<10:24, 61.02it/s]
Training Step:  62%|        | 61918/100000 [15:36<10:01, 63.30it/s]
Training Step:  62%|        | 61925/100000 [15:36<09:51, 64.38it/s]
Training Step:  62%|        | 61932/100000 [15:36<09:45, 65.02it/s]
Training Step:  62%|        | 61939/100000 [15:36<09:38, 65.85it/s]
Training Step:  62%|        | 61946/100000 [15:36<09:46, 64.83it/s]
Training Step:  62%|        | 61953/100000 [15:36<09:37, 65.91it/s]
Training Step:  62%|        | 61960/100000 [15:36<09:43, 65.22it/s]
Training Step:  62%|        | 61967/100000 [15:37<09:40, 65.50it/s]
Training Step:  62%|        | 61974/100000 [15:37<09:42, 65.29it/s]
Training Step:  62%|        | 61981/100000 [15:37<09:38, 65.70it/s]
Training Step:  62%|        | 61988/100000 [15:37<10:20, 61.25it/s]
Training Step:  62%|        | 61995/100000 [15:37<10:34, 59.88it/s]
Training Step:  62%|        | 62002/100000 [15:37<11:30, 55.06it/s]
Training Step:  62%|        | 62008/100000 [15:37<11:28, 55.20it/s]
Training Step:  62%|        | 62014/100000 [15:37<11:35, 54.60it/s]
Training Step:  62%|        | 62020/100000 [15:37<11:33, 54.73it/s]
Training Step:  62%|        | 62026/100000 [15:38<11:32, 54.82it/s]
Training Step:  62%|        | 62032/100000 [15:38<11:28, 55.18it/s]
```

```
Training Step:  62%|        | 62038/100000 [15:38<11:35, 54.55it/s]
Training Step:  62%|        | 62044/100000 [15:38<11:43, 53.92it/s]
Training Step:  62%|        | 62050/100000 [15:38<11:43, 53.96it/s]
Training Step:  62%|        | 62056/100000 [15:38<11:48, 53.56it/s]
Training Step:  62%|        | 62062/100000 [15:38<11:57, 52.86it/s]
Training Step:  62%|        | 62068/100000 [15:38<11:54, 53.07it/s]
Training Step:  62%|        | 62074/100000 [15:39<12:09, 51.98it/s]
Training Step:  62%|        | 62080/100000 [15:39<12:06, 52.17it/s]
Training Step:  62%|        | 62086/100000 [15:39<12:08, 52.06it/s]
Training Step:  62%|        | 62092/100000 [15:39<11:44, 53.78it/s]
Training Step:  62%|        | 62098/100000 [15:39<11:54, 53.04it/s]
Training Step:  62%|        | 62104/100000 [15:39<12:32, 50.38it/s]
Training Step:  62%|        | 62110/100000 [15:39<12:26, 50.78it/s]
Training Step:  62%|        | 62116/100000 [15:39<11:59, 52.67it/s]
Training Step:  62%|        | 62122/100000 [15:39<11:55, 52.94it/s]
Training Step:  62%|        | 62128/100000 [15:40<11:50, 53.33it/s]
Training Step:  62%|        | 62134/100000 [15:40<11:28, 55.01it/s]
Training Step:  62%|        | 62141/100000 [15:40<11:06, 56.83it/s]
Training Step:  62%|        | 62147/100000 [15:40<11:02, 57.10it/s]
Training Step:  62%|        | 62154/100000 [15:40<10:51, 58.13it/s]
Training Step:  62%|        | 62160/100000 [15:40<11:11, 56.39it/s]
Training Step:  62%|        | 62166/100000 [15:40<11:19, 55.69it/s]
Training Step:  62%|        | 62172/100000 [15:40<11:17, 55.80it/s]
Training Step:  62%|        | 62178/100000 [15:40<11:18, 55.73it/s]
Training Step:  62%|        | 62184/100000 [15:41<11:27, 55.00it/s]
Training Step:  62%|        | 62190/100000 [15:41<11:40, 53.98it/s]
Training Step:  62%|        | 62196/100000 [15:41<11:49, 53.27it/s]
Training Step:  62%|        | 62202/100000 [15:41<11:33, 54.52it/s]
Training Step:  62%|        | 62208/100000 [15:41<11:36, 54.24it/s]
Training Step:  62%|        | 62214/100000 [15:41<11:25, 55.09it/s]
Training Step:  62%|        | 62221/100000 [15:41<11:00, 57.21it/s]
Training Step:  62%|        | 62227/100000 [15:41<10:54, 57.75it/s]
Training Step:  62%|        | 62234/100000 [15:41<10:45, 58.47it/s]
Training Step:  62%|        | 62241/100000 [15:42<10:23, 60.53it/s]
Training Step:  62%|        | 62248/100000 [15:42<10:33, 59.59it/s]
Training Step:  62%|        | 62256/100000 [15:42<10:05, 62.33it/s]
Training Step:  62%|        | 62263/100000 [15:42<09:53, 63.53it/s]
Training Step:  62%|        | 62270/100000 [15:42<09:55, 63.32it/s]
Training Step:  62%|        | 62278/100000 [15:42<09:26, 66.58it/s]
Training Step:  62%|        | 62286/100000 [15:42<08:59,
69.95it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:  62%|        | 62295/100000 [15:42<10:03, 62.49it/s]
Training Step:  62%|        | 62303/100000 [15:42<09:33, 65.74it/s]
Training Step:  62%|        | 62311/100000 [15:43<09:16, 67.69it/s]
Training Step:  62%|        | 62318/100000 [15:43<09:12, 68.24it/s]
Training Step:  62%|        | 62325/100000 [15:43<09:37, 65.25it/s]
```

```
Training Step:  62%|        | 62332/100000 [15:43<10:01, 62.57it/s]
Training Step:  62%|        | 62339/100000 [15:43<10:23, 60.36it/s]
Training Step:  62%|        | 62346/100000 [15:43<10:39, 58.87it/s]
Training Step:  62%|        | 62352/100000 [15:43<10:36, 59.16it/s]
Training Step:  62%|        | 62358/100000 [15:43<10:45, 58.28it/s]
Training Step:  62%|        | 62364/100000 [15:43<10:54, 57.49it/s]
Training Step:  62%|        | 62370/100000 [15:44<11:02, 56.77it/s]
Training Step:  62%|        | 62376/100000 [15:44<11:01, 56.88it/s]
Training Step:  62%|        | 62383/100000 [15:44<10:41, 58.60it/s]
Training Step:  62%|        | 62389/100000 [15:44<11:03, 56.70it/s]
Training Step:  62%|        | 62395/100000 [15:44<11:08, 56.25it/s]
Training Step:  62%|        | 62401/100000 [15:44<11:13, 55.81it/s]
Training Step:  62%|        | 62407/100000 [15:44<11:12, 55.94it/s]
Training Step:  62%|        | 62413/100000 [15:44<11:16, 55.59it/s]
Training Step:  62%|        | 62419/100000 [15:44<11:16, 55.58it/s]
Training Step:  62%|        | 62425/100000 [15:45<11:59, 52.25it/s]
Training Step:  62%|        | 62431/100000 [15:45<12:01, 52.09it/s]
Training Step:  62%|        | 62437/100000 [15:45<12:00, 52.11it/s]
Training Step:  62%|        | 62443/100000 [15:45<12:04, 51.86it/s]
Training Step:  62%|        | 62449/100000 [15:45<12:02, 51.95it/s]
Training Step:  62%|        | 62455/100000 [15:45<12:03, 51.89it/s]
Training Step:  62%|        | 62461/100000 [15:45<11:49, 52.93it/s]
Training Step:  62%|        | 62467/100000 [15:45<11:40, 53.55it/s]
Training Step:  62%|        | 62473/100000 [15:45<11:20, 55.18it/s]
Training Step:  62%|        | 62479/100000 [15:46<11:09, 56.07it/s]
Training Step:  62%|        | 62485/100000 [15:46<11:03, 56.55it/s]
Training Step:  62%|        | 62491/100000 [15:46<11:12, 55.77it/s]
Training Step:  62%|        | 62497/100000 [15:46<11:05, 56.32it/s]
Training Step:  63%|        | 62503/100000 [15:46<11:14, 55.59it/s]
Training Step:  63%|        | 62509/100000 [15:46<11:18, 55.25it/s]
Training Step:  63%|        | 62515/100000 [15:46<11:21, 55.01it/s]
Training Step:  63%|        | 62521/100000 [15:46<11:26, 54.57it/s]
Training Step:  63%|        | 62528/100000 [15:46<11:02, 56.52it/s]
Training Step:  63%|        | 62534/100000 [15:47<11:06, 56.24it/s]
Training Step:  63%|        | 62541/100000 [15:47<10:40, 58.45it/s]
Training Step:  63%|        | 62548/100000 [15:47<10:35, 58.96it/s]
Training Step:  63%|        | 62554/100000 [15:47<10:33, 59.10it/s]
Training Step:  63%|        | 62560/100000 [15:47<10:32, 59.19it/s]
Training Step:  63%|        | 62566/100000 [15:47<10:33, 59.08it/s]
Training Step:  63%|        | 62573/100000 [15:47<10:23, 59.99it/s]
Training Step:  63%|        | 62580/100000 [15:47<10:20, 60.26it/s]
Training Step:  63%|        | 62587/100000 [15:47<10:12, 61.11it/s]
Training Step:  63%|        | 62594/100000 [15:48<10:04, 61.87it/s]
Training Step:  63%|        | 62601/100000 [15:48<09:57, 62.57it/s]
Training Step:  63%|        | 62608/100000 [15:48<09:59, 62.38it/s]
Training Step:  63%|        | 62615/100000 [15:48<09:58, 62.42it/s]
Training Step:  63%|        | 62622/100000 [15:48<10:08, 61.45it/s]
Training Step:  63%|        | 62629/100000 [15:48<10:06, 61.60it/s]
```

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Training Step:   63%|        | 62636/100000 [15:48<10:27, 59.53it/s]
Training Step:   63%|        | 62642/100000 [15:48<10:40, 58.32it/s]
Training Step:   63%|        | 62648/100000 [15:48<10:52, 57.27it/s]
Training Step:   63%|        | 62654/100000 [15:49<10:55, 56.94it/s]
Training Step:   63%|        | 62660/100000 [15:49<11:14, 55.35it/s]
Training Step:   63%|        | 62666/100000 [15:49<11:21, 54.80it/s]
Training Step:   63%|        | 62672/100000 [15:49<11:33, 53.82it/s]
Training Step:   63%|        | 62678/100000 [15:49<12:07, 51.32it/s]
Training Step:   63%|        | 62684/100000 [15:49<12:22, 50.28it/s]
Training Step:   63%|        | 62690/100000 [15:49<12:29, 49.80it/s]
Training Step:   63%|        | 62696/100000 [15:49<12:23, 50.16it/s]
Training Step:   63%|        | 62702/100000 [15:50<12:22, 50.24it/s]
Training Step:   63%|        | 62708/100000 [15:50<11:50, 52.48it/s]
Training Step:   63%|        | 62714/100000 [15:50<11:48, 52.66it/s]
Training Step:   63%|        | 62720/100000 [15:50<11:29, 54.08it/s]
Training Step:   63%|        | 62726/100000 [15:50<11:34, 53.67it/s]
Training Step:   63%|        | 62732/100000 [15:50<11:37, 53.46it/s]
Training Step:   63%|        | 62738/100000 [15:50<11:27, 54.22it/s]
Training Step:   63%|        | 62744/100000 [15:50<11:16, 55.10it/s]
Training Step:   63%|        | 62750/100000 [15:50<11:05, 56.01it/s]
Training Step:   63%|        | 62756/100000 [15:50<10:57, 56.60it/s]
Training Step:   63%|        | 62762/100000 [15:51<10:55, 56.81it/s]
Training Step:   63%|        | 62769/100000 [15:51<10:33, 58.74it/s]
Training Step:   63%|        | 62775/100000 [15:51<10:31, 58.93it/s]
Training Step:   63%|        | 62782/100000 [15:51<10:23, 59.69it/s]
Training Step:   63%|        | 62789/100000 [15:51<10:06, 61.39it/s]
Training Step:   63%|        | 62796/100000 [15:51<10:04, 61.56it/s]
Training Step:   63%|        | 62803/100000 [15:51<09:51, 62.88it/s]
Training Step:   63%|        | 62810/100000 [15:51<09:50, 62.93it/s]
Training Step:   63%|        | 62817/100000 [15:51<09:35, 64.65it/s]
Training Step:   63%|        | 62824/100000 [15:52<09:45,
63.46it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:   63%|        | 62831/100000 [15:52<11:31, 53.76it/s]
Training Step:   63%|        | 62838/100000 [15:52<10:49, 57.24it/s]
Training Step:   63%|        | 62846/100000 [15:52<10:11, 60.79it/s]
Training Step:   63%|        | 62853/100000 [15:52<10:00, 61.91it/s]
Training Step:   63%|        | 62860/100000 [15:52<10:04, 61.44it/s]
Training Step:   63%|        | 62867/100000 [15:52<10:04, 61.43it/s]
Training Step:   63%|        | 62874/100000 [15:52<10:26, 59.26it/s]
Training Step:   63%|        | 62880/100000 [15:53<10:25, 59.32it/s]
Training Step:   63%|        | 62886/100000 [15:53<10:32, 58.66it/s]
Training Step:   63%|        | 62892/100000 [15:53<10:46, 57.40it/s]
Training Step:   63%|        | 62898/100000 [15:53<10:50, 57.06it/s]
Training Step:   63%|        | 62904/100000 [15:53<10:59, 56.25it/s]
Training Step:   63%|        | 62910/100000 [15:53<10:49, 57.14it/s]
Training Step:   63%|        | 62916/100000 [15:53<10:47, 57.30it/s]
```

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Training Step:   63%|        | 62922/100000 [15:53<10:47, 57.26it/s]
Training Step:   63%|        | 62928/100000 [15:53<10:43, 57.61it/s]
Training Step:   63%|        | 62934/100000 [15:54<11:15, 54.86it/s]
Training Step:   63%|        | 62940/100000 [15:54<12:20, 50.06it/s]
Training Step:   63%|        | 62946/100000 [15:54<12:07, 50.93it/s]
Training Step:   63%|        | 62952/100000 [15:54<12:02, 51.30it/s]
Training Step:   63%|        | 62958/100000 [15:54<11:43, 52.68it/s]
Training Step:   63%|        | 62964/100000 [15:54<11:35, 53.22it/s]
Training Step:   63%|        | 62970/100000 [15:54<11:30, 53.62it/s]
Training Step:   63%|        | 62976/100000 [15:54<11:15, 54.78it/s]
Training Step:   63%|        | 62982/100000 [15:54<11:22, 54.26it/s]
Training Step:   63%|        | 62988/100000 [15:55<11:37, 53.03it/s]
Training Step:   63%|        | 62994/100000 [15:55<11:20, 54.39it/s]
Training Step:   63%|        | 63000/100000 [15:55<11:21, 54.27it/s]
Training Step:   63%|        | 63006/100000 [15:55<11:39, 52.89it/s]
Training Step:   63%|        | 63012/100000 [15:55<11:57, 51.58it/s]
Training Step:   63%|        | 63018/100000 [15:55<12:04, 51.02it/s]
Training Step:   63%|        | 63024/100000 [15:55<12:19, 50.01it/s]
Training Step:   63%|        | 63030/100000 [15:55<12:18, 50.07it/s]
Training Step:   63%|        | 63036/100000 [15:55<12:09, 50.68it/s]
Training Step:   63%|        | 63042/100000 [15:56<12:25, 49.60it/s]
Training Step:   63%|        | 63048/100000 [15:56<12:16, 50.16it/s]
Training Step:   63%|        | 63054/100000 [15:56<12:13, 50.38it/s]
Training Step:   63%|        | 63060/100000 [15:56<12:07, 50.79it/s]
Training Step:   63%|        | 63066/100000 [15:56<12:05, 50.92it/s]
Training Step:   63%|        | 63072/100000 [15:56<12:03, 51.04it/s]
Training Step:   63%|        | 63078/100000 [15:56<12:04, 50.94it/s]
Training Step:   63%|        | 63084/100000 [15:56<12:56, 47.56it/s]
Training Step:   63%|        | 63089/100000 [15:57<13:07, 46.90it/s]
Training Step:   63%|        | 63094/100000 [15:57<13:34, 45.33it/s]
Training Step:   63%|        | 63099/100000 [15:57<13:31, 45.48it/s]
Training Step:   63%|        | 63104/100000 [15:57<14:11, 43.31it/s]
Training Step:   63%|        | 63109/100000 [15:57<14:24, 42.67it/s]
Training Step:   63%|        | 63114/100000 [15:57<15:05, 40.72it/s]
Training Step:   63%|        | 63119/100000 [15:57<15:14, 40.34it/s]
Training Step:   63%|        | 63124/100000 [15:57<15:19, 40.10it/s]
Training Step:   63%|        | 63129/100000 [15:58<15:06, 40.65it/s]
Training Step:   63%|        | 63134/100000 [15:58<15:02, 40.86it/s]
Training Step:   63%|        | 63139/100000 [15:58<14:30, 42.34it/s]
Training Step:   63%|        | 63144/100000 [15:58<15:16, 40.21it/s]
Training Step:   63%|        | 63149/100000 [15:58<15:11, 40.44it/s]
Training Step:   63%|        | 63154/100000 [15:58<15:14, 40.31it/s]
Training Step:   63%|        | 63159/100000 [15:58<15:00, 40.90it/s]
Training Step:   63%|        | 63164/100000 [15:58<14:53, 41.23it/s]
Training Step:   63%|        | 63169/100000 [15:59<14:41, 41.78it/s]
Training Step:   63%|        | 63174/100000 [15:59<14:48, 41.43it/s]
Training Step:   63%|        | 63179/100000 [15:59<14:45, 41.61it/s]
Training Step:   63%|        | 63184/100000 [15:59<14:48, 41.42it/s]
```

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Training Step:  63%|        | 63189/100000 [15:59<14:31, 42.24it/s]
Training Step:  63%|        | 63194/100000 [15:59<14:17, 42.93it/s]
Training Step:  63%|        | 63199/100000 [15:59<14:00, 43.77it/s]
Training Step:  63%|        | 63204/100000 [15:59<14:03, 43.63it/s]
Training Step:  63%|        | 63209/100000 [15:59<14:19, 42.82it/s]
Training Step:  63%|        | 63214/100000 [16:00<14:11, 43.20it/s]
Training Step:  63%|        | 63219/100000 [16:00<13:38, 44.91it/s]
Training Step:  63%|        | 63224/100000 [16:00<13:24, 45.69it/s]
Training Step:  63%|        | 63229/100000 [16:00<13:10, 46.51it/s]
Training Step:  63%|        | 63235/100000 [16:00<12:43, 48.16it/s]
Training Step:  63%|        | 63240/100000 [16:00<12:47, 47.87it/s]
Training Step:  63%|        | 63246/100000 [16:00<12:26, 49.21it/s]
Training Step:  63%|        | 63252/100000 [16:00<12:14, 50.01it/s]
Training Step:  63%|        | 63258/100000 [16:00<12:09, 50.38it/s]
Training Step:  63%|        | 63264/100000 [16:01<11:51, 51.60it/s]
Training Step:  63%|        | 63270/100000 [16:01<11:34, 52.89it/s]
Training Step:  63%|        | 63276/100000 [16:01<11:27, 53.39it/s]
Training Step:  63%|        | 63282/100000 [16:01<11:25, 53.59it/s]
Training Step:  63%|        | 63288/100000 [16:01<11:10, 54.77it/s]
Training Step:  63%|        | 63294/100000 [16:01<10:59, 55.62it/s]
Training Step:  63%|        | 63300/100000 [16:01<10:56, 55.91it/s]
Training Step:  63%|        | 63307/100000 [16:01<10:27, 58.44it/s]
Training Step:  63%|        | 63314/100000 [16:01<10:11, 60.02it/s]
Training Step:  63%|        | 63321/100000 [16:02<10:59, 55.60it/s]
Training Step:  63%|        | 63328/100000 [16:02<10:36, 57.58it/s]
Training Step:  63%|        | 63335/100000 [16:02<10:02, 60.88it/s]
Training Step:  63%|        | 63343/100000 [16:02<09:27, 64.56it/s]
Training Step:  63%|        | 63351/100000 [16:02<09:07, 66.99it/s]
Training Step:  63%|        | 63360/100000 [16:02<08:33,
71.42it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
arrive_dest.

Training Step:  63%|        | 63368/100000 [16:02<10:27, 58.38it/s]
Training Step:  63%|        | 63375/100000 [16:02<10:03, 60.72it/s]
Training Step:  63%|        | 63382/100000 [16:03<10:00, 60.94it/s]
Training Step:  63%|        | 63389/100000 [16:03<09:59, 61.04it/s]
Training Step:  63%|        | 63396/100000 [16:03<10:24, 58.64it/s]
Training Step:  63%|        | 63402/100000 [16:03<10:26, 58.41it/s]
Training Step:  63%|        | 63408/100000 [16:03<10:29, 58.09it/s]
Training Step:  63%|        | 63414/100000 [16:03<10:27, 58.26it/s]
Training Step:  63%|        | 63420/100000 [16:03<10:30, 58.04it/s]
Training Step:  63%|        | 63426/100000 [16:03<10:53, 55.99it/s]
Training Step:  63%|        | 63432/100000 [16:03<10:48, 56.43it/s]
Training Step:  63%|        | 63438/100000 [16:04<11:01, 55.29it/s]
Training Step:  63%|        | 63444/100000 [16:04<11:04, 55.05it/s]
Training Step:  63%|        | 63450/100000 [16:04<10:58, 55.50it/s]
Training Step:  63%|        | 63456/100000 [16:04<11:02, 55.14it/s]
Training Step:  63%|        | 63462/100000 [16:04<11:07, 54.71it/s]
```

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Training Step:  63%|        | 63468/100000 [16:04<11:16, 53.99it/s]
Training Step:  63%|        | 63474/100000 [16:04<11:25, 53.29it/s]
Training Step:  63%|        | 63480/100000 [16:04<11:18, 53.81it/s]
Training Step:  63%|        | 63486/100000 [16:04<11:19, 53.74it/s]
Training Step:  63%|        | 63492/100000 [16:05<11:46, 51.71it/s]
Training Step:  63%|        | 63498/100000 [16:05<11:58, 50.79it/s]
Training Step:  64%|        | 63504/100000 [16:05<12:18, 49.43it/s]
Training Step:  64%|        | 63509/100000 [16:05<12:33, 48.44it/s]
Training Step:  64%|        | 63514/100000 [16:05<12:52, 47.20it/s]
Training Step:  64%|        | 63519/100000 [16:05<13:05, 46.45it/s]
Training Step:  64%|        | 63524/100000 [16:05<13:05, 46.41it/s]
Training Step:  64%|        | 63529/100000 [16:05<13:08, 46.25it/s]
Training Step:  64%|        | 63534/100000 [16:05<13:00, 46.75it/s]
Training Step:  64%|        | 63540/100000 [16:06<12:49, 47.40it/s]
Training Step:  64%|        | 63545/100000 [16:06<12:40, 47.95it/s]
Training Step:  64%|        | 63550/100000 [16:06<13:00, 46.69it/s]
Training Step:  64%|        | 63555/100000 [16:06<13:00, 46.70it/s]
Training Step:  64%|        | 63560/100000 [16:06<13:12, 45.95it/s]
Training Step:  64%|        | 63565/100000 [16:06<13:44, 44.17it/s]
Training Step:  64%|        | 63570/100000 [16:06<13:57, 43.48it/s]
Training Step:  64%|        | 63575/100000 [16:06<13:55, 43.60it/s]
Training Step:  64%|        | 63580/100000 [16:06<14:12, 42.72it/s]
Training Step:  64%|        | 63585/100000 [16:07<14:01, 43.27it/s]
Training Step:  64%|        | 63590/100000 [16:07<14:15, 42.56it/s]
Training Step:  64%|        | 63595/100000 [16:07<14:07, 42.95it/s]
Training Step:  64%|        | 63600/100000 [16:07<14:17, 42.45it/s]
Training Step:  64%|        | 63605/100000 [16:07<14:00, 43.31it/s]
Training Step:  64%|        | 63610/100000 [16:07<14:42, 41.22it/s]
Training Step:  64%|        | 63615/100000 [16:07<14:55, 40.64it/s]
Training Step:  64%|        | 63620/100000 [16:07<15:32, 39.03it/s]
Training Step:  64%|        | 63624/100000 [16:08<15:49, 38.32it/s]
Training Step:  64%|        | 63628/100000 [16:08<16:17, 37.21it/s]
Training Step:  64%|        | 63632/100000 [16:08<16:28, 36.78it/s]
Training Step:  64%|        | 63636/100000 [16:08<16:44, 36.18it/s]
Training Step:  64%|        | 63640/100000 [16:08<16:51, 35.95it/s]
Training Step:  64%|        | 63644/100000 [16:08<17:06, 35.42it/s]
Training Step:  64%|        | 63648/100000 [16:08<17:30, 34.60it/s]
Training Step:  64%|        | 63652/100000 [16:08<17:49, 33.98it/s]
Training Step:  64%|        | 63656/100000 [16:09<17:50, 33.97it/s]
Training Step:  64%|        | 63660/100000 [16:09<17:45, 34.12it/s]
Training Step:  64%|        | 63664/100000 [16:09<17:25, 34.76it/s]
Training Step:  64%|        | 63668/100000 [16:09<17:14, 35.13it/s]
Training Step:  64%|        | 63672/100000 [16:09<16:56, 35.74it/s]
Training Step:  64%|        | 63676/100000 [16:09<16:53, 35.85it/s]
Training Step:  64%|        | 63680/100000 [16:09<16:24, 36.89it/s]
Training Step:  64%|        | 63684/100000 [16:09<16:26, 36.83it/s]
Training Step:  64%|        | 63688/100000 [16:09<16:07, 37.52it/s]
Training Step:  64%|        | 63692/100000 [16:09<16:00, 37.80it/s]
```

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Training Step:   64%|         | 63696/100000 [16:10<16:02, 37.72it/s]
Training Step:   64%|         | 63700/100000 [16:10<15:48, 38.28it/s]
Training Step:   64%|         | 63704/100000 [16:10<15:49, 38.22it/s]
Training Step:   64%|         | 63709/100000 [16:10<15:13, 39.71it/s]
Training Step:   64%|         | 63714/100000 [16:10<14:57, 40.42it/s]
Training Step:   64%|         | 63719/100000 [16:10<14:46, 40.94it/s]
Training Step:   64%|         | 63724/100000 [16:10<14:49, 40.78it/s]
Training Step:   64%|         | 63729/100000 [16:10<14:39, 41.22it/s]
Training Step:   64%|         | 63734/100000 [16:11<14:38, 41.28it/s]
Training Step:   64%|         | 63739/100000 [16:11<14:11, 42.59it/s]
Training Step:   64%|         | 63744/100000 [16:11<14:24, 41.95it/s]
Training Step:   64%|         | 63749/100000 [16:11<14:03, 42.95it/s]
Training Step:   64%|         | 63754/100000 [16:11<14:04, 42.92it/s]
Training Step:   64%|         | 63759/100000 [16:11<13:34, 44.52it/s]
Training Step:   64%|         | 63764/100000 [16:11<13:24, 45.06it/s]
Training Step:   64%|         | 63769/100000 [16:11<13:08, 45.92it/s]
Training Step:   64%|         | 63774/100000 [16:11<13:00, 46.42it/s]
Training Step:   64%|         | 63780/100000 [16:12<12:34, 48.03it/s]
Training Step:   64%|         | 63786/100000 [16:12<12:15, 49.27it/s]
Training Step:   64%|         | 63792/100000 [16:12<11:54, 50.70it/s]
Training Step:   64%|         | 63798/100000 [16:12<11:43, 51.42it/s]
Training Step:   64%|         | 63804/100000 [16:12<11:42, 51.52it/s]
Training Step:   64%|         | 63810/100000 [16:12<11:34, 52.13it/s]
Training Step:   64%|         | 63816/100000 [16:12<11:22, 52.98it/s]
Training Step:   64%|         | 63823/100000 [16:12<10:42, 56.30it/s]
Training Step:   64%|         | 63829/100000 [16:12<10:32, 57.17it/s]
Training Step:   64%|         | 63836/100000 [16:13<10:13, 58.97it/s]
Training Step:   64%|         | 63842/100000 [16:13<10:35, 56.85it/s]
Training Step:   64%|         | 63849/100000 [16:13<10:12, 59.04it/s]
Training Step:   64%|         | 63856/100000 [16:13<09:54, 60.76it/s]
Training Step:   64%|         | 63864/100000 [16:13<09:22, 64.25it/s]
Training Step:   64%|         | 63872/100000 [16:13<08:57, 67.16it/s]
Training Step:   64%|         | 63880/100000 [16:13<08:43, 69.03it/s]
Training Step:   64%|         | 63888/100000 [16:13<08:32, 70.53it/s]
Training Step:   64%|         | 63896/100000 [16:13<08:18,
72.39it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
arrive_dest.

Training Step:   64%|         | 63904/100000 [16:14<09:55, 60.57it/s]
Training Step:   64%|         | 63912/100000 [16:14<09:25, 63.81it/s]
Training Step:   64%|         | 63920/100000 [16:14<09:09, 65.61it/s]
Training Step:   64%|         | 63927/100000 [16:14<09:35, 62.66it/s]
Training Step:   64%|         | 63934/100000 [16:14<10:42, 56.11it/s]
Training Step:   64%|         | 63940/100000 [16:14<11:10, 53.78it/s]
Training Step:   64%|         | 63946/100000 [16:14<11:19, 53.09it/s]
Training Step:   64%|         | 63952/100000 [16:14<11:19, 53.09it/s]
Training Step:   64%|         | 63958/100000 [16:15<11:12, 53.63it/s]
Training Step:   64%|         | 63964/100000 [16:15<11:17, 53.20it/s]
```

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Training Step:  64%|        | 63970/100000 [16:15<11:22, 52.76it/s]
Training Step:  64%|        | 63976/100000 [16:15<11:28, 52.32it/s]
Training Step:  64%|        | 63982/100000 [16:15<11:34, 51.87it/s]
Training Step:  64%|        | 63988/100000 [16:15<12:24, 48.34it/s]
Training Step:  64%|        | 63993/100000 [16:15<13:10, 45.57it/s]
Training Step:  64%|        | 63998/100000 [16:15<13:14, 45.31it/s]
Training Step:  64%|        | 64003/100000 [16:16<13:53, 43.16it/s]
Training Step:  64%|        | 64008/100000 [16:16<13:41, 43.79it/s]
Training Step:  64%|        | 64013/100000 [16:16<13:26, 44.60it/s]
Training Step:  64%|        | 64018/100000 [16:16<13:39, 43.93it/s]
Training Step:  64%|        | 64023/100000 [16:16<13:13, 45.32it/s]
Training Step:  64%|        | 64028/100000 [16:16<13:38, 43.94it/s]
Training Step:  64%|        | 64033/100000 [16:16<13:21, 44.85it/s]
Training Step:  64%|        | 64038/100000 [16:16<13:37, 43.97it/s]
Training Step:  64%|        | 64043/100000 [16:16<14:05, 42.54it/s]
Training Step:  64%|        | 64048/100000 [16:17<13:59, 42.81it/s]
Training Step:  64%|        | 64053/100000 [16:17<13:40, 43.80it/s]
Training Step:  64%|        | 64058/100000 [16:17<13:38, 43.93it/s]
Training Step:  64%|        | 64063/100000 [16:17<13:42, 43.68it/s]
Training Step:  64%|        | 64068/100000 [16:17<13:56, 42.95it/s]
Training Step:  64%|        | 64073/100000 [16:17<13:53, 43.10it/s]
Training Step:  64%|        | 64078/100000 [16:17<14:34, 41.08it/s]
Training Step:  64%|        | 64083/100000 [16:17<14:06, 42.44it/s]
Training Step:  64%|        | 64088/100000 [16:17<14:40, 40.80it/s]
Training Step:  64%|        | 64093/100000 [16:18<14:38, 40.86it/s]
Training Step:  64%|        | 64098/100000 [16:18<14:24, 41.51it/s]
Training Step:  64%|        | 64104/100000 [16:18<13:32, 44.16it/s]
Training Step:  64%|        | 64109/100000 [16:18<13:11, 45.34it/s]
Training Step:  64%|        | 64114/100000 [16:18<13:08, 45.49it/s]
Training Step:  64%|        | 64120/100000 [16:18<12:36, 47.45it/s]
Training Step:  64%|        | 64126/100000 [16:18<12:17, 48.62it/s]
Training Step:  64%|        | 64132/100000 [16:18<12:05, 49.43it/s]
Training Step:  64%|        | 64138/100000 [16:19<11:49, 50.51it/s]
Training Step:  64%|        | 64144/100000 [16:19<11:39, 51.23it/s]
Training Step:  64%|        | 64150/100000 [16:19<11:45, 50.85it/s]
Training Step:  64%|        | 64156/100000 [16:19<11:28, 52.05it/s]
Training Step:  64%|        | 64162/100000 [16:19<11:55, 50.11it/s]
Training Step:  64%|        | 64168/100000 [16:19<11:48, 50.59it/s]
Training Step:  64%|        | 64174/100000 [16:19<11:34, 51.59it/s]
Training Step:  64%|        | 64180/100000 [16:19<11:19, 52.72it/s]
Training Step:  64%|        | 64186/100000 [16:19<10:56, 54.57it/s]
Training Step:  64%|        | 64192/100000 [16:20<10:59, 54.28it/s]
Training Step:  64%|        | 64199/100000 [16:20<10:25, 57.22it/s]
Training Step:  64%|        | 64205/100000 [16:20<10:17, 58.00it/s]
Training Step:  64%|        | 64212/100000 [16:20<10:02, 59.43it/s]
Training Step:  64%|        | 64219/100000 [16:20<09:54, 60.21it/s]
Training Step:  64%|        | 64226/100000 [16:20<10:06, 58.98it/s]
Training Step:  64%|        | 64232/100000 [16:20<10:13, 58.30it/s]
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Training Step:   64%|        | 64238/100000 [16:20<10:15, 58.13it/s]
Training Step:   64%|        | 64244/100000 [16:20<10:16, 58.00it/s]
Training Step:   64%|        | 64250/100000 [16:21<10:22, 57.43it/s]
Training Step:   64%|        | 64256/100000 [16:21<10:42, 55.62it/s]
Training Step:   64%|        | 64262/100000 [16:21<11:03, 53.83it/s]
Training Step:   64%|        | 64268/100000 [16:21<11:20, 52.49it/s]
Training Step:   64%|        | 64274/100000 [16:21<11:23, 52.26it/s]
Training Step:   64%|        | 64280/100000 [16:21<11:25, 52.10it/s]
Training Step:   64%|        | 64286/100000 [16:21<11:34, 51.45it/s]
Training Step:   64%|        | 64292/100000 [16:21<11:40, 51.01it/s]
Training Step:   64%|        | 64298/100000 [16:21<11:38, 51.09it/s]
Training Step:   64%|        | 64304/100000 [16:22<11:27, 51.94it/s]
Training Step:   64%|        | 64310/100000 [16:22<11:17, 52.70it/s]
Training Step:   64%|        | 64316/100000 [16:22<11:19, 52.53it/s]
Training Step:   64%|        | 64322/100000 [16:22<11:15, 52.81it/s]
Training Step:   64%|        | 64328/100000 [16:22<11:14, 52.88it/s]
Training Step:   64%|        | 64334/100000 [16:22<11:13, 52.93it/s]
Training Step:   64%|        | 64340/100000 [16:22<12:09, 48.88it/s]
Training Step:   64%|        | 64346/100000 [16:22<11:59, 49.57it/s]
Training Step:   64%|        | 64352/100000 [16:23<11:35, 51.23it/s]
Training Step:   64%|        | 64358/100000 [16:23<11:15, 52.73it/s]
Training Step:   64%|        | 64364/100000 [16:23<10:54, 54.42it/s]
Training Step:   64%|        | 64370/100000 [16:23<10:40, 55.61it/s]
Training Step:   64%|        | 64377/100000 [16:23<10:19, 57.49it/s]
Training Step:   64%|        | 64384/100000 [16:23<10:06, 58.69it/s]
Training Step:   64%|        | 64391/100000 [16:23<09:50, 60.33it/s]
Training Step:   64%|        | 64398/100000 [16:23<09:43, 60.99it/s]
Training Step:   64%|        | 64405/100000 [16:23<09:33, 62.12it/s]
Training Step:   64%|        | 64412/100000 [16:23<09:55, 59.72it/s]
Training Step:   64%|        | 64418/100000 [16:24<10:01, 59.12it/s]
Training Step:   64%|        | 64426/100000 [16:24<09:33, 62.07it/s]
Training Step:   64%|        | 64433/100000 [16:24<09:21, 63.37it/s]
Training Step:   64%|        | 64440/100000 [16:24<09:20, 63.46it/s]
Training Step:   64%|        | 64447/100000 [16:24<09:38,
61.42it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:   64%|        | 64454/100000 [16:24<11:24, 51.91it/s]
Training Step:   64%|        | 64461/100000 [16:24<10:44, 55.15it/s]
Training Step:   64%|        | 64468/100000 [16:24<10:10, 58.17it/s]
Training Step:   64%|        | 64475/100000 [16:25<09:50, 60.17it/s]
Training Step:   64%|        | 64482/100000 [16:25<09:48, 60.38it/s]
Training Step:   64%|        | 64489/100000 [16:25<09:27, 62.56it/s]
Training Step:   64%|        | 64496/100000 [16:25<09:12, 64.26it/s]
Training Step:   65%|        | 64504/100000 [16:25<08:53, 66.51it/s]
Training Step:   65%|        | 64512/100000 [16:25<08:48, 67.09it/s]
Training Step:   65%|        | 64519/100000 [16:25<08:48, 67.19it/s]
Training Step:   65%|        | 64526/100000 [16:25<09:03, 65.22it/s]
```

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Training Step:   65%|        | 64533/100000 [16:25<09:04, 65.10it/s]
Training Step:   65%|        | 64540/100000 [16:26<09:26, 62.62it/s]
Training Step:   65%|        | 64547/100000 [16:26<09:38, 61.28it/s]
Training Step:   65%|        | 64554/100000 [16:26<10:06, 58.43it/s]
Training Step:   65%|        | 64560/100000 [16:26<10:13, 57.77it/s]
Training Step:   65%|        | 64566/100000 [16:26<10:19, 57.23it/s]
Training Step:   65%|        | 64572/100000 [16:26<10:27, 56.47it/s]
Training Step:   65%|        | 64578/100000 [16:26<10:57, 53.90it/s]
Training Step:   65%|        | 64584/100000 [16:26<11:12, 52.66it/s]
Training Step:   65%|        | 64590/100000 [16:26<10:58, 53.76it/s]
Training Step:   65%|        | 64596/100000 [16:27<10:53, 54.16it/s]
Training Step:   65%|        | 64602/100000 [16:27<10:59, 53.68it/s]
Training Step:   65%|        | 64608/100000 [16:27<10:52, 54.22it/s]
Training Step:   65%|        | 64614/100000 [16:27<10:56, 53.90it/s]
Training Step:   65%|        | 64620/100000 [16:27<10:57, 53.80it/s]
Training Step:   65%|        | 64626/100000 [16:27<10:48, 54.56it/s]
Training Step:   65%|        | 64632/100000 [16:27<10:51, 54.26it/s]
Training Step:   65%|        | 64638/100000 [16:27<11:00, 53.51it/s]
Training Step:   65%|        | 64644/100000 [16:27<10:53, 54.11it/s]
Training Step:   65%|        | 64650/100000 [16:28<10:41, 55.13it/s]
Training Step:   65%|        | 64656/100000 [16:28<10:39, 55.26it/s]
Training Step:   65%|        | 64662/100000 [16:28<10:40, 55.19it/s]
Training Step:   65%|        | 64668/100000 [16:28<10:51, 54.25it/s]
Training Step:   65%|        | 64674/100000 [16:28<10:44, 54.80it/s]
Training Step:   65%|        | 64680/100000 [16:28<10:33, 55.79it/s]
Training Step:   65%|        | 64686/100000 [16:28<10:30, 56.03it/s]
Training Step:   65%|        | 64692/100000 [16:28<10:26, 56.36it/s]
Training Step:   65%|        | 64698/100000 [16:28<10:48, 54.41it/s]
Training Step:   65%|        | 64704/100000 [16:29<10:41, 55.01it/s]
Training Step:   65%|        | 64710/100000 [16:29<10:29, 56.10it/s]
Training Step:   65%|        | 64716/100000 [16:29<10:20, 56.89it/s]
Training Step:   65%|        | 64722/100000 [16:29<10:13, 57.46it/s]
Training Step:   65%|        | 64728/100000 [16:29<10:20, 56.87it/s]
Training Step:   65%|        | 64734/100000 [16:29<10:17, 57.12it/s]
Training Step:   65%|        | 64740/100000 [16:29<10:36, 55.38it/s]
Training Step:   65%|        | 64746/100000 [16:29<10:41, 54.98it/s]
Training Step:   65%|        | 64752/100000 [16:29<10:48, 54.32it/s]
Training Step:   65%|        | 64758/100000 [16:30<10:51, 54.09it/s]
Training Step:   65%|        | 64764/100000 [16:30<10:51, 54.08it/s]
Training Step:   65%|        | 64770/100000 [16:30<10:40, 54.97it/s]
Training Step:   65%|        | 64776/100000 [16:30<10:29, 55.91it/s]
Training Step:   65%|        | 64783/100000 [16:30<10:07, 57.95it/s]
Training Step:   65%|        | 64789/100000 [16:30<10:20, 56.76it/s]
Training Step:   65%|        | 64796/100000 [16:30<09:59, 58.75it/s]
Training Step:   65%|        | 64803/100000 [16:30<09:38, 60.80it/s]
Training Step:   65%|        | 64810/100000 [16:30<09:18, 63.04it/s]
Training Step:   65%|        | 64817/100000 [16:31<09:42, 60.36it/s]
Training Step:   65%|        | 64824/100000 [16:31<09:50, 59.61it/s]
```

```
Training Step:  65%|       | 64830/100000 [16:31<09:49, 59.66it/s]
Training Step:  65%|       | 64837/100000 [16:31<09:24, 62.28it/s]
Training Step:  65%|       | 64846/100000 [16:31<08:43,
67.11it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:  65%|       | 64853/100000 [16:31<10:28, 55.88it/s]
Training Step:  65%|       | 64860/100000 [16:31<10:12, 57.39it/s]
Training Step:  65%|       | 64867/100000 [16:31<09:44, 60.14it/s]
Training Step:  65%|       | 64874/100000 [16:31<09:39, 60.66it/s]
Training Step:  65%|       | 64881/100000 [16:32<09:42, 60.26it/s]
Training Step:  65%|       | 64888/100000 [16:32<10:04, 58.05it/s]
Training Step:  65%|       | 64894/100000 [16:32<10:05, 57.95it/s]
Training Step:  65%|       | 64900/100000 [16:32<10:11, 57.42it/s]
Training Step:  65%|       | 64906/100000 [16:32<10:24, 56.19it/s]
Training Step:  65%|       | 64912/100000 [16:32<10:21, 56.46it/s]
Training Step:  65%|       | 64918/100000 [16:32<10:14, 57.13it/s]
Training Step:  65%|       | 64924/100000 [16:32<10:08, 57.68it/s]
Training Step:  65%|       | 64930/100000 [16:32<10:21, 56.40it/s]
Training Step:  65%|       | 64936/100000 [16:33<10:12, 57.26it/s]
Training Step:  65%|       | 64942/100000 [16:33<10:09, 57.55it/s]
Training Step:  65%|       | 64948/100000 [16:33<10:12, 57.27it/s]
Training Step:  65%|       | 64954/100000 [16:33<10:43, 54.44it/s]
Training Step:  65%|       | 64960/100000 [16:33<11:05, 52.64it/s]
Training Step:  65%|       | 64966/100000 [16:33<11:11, 52.15it/s]
Training Step:  65%|       | 64972/100000 [16:33<11:32, 50.55it/s]
Training Step:  65%|       | 64978/100000 [16:33<11:48, 49.45it/s]
Training Step:  65%|       | 64983/100000 [16:33<11:57, 48.83it/s]
Training Step:  65%|       | 64988/100000 [16:34<12:13, 47.73it/s]
Training Step:  65%|       | 64993/100000 [16:34<12:06, 48.22it/s]
Training Step:  65%|       | 64998/100000 [16:34<12:06, 48.18it/s]
Training Step:  65%|       | 65003/100000 [16:34<12:00, 48.57it/s]
Training Step:  65%|       | 65008/100000 [16:34<12:16, 47.54it/s]
Training Step:  65%|       | 65014/100000 [16:34<12:09, 47.95it/s]
Training Step:  65%|       | 65019/100000 [16:34<12:03, 48.38it/s]
Training Step:  65%|       | 65024/100000 [16:34<12:15, 47.55it/s]
Training Step:  65%|       | 65029/100000 [16:34<12:17, 47.44it/s]
Training Step:  65%|       | 65034/100000 [16:35<12:23, 47.03it/s]
Training Step:  65%|       | 65039/100000 [16:35<12:14, 47.60it/s]
Training Step:  65%|       | 65044/100000 [16:35<12:16, 47.47it/s]
Training Step:  65%|       | 65050/100000 [16:35<11:59, 48.56it/s]
Training Step:  65%|       | 65056/100000 [16:35<12:00, 48.52it/s]
Training Step:  65%|       | 65061/100000 [16:35<12:10, 47.83it/s]
Training Step:  65%|       | 65066/100000 [16:35<12:13, 47.61it/s]
Training Step:  65%|       | 65071/100000 [16:35<12:03, 48.28it/s]
Training Step:  65%|       | 65076/100000 [16:35<12:22, 47.02it/s]
Training Step:  65%|       | 65081/100000 [16:36<12:23, 46.94it/s]
Training Step:  65%|       | 65086/100000 [16:36<12:40, 45.93it/s]
```

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Training Step:  65%|        | 65091/100000 [16:36<12:40, 45.91it/s]
Training Step:  65%|        | 65096/100000 [16:36<12:32, 46.41it/s]
Training Step:  65%|        | 65102/100000 [16:36<12:15, 47.45it/s]
Training Step:  65%|        | 65108/100000 [16:36<12:03, 48.25it/s]
Training Step:  65%|        | 65114/100000 [16:36<12:04, 48.17it/s]
Training Step:  65%|        | 65119/100000 [16:36<12:10, 47.77it/s]
Training Step:  65%|        | 65124/100000 [16:36<12:30, 46.48it/s]
Training Step:  65%|        | 65129/100000 [16:37<12:36, 46.08it/s]
Training Step:  65%|        | 65134/100000 [16:37<12:37, 46.02it/s]
Training Step:  65%|        | 65139/100000 [16:37<12:42, 45.73it/s]
Training Step:  65%|        | 65144/100000 [16:37<13:09, 44.16it/s]
Training Step:  65%|        | 65149/100000 [16:37<12:58, 44.79it/s]
Training Step:  65%|        | 65154/100000 [16:37<12:55, 44.91it/s]
Training Step:  65%|        | 65159/100000 [16:37<12:34, 46.19it/s]
Training Step:  65%|        | 65164/100000 [16:37<12:48, 45.32it/s]
Training Step:  65%|        | 65169/100000 [16:37<12:33, 46.23it/s]
Training Step:  65%|        | 65174/100000 [16:38<12:35, 46.11it/s]
Training Step:  65%|        | 65179/100000 [16:38<12:21, 46.94it/s]
Training Step:  65%|        | 65184/100000 [16:38<12:18, 47.14it/s]
Training Step:  65%|        | 65189/100000 [16:38<12:06, 47.91it/s]
Training Step:  65%|        | 65194/100000 [16:38<12:18, 47.15it/s]
Training Step:  65%|        | 65200/100000 [16:38<11:54, 48.69it/s]
Training Step:  65%|        | 65206/100000 [16:38<11:42, 49.56it/s]
Training Step:  65%|        | 65211/100000 [16:38<11:48, 49.11it/s]
Training Step:  65%|        | 65216/100000 [16:38<12:34, 46.13it/s]
Training Step:  65%|        | 65221/100000 [16:39<12:51, 45.09it/s]
Training Step:  65%|        | 65226/100000 [16:39<13:03, 44.37it/s]
Training Step:  65%|        | 65231/100000 [16:39<13:08, 44.11it/s]
Training Step:  65%|        | 65236/100000 [16:39<12:57, 44.73it/s]
Training Step:  65%|        | 65241/100000 [16:39<12:51, 45.07it/s]
Training Step:  65%|        | 65246/100000 [16:39<12:42, 45.55it/s]
Training Step:  65%|        | 65251/100000 [16:39<12:43, 45.52it/s]
Training Step:  65%|        | 65256/100000 [16:39<12:37, 45.88it/s]
Training Step:  65%|        | 65261/100000 [16:39<12:35, 46.00it/s]
Training Step:  65%|        | 65266/100000 [16:40<12:55, 44.78it/s]
Training Step:  65%|        | 65271/100000 [16:40<12:36, 45.90it/s]
Training Step:  65%|        | 65276/100000 [16:40<12:48, 45.20it/s]
Training Step:  65%|        | 65281/100000 [16:40<12:36, 45.90it/s]
Training Step:  65%|        | 65286/100000 [16:40<12:42, 45.52it/s]
Training Step:  65%|        | 65291/100000 [16:40<12:57, 44.64it/s]
Training Step:  65%|        | 65296/100000 [16:40<13:07, 44.07it/s]
Training Step:  65%|        | 65301/100000 [16:40<13:20, 43.32it/s]
Training Step:  65%|        | 65306/100000 [16:40<13:01, 44.42it/s]
Training Step:  65%|        | 65311/100000 [16:41<12:43, 45.43it/s]
Training Step:  65%|        | 65316/100000 [16:41<12:44, 45.35it/s]
Training Step:  65%|        | 65321/100000 [16:41<12:27, 46.39it/s]
Training Step:  65%|        | 65327/100000 [16:41<12:00, 48.09it/s]
Training Step:  65%|        | 65332/100000 [16:41<12:10, 47.43it/s]
```

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Training Step:  65%|         | 65338/100000 [16:41<11:52, 48.64it/s]
Training Step:  65%|         | 65344/100000 [16:41<11:40, 49.47it/s]
Training Step:  65%|         | 65349/100000 [16:41<11:40, 49.49it/s]
Training Step:  65%|         | 65354/100000 [16:41<11:38, 49.62it/s]
Training Step:  65%|         | 65360/100000 [16:42<11:26, 50.43it/s]
Training Step:  65%|         | 65366/100000 [16:42<10:57, 52.68it/s]
Training Step:  65%|         | 65372/100000 [16:42<10:54, 52.88it/s]
Training Step:  65%|         | 65378/100000 [16:42<12:01, 48.01it/s]
Training Step:  65%|         | 65383/100000 [16:42<11:54, 48.46it/s]
Training Step:  65%|         | 65389/100000 [16:42<11:29, 50.20it/s]
Training Step:  65%|         | 65395/100000 [16:42<11:08, 51.75it/s]
Training Step:  65%|         | 65401/100000 [16:42<10:50, 53.15it/s]
Training Step:  65%|         | 65407/100000 [16:42<10:56, 52.71it/s]
Training Step:  65%|         | 65413/100000 [16:43<10:35, 54.40it/s]
Training Step:  65%|         | 65419/100000 [16:43<10:22, 55.52it/s]
Training Step:  65%|         | 65425/100000 [16:43<10:24, 55.37it/s]
Training Step:  65%|         | 65431/100000 [16:43<10:14,
56.24it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
arrive_dest.

Training Step:  65%|         | 65437/100000 [16:43<12:18, 46.83it/s]
Training Step:  65%|         | 65444/100000 [16:43<11:05, 51.93it/s]
Training Step:  65%|         | 65452/100000 [16:43<09:53, 58.20it/s]
Training Step:  65%|         | 65459/100000 [16:43<09:56, 57.95it/s]
Training Step:  65%|         | 65465/100000 [16:44<10:25, 55.25it/s]
Training Step:  65%|         | 65471/100000 [16:44<10:44, 53.54it/s]
Training Step:  65%|         | 65477/100000 [16:44<10:56, 52.61it/s]
Training Step:  65%|         | 65483/100000 [16:44<11:12, 51.31it/s]
Training Step:  65%|         | 65489/100000 [16:44<11:37, 49.50it/s]
Training Step:  65%|         | 65494/100000 [16:44<11:46, 48.83it/s]
Training Step:  66%|         | 65500/100000 [16:44<11:52, 48.45it/s]
Training Step:  66%|         | 65506/100000 [16:44<11:45, 48.91it/s]
Training Step:  66%|         | 65512/100000 [16:44<11:36, 49.48it/s]
Training Step:  66%|         | 65517/100000 [16:45<11:45, 48.85it/s]
Training Step:  66%|         | 65522/100000 [16:45<11:54, 48.25it/s]
Training Step:  66%|         | 65527/100000 [16:45<11:51, 48.46it/s]
Training Step:  66%|         | 65532/100000 [16:45<11:50, 48.48it/s]
Training Step:  66%|         | 65538/100000 [16:45<11:34, 49.64it/s]
Training Step:  66%|         | 65543/100000 [16:45<11:34, 49.60it/s]
Training Step:  66%|         | 65548/100000 [16:45<11:54, 48.20it/s]
Training Step:  66%|         | 65553/100000 [16:45<11:51, 48.42it/s]
Training Step:  66%|         | 65558/100000 [16:45<12:01, 47.71it/s]
Training Step:  66%|         | 65564/100000 [16:46<11:58, 47.93it/s]
Training Step:  66%|         | 65569/100000 [16:46<11:55, 48.11it/s]
Training Step:  66%|         | 65574/100000 [16:46<11:59, 47.83it/s]
Training Step:  66%|         | 65579/100000 [16:46<12:10, 47.11it/s]
Training Step:  66%|         | 65584/100000 [16:46<12:12, 47.00it/s]
Training Step:  66%|         | 65589/100000 [16:46<12:01, 47.71it/s]
```

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Training Step:  66%|        | 65594/100000 [16:46<12:11, 47.02it/s]
Training Step:  66%|        | 65599/100000 [16:46<12:26, 46.10it/s]
Training Step:  66%|        | 65604/100000 [16:46<12:34, 45.58it/s]
Training Step:  66%|        | 65610/100000 [16:47<12:11, 46.98it/s]
Training Step:  66%|        | 65616/100000 [16:47<11:57, 47.91it/s]
Training Step:  66%|        | 65622/100000 [16:47<11:49, 48.47it/s]
Training Step:  66%|        | 65628/100000 [16:47<11:47, 48.57it/s]
Training Step:  66%|        | 65634/100000 [16:47<11:42, 48.94it/s]
Training Step:  66%|        | 65640/100000 [16:47<11:20, 50.53it/s]
Training Step:  66%|        | 65646/100000 [16:47<11:08, 51.41it/s]
Training Step:  66%|        | 65652/100000 [16:47<11:26, 50.06it/s]
Training Step:  66%|        | 65658/100000 [16:47<11:40, 49.05it/s]
Training Step:  66%|        | 65664/100000 [16:48<11:39, 49.09it/s]
Training Step:  66%|        | 65669/100000 [16:48<11:45, 48.70it/s]
Training Step:  66%|        | 65674/100000 [16:48<11:51, 48.23it/s]
Training Step:  66%|        | 65680/100000 [16:48<11:50, 48.28it/s]
Training Step:  66%|        | 65685/100000 [16:48<11:46, 48.54it/s]
Training Step:  66%|        | 65690/100000 [16:48<11:57, 47.81it/s]
Training Step:  66%|        | 65695/100000 [16:48<11:48, 48.42it/s]
Training Step:  66%|        | 65700/100000 [16:48<12:27, 45.87it/s]
Training Step:  66%|        | 65705/100000 [16:49<12:45, 44.80it/s]
Training Step:  66%|        | 65710/100000 [16:49<13:06, 43.58it/s]
Training Step:  66%|        | 65715/100000 [16:49<12:46, 44.71it/s]
Training Step:  66%|        | 65720/100000 [16:49<12:32, 45.54it/s]
Training Step:  66%|        | 65725/100000 [16:49<12:18, 46.39it/s]
Training Step:  66%|        | 65730/100000 [16:49<12:35, 45.36it/s]
Training Step:  66%|        | 65735/100000 [16:49<12:22, 46.14it/s]
Training Step:  66%|        | 65740/100000 [16:49<12:29, 45.68it/s]
Training Step:  66%|        | 65746/100000 [16:49<11:59, 47.58it/s]
Training Step:  66%|        | 65752/100000 [16:50<11:49, 48.28it/s]
Training Step:  66%|        | 65757/100000 [16:50<11:51, 48.12it/s]
Training Step:  66%|        | 65763/100000 [16:50<11:22, 50.16it/s]
Training Step:  66%|        | 65769/100000 [16:50<11:15, 50.65it/s]
Training Step:  66%|        | 65775/100000 [16:50<10:56, 52.13it/s]
Training Step:  66%|        | 65781/100000 [16:50<10:54, 52.28it/s]
Training Step:  66%|        | 65787/100000 [16:50<10:40, 53.42it/s]
Training Step:  66%|        | 65793/100000 [16:50<10:29, 54.31it/s]
Training Step:  66%|        | 65799/100000 [16:50<10:20, 55.08it/s]
Training Step:  66%|        | 65805/100000 [16:50<10:08, 56.20it/s]
Training Step:  66%|        | 65811/100000 [16:51<10:11, 55.95it/s]
Training Step:  66%|        | 65817/100000 [16:51<10:26, 54.56it/s]
Training Step:  66%|        | 65823/100000 [16:51<10:27, 54.47it/s]
Training Step:  66%|        | 65829/100000 [16:51<10:22, 54.86it/s]
Training Step:  66%|        | 65835/100000 [16:51<10:13, 55.68it/s]
Training Step:  66%|        | 65842/100000 [16:51<10:02, 56.69it/s]
Training Step:  66%|        | 65848/100000 [16:51<09:57, 57.13it/s]
Training Step:  66%|        | 65854/100000 [16:51<10:02, 56.69it/s]
Training Step:  66%|        | 65860/100000 [16:51<09:54, 57.47it/s]
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Training Step:  66%|        | 65867/100000 [16:52<09:31, 59.70it/s]
Training Step:  66%|        | 65874/100000 [16:52<09:20, 60.91it/s]
Training Step:  66%|        | 65881/100000 [16:52<09:02, 62.92it/s]
Training Step:  66%|        | 65888/100000 [16:52<09:01,
63.04it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
arrive_dest.

Training Step:  66%|        | 65895/100000 [16:52<10:24, 54.62it/s]
Training Step:  66%|        | 65902/100000 [16:52<09:44, 58.38it/s]
Training Step:  66%|        | 65910/100000 [16:52<09:04, 62.55it/s]
Training Step:  66%|        | 65918/100000 [16:52<08:49, 64.32it/s]
Training Step:  66%|        | 65925/100000 [16:52<08:41, 65.32it/s]
Training Step:  66%|        | 65932/100000 [16:53<08:57, 63.43it/s]
Training Step:  66%|        | 65939/100000 [16:53<08:49, 64.35it/s]
Training Step:  66%|        | 65946/100000 [16:53<08:54, 63.67it/s]
Training Step:  66%|        | 65953/100000 [16:53<09:05, 62.39it/s]
Training Step:  66%|        | 65960/100000 [16:53<09:15, 61.28it/s]
Training Step:  66%|        | 65967/100000 [16:53<09:17, 61.00it/s]
Training Step:  66%|        | 65974/100000 [16:53<09:29, 59.72it/s]
Training Step:  66%|        | 65981/100000 [16:53<09:20, 60.68it/s]
Training Step:  66%|        | 65988/100000 [16:54<09:50, 57.59it/s]
Training Step:  66%|        | 65994/100000 [16:54<09:50, 57.62it/s]
Training Step:  66%|        | 66000/100000 [16:54<10:27, 54.18it/s]
Training Step:  66%|        | 66006/100000 [16:54<10:14, 55.28it/s]
Training Step:  66%|        | 66012/100000 [16:54<10:08, 55.86it/s]
Training Step:  66%|        | 66018/100000 [16:54<09:57, 56.87it/s]
Training Step:  66%|        | 66024/100000 [16:54<09:53, 57.27it/s]
Training Step:  66%|        | 66031/100000 [16:54<09:30, 59.55it/s]
Training Step:  66%|        | 66038/100000 [16:54<09:23, 60.29it/s]
Training Step:  66%|        | 66045/100000 [16:55<09:21, 60.44it/s]
Training Step:  66%|        | 66052/100000 [16:55<09:06, 62.06it/s]
Training Step:  66%|        | 66059/100000 [16:55<09:18, 60.72it/s]
Training Step:  66%|        | 66066/100000 [16:55<09:51, 57.33it/s]
Training Step:  66%|        | 66072/100000 [16:55<10:08, 55.74it/s]
Training Step:  66%|        | 66078/100000 [16:55<10:37, 53.21it/s]
Training Step:  66%|        | 66084/100000 [16:55<10:45, 52.57it/s]
Training Step:  66%|        | 66090/100000 [16:55<10:40, 52.91it/s]
Training Step:  66%|        | 66096/100000 [16:55<10:35, 53.38it/s]
Training Step:  66%|        | 66102/100000 [16:56<10:46, 52.47it/s]
Training Step:  66%|        | 66108/100000 [16:56<11:00, 51.33it/s]
Training Step:  66%|        | 66114/100000 [16:56<11:22, 49.67it/s]
Training Step:  66%|        | 66119/100000 [16:56<11:29, 49.14it/s]
Training Step:  66%|        | 66124/100000 [16:56<11:35, 48.72it/s]
Training Step:  66%|        | 66130/100000 [16:56<11:37, 48.55it/s]
Training Step:  66%|        | 66135/100000 [16:56<11:32, 48.87it/s]
Training Step:  66%|        | 66140/100000 [16:56<11:34, 48.78it/s]
Training Step:  66%|        | 66146/100000 [16:57<11:27, 49.22it/s]
Training Step:  66%|        | 66152/100000 [16:57<11:30, 49.01it/s]
```

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Training Step:  66%|          | 66157/100000 [16:57<11:42, 48.16it/s]
Training Step:  66%|          | 66162/100000 [16:57<12:07, 46.50it/s]
Training Step:  66%|          | 66167/100000 [16:57<12:00, 46.94it/s]
Training Step:  66%|          | 66172/100000 [16:57<11:55, 47.27it/s]
Training Step:  66%|          | 66178/100000 [16:57<11:48, 47.74it/s]
Training Step:  66%|          | 66183/100000 [16:57<11:40, 48.26it/s]
Training Step:  66%|          | 66188/100000 [16:57<12:24, 45.40it/s]
Training Step:  66%|          | 66193/100000 [16:58<12:15, 45.95it/s]
Training Step:  66%|          | 66198/100000 [16:58<12:12, 46.18it/s]
Training Step:  66%|          | 66204/100000 [16:58<11:55, 47.27it/s]
Training Step:  66%|          | 66210/100000 [16:58<11:35, 48.56it/s]
Training Step:  66%|          | 66215/100000 [16:58<11:32, 48.82it/s]
Training Step:  66%|          | 66221/100000 [16:58<11:26, 49.20it/s]
Training Step:  66%|          | 66226/100000 [16:58<11:36, 48.49it/s]
Training Step:  66%|          | 66232/100000 [16:58<11:18, 49.75it/s]
Training Step:  66%|          | 66238/100000 [16:58<11:14, 50.09it/s]
Training Step:  66%|          | 66244/100000 [16:59<11:16, 49.93it/s]
Training Step:  66%|          | 66250/100000 [16:59<11:01, 51.03it/s]
Training Step:  66%|          | 66256/100000 [16:59<10:34, 53.18it/s]
Training Step:  66%|          | 66262/100000 [16:59<10:31, 53.44it/s]
Training Step:  66%|          | 66268/100000 [16:59<10:29, 53.62it/s]
Training Step:  66%|          | 66275/100000 [16:59<09:58, 56.30it/s]
Training Step:  66%|          | 66281/100000 [16:59<09:49, 57.17it/s]
Training Step:  66%|          | 66287/100000 [16:59<09:54, 56.69it/s]
Training Step:  66%|          | 66293/100000 [16:59<09:49, 57.14it/s]
Training Step:  66%|          | 66299/100000 [17:00<09:44, 57.63it/s]
Training Step:  66%|          | 66305/100000 [17:00<09:46, 57.42it/s]
Training Step:  66%|          | 66312/100000 [17:00<09:38, 58.26it/s]
Training Step:  66%|          | 66319/100000 [17:00<09:20, 60.13it/s]
Training Step:  66%|          | 66326/100000 [17:00<09:20, 60.03it/s]
Training Step:  66%|          | 66333/100000 [17:00<09:21, 59.96it/s]
Training Step:  66%|          | 66340/100000 [17:00<09:29, 59.15it/s]
Training Step:  66%|          | 66347/100000 [17:00<09:16, 60.45it/s]
Training Step:  66%|          | 66354/100000 [17:00<09:06, 61.55it/s]
Training Step:  66%|          | 66362/100000 [17:01<08:47, 63.82it/s]
Training Step:  66%|          | 66369/100000 [17:01<08:46, 63.94it/s]
Training Step:  66%|          | 66376/100000 [17:01<09:06, 61.53it/s]
Training Step:  66%|          | 66383/100000 [17:01<09:10, 61.02it/s]
Training Step:  66%|          | 66390/100000 [17:01<09:29,
58.99it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  66%|          | 66396/100000 [17:01<11:17, 49.58it/s]
Training Step:  66%|          | 66402/100000 [17:01<10:59, 50.98it/s]
Training Step:  66%|          | 66409/100000 [17:01<10:17, 54.39it/s]
Training Step:  66%|          | 66415/100000 [17:01<10:04, 55.55it/s]
Training Step:  66%|          | 66421/100000 [17:02<09:58, 56.15it/s]
Training Step:  66%|          | 66427/100000 [17:02<09:56, 56.28it/s]
```

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Training Step:  66%|          | 66433/100000 [17:02<11:13, 49.81it/s]
Training Step:  66%|          | 66439/100000 [17:02<10:41, 52.36it/s]
Training Step:  66%|          | 66446/100000 [17:02<10:08, 55.17it/s]
Training Step:  66%|          | 66454/100000 [17:02<09:26, 59.18it/s]
Training Step:  66%|          | 66461/100000 [17:02<09:04, 61.57it/s]
Training Step:  66%|          | 66468/100000 [17:02<08:54, 62.68it/s]
Training Step:  66%|          | 66476/100000 [17:03<08:39, 64.54it/s]
Training Step:  66%|          | 66483/100000 [17:03<08:34, 65.17it/s]
Training Step:  66%|          | 66490/100000 [17:03<08:39, 64.49it/s]
Training Step:  66%|          | 66497/100000 [17:03<08:36, 64.85it/s]
Training Step:  67%|          | 66504/100000 [17:03<08:29, 65.78it/s]
Training Step:  67%|          | 66511/100000 [17:03<08:22, 66.60it/s]
Training Step:  67%|          | 66518/100000 [17:03<08:33, 65.14it/s]
Training Step:  67%|          | 66525/100000 [17:03<08:28, 65.77it/s]
Training Step:  67%|          | 66532/100000 [17:03<08:33, 65.12it/s]
Training Step:  67%|          | 66539/100000 [17:03<08:41, 64.14it/s]
Training Step:  67%|          | 66546/100000 [17:04<08:55, 62.44it/s]
Training Step:  67%|          | 66553/100000 [17:04<09:05,
61.30it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  67%|          | 66560/100000 [17:04<10:31, 52.92it/s]
Training Step:  67%|          | 66568/100000 [17:04<09:39, 57.68it/s]
Training Step:  67%|          | 66575/100000 [17:04<09:27, 58.85it/s]
Training Step:  67%|          | 66582/100000 [17:04<09:33, 58.25it/s]
Training Step:  67%|          | 66588/100000 [17:04<10:03, 55.37it/s]
Training Step:  67%|          | 66594/100000 [17:04<10:16, 54.22it/s]
Training Step:  67%|          | 66600/100000 [17:05<10:23, 53.57it/s]
Training Step:  67%|          | 66606/100000 [17:05<10:40, 52.10it/s]
Training Step:  67%|          | 66612/100000 [17:05<10:47, 51.60it/s]
Training Step:  67%|          | 66618/100000 [17:05<10:49, 51.38it/s]
Training Step:  67%|          | 66624/100000 [17:05<10:46, 51.61it/s]
Training Step:  67%|          | 66630/100000 [17:05<10:56, 50.86it/s]
Training Step:  67%|          | 66636/100000 [17:05<11:14, 49.49it/s]
Training Step:  67%|          | 66641/100000 [17:05<11:24, 48.73it/s]
Training Step:  67%|          | 66646/100000 [17:06<11:48, 47.06it/s]
Training Step:  67%|          | 66651/100000 [17:06<11:51, 46.84it/s]
Training Step:  67%|          | 66656/100000 [17:06<12:15, 45.36it/s]
Training Step:  67%|          | 66661/100000 [17:06<12:35, 44.11it/s]
Training Step:  67%|          | 66666/100000 [17:06<13:45, 40.39it/s]
Training Step:  67%|          | 66671/100000 [17:06<13:10, 42.18it/s]
Training Step:  67%|          | 66676/100000 [17:06<12:45, 43.54it/s]
Training Step:  67%|          | 66682/100000 [17:06<12:15, 45.30it/s]
Training Step:  67%|          | 66688/100000 [17:07<11:48, 47.02it/s]
Training Step:  67%|          | 66694/100000 [17:07<11:26, 48.54it/s]
Training Step:  67%|          | 66700/100000 [17:07<11:02, 50.25it/s]
Training Step:  67%|          | 66706/100000 [17:07<10:37, 52.20it/s]
Training Step:  67%|          | 66712/100000 [17:07<10:25, 53.18it/s]
```

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Training Step:  67%|        | 66718/100000 [17:07<10:30, 52.80it/s]
Training Step:  67%|        | 66724/100000 [17:07<10:30, 52.75it/s]
Training Step:  67%|        | 66730/100000 [17:07<10:31, 52.71it/s]
Training Step:  67%|        | 66736/100000 [17:07<10:25, 53.16it/s]
Training Step:  67%|        | 66742/100000 [17:08<10:23, 53.34it/s]
Training Step:  67%|        | 66748/100000 [17:08<10:20, 53.55it/s]
Training Step:  67%|        | 66754/100000 [17:08<10:24, 53.27it/s]
Training Step:  67%|        | 66760/100000 [17:08<10:26, 53.08it/s]
Training Step:  67%|        | 66766/100000 [17:08<10:24, 53.23it/s]
Training Step:  67%|        | 66772/100000 [17:08<10:21, 53.47it/s]
Training Step:  67%|        | 66778/100000 [17:08<10:21, 53.50it/s]
Training Step:  67%|        | 66784/100000 [17:08<10:30, 52.68it/s]
Training Step:  67%|        | 66790/100000 [17:08<10:30, 52.67it/s]
Training Step:  67%|        | 66796/100000 [17:09<10:37, 52.11it/s]
Training Step:  67%|        | 66802/100000 [17:09<10:44, 51.51it/s]
Training Step:  67%|        | 66808/100000 [17:09<10:38, 52.01it/s]
Training Step:  67%|        | 66814/100000 [17:09<10:44, 51.53it/s]
Training Step:  67%|        | 66820/100000 [17:09<10:47, 51.21it/s]
Training Step:  67%|        | 66826/100000 [17:09<10:48, 51.12it/s]
Training Step:  67%|        | 66832/100000 [17:09<10:53, 50.78it/s]
Training Step:  67%|        | 66838/100000 [17:09<10:46, 51.26it/s]
Training Step:  67%|        | 66844/100000 [17:09<10:41, 51.67it/s]
Training Step:  67%|        | 66850/100000 [17:10<10:28, 52.77it/s]
Training Step:  67%|        | 66856/100000 [17:10<10:20, 53.45it/s]
Training Step:  67%|        | 66862/100000 [17:10<10:06, 54.66it/s]
Training Step:  67%|        | 66868/100000 [17:10<10:16, 53.71it/s]
Training Step:  67%|        | 66874/100000 [17:10<10:34, 52.19it/s]
Training Step:  67%|        | 66880/100000 [17:10<10:42, 51.51it/s]
Training Step:  67%|        | 66886/100000 [17:10<10:37, 51.91it/s]
Training Step:  67%|        | 66892/100000 [17:10<10:21, 53.27it/s]
Training Step:  67%|        | 66898/100000 [17:10<10:27, 52.73it/s]
Training Step:  67%|        | 66904/100000 [17:11<10:23, 53.12it/s]
Training Step:  67%|        | 66910/100000 [17:11<10:09, 54.26it/s]
Training Step:  67%|        | 66916/100000 [17:11<10:12, 54.01it/s]
Training Step:  67%|        | 66922/100000 [17:11<10:19, 53.42it/s]
Training Step:  67%|        | 66928/100000 [17:11<10:51, 50.75it/s]
Training Step:  67%|        | 66934/100000 [17:11<11:17, 48.80it/s]
Training Step:  67%|        | 66939/100000 [17:11<11:23, 48.36it/s]
Training Step:  67%|        | 66944/100000 [17:11<11:46, 46.80it/s]
Training Step:  67%|        | 66949/100000 [17:12<11:42, 47.03it/s]
Training Step:  67%|        | 66954/100000 [17:12<12:10, 45.24it/s]
Training Step:  67%|        | 66960/100000 [17:12<11:51, 46.46it/s]
Training Step:  67%|        | 66966/100000 [17:12<11:08, 49.41it/s]
Training Step:  67%|        | 66972/100000 [17:12<10:32, 52.18it/s]
Training Step:  67%|        | 66978/100000 [17:12<10:19, 53.27it/s]
Training Step:  67%|        | 66985/100000 [17:12<09:37, 57.18it/s]
Training Step:  67%|        | 66992/100000 [17:12<09:16, 59.31it/s]
Training Step:  67%|        | 67000/100000 [17:12<08:49, 62.35it/s]
```

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Training Step:  67%|         | 67008/100000 [17:13<08:26, 65.15it/s]
Training Step:  67%|         | 67016/100000 [17:13<08:11,
67.05it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:  67%|         | 67023/100000 [17:13<09:21, 58.72it/s]
Training Step:  67%|         | 67030/100000 [17:13<09:03, 60.68it/s]
Training Step:  67%|         | 67037/100000 [17:13<08:48, 62.32it/s]
Training Step:  67%|         | 67044/100000 [17:13<08:47, 62.53it/s]
Training Step:  67%|         | 67051/100000 [17:13<09:01, 60.85it/s]
Training Step:  67%|         | 67058/100000 [17:13<09:09, 59.98it/s]
Training Step:  67%|         | 67065/100000 [17:13<09:08, 60.09it/s]
Training Step:  67%|         | 67072/100000 [17:14<09:26, 58.08it/s]
Training Step:  67%|         | 67078/100000 [17:14<09:30, 57.68it/s]
Training Step:  67%|         | 67085/100000 [17:14<09:17, 59.08it/s]
Training Step:  67%|         | 67091/100000 [17:14<09:22, 58.54it/s]
Training Step:  67%|         | 67097/100000 [17:14<09:19, 58.78it/s]
Training Step:  67%|         | 67104/100000 [17:14<09:12, 59.59it/s]
Training Step:  67%|         | 67111/100000 [17:14<09:05, 60.31it/s]
Training Step:  67%|         | 67118/100000 [17:14<09:06, 60.20it/s]
Training Step:  67%|         | 67125/100000 [17:14<09:07, 60.05it/s]
Training Step:  67%|         | 67132/100000 [17:15<09:32, 57.44it/s]
Training Step:  67%|         | 67138/100000 [17:15<09:38, 56.77it/s]
Training Step:  67%|         | 67144/100000 [17:15<09:42, 56.42it/s]
Training Step:  67%|         | 67150/100000 [17:15<09:54, 55.29it/s]
Training Step:  67%|         | 67156/100000 [17:15<09:57, 54.94it/s]
Training Step:  67%|         | 67162/100000 [17:15<09:54, 55.27it/s]
Training Step:  67%|         | 67168/100000 [17:15<10:04, 54.29it/s]
Training Step:  67%|         | 67174/100000 [17:15<10:03, 54.36it/s]
Training Step:  67%|         | 67180/100000 [17:15<10:05, 54.19it/s]
Training Step:  67%|         | 67186/100000 [17:16<10:10, 53.72it/s]
Training Step:  67%|         | 67192/100000 [17:16<10:07, 53.96it/s]
Training Step:  67%|         | 67198/100000 [17:16<10:04, 54.28it/s]
Training Step:  67%|         | 67204/100000 [17:16<09:58, 54.81it/s]
Training Step:  67%|         | 67210/100000 [17:16<10:46, 50.71it/s]
Training Step:  67%|         | 67216/100000 [17:16<10:32, 51.80it/s]
Training Step:  67%|         | 67222/100000 [17:16<10:46, 50.73it/s]
Training Step:  67%|         | 67228/100000 [17:16<10:48, 50.51it/s]
Training Step:  67%|         | 67234/100000 [17:17<10:52, 50.23it/s]
Training Step:  67%|         | 67240/100000 [17:17<10:43, 50.93it/s]
Training Step:  67%|         | 67246/100000 [17:17<10:36, 51.42it/s]
Training Step:  67%|         | 67252/100000 [17:17<10:19, 52.85it/s]
Training Step:  67%|         | 67258/100000 [17:17<09:58, 54.66it/s]
Training Step:  67%|         | 67264/100000 [17:17<09:52, 55.23it/s]
Training Step:  67%|         | 67270/100000 [17:17<09:43, 56.10it/s]
Training Step:  67%|         | 67276/100000 [17:17<09:33, 57.05it/s]
Training Step:  67%|         | 67282/100000 [17:17<09:28, 57.57it/s]
Training Step:  67%|         | 67288/100000 [17:18<09:24, 57.93it/s]
```

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Training Step:  67%|        | 67294/100000 [17:18<09:22, 58.10it/s]
Training Step:  67%|        | 67300/100000 [17:18<09:23, 58.03it/s]
Training Step:  67%|        | 67306/100000 [17:18<09:18, 58.52it/s]
Training Step:  67%|        | 67312/100000 [17:18<09:17, 58.61it/s]
Training Step:  67%|        | 67319/100000 [17:18<09:00, 60.49it/s]
Training Step:  67%|        | 67326/100000 [17:18<08:59, 60.59it/s]
Training Step:  67%|        | 67333/100000 [17:18<08:58, 60.69it/s]
Training Step:  67%|        | 67340/100000 [17:18<09:10, 59.34it/s]
Training Step:  67%|        | 67347/100000 [17:18<09:04, 59.98it/s]
Training Step:  67%|        | 67354/100000 [17:19<09:19, 58.35it/s]
Training Step:  67%|        | 67360/100000 [17:19<09:40, 56.19it/s]
Training Step:  67%|        | 67366/100000 [17:19<09:56, 54.73it/s]
Training Step:  67%|        | 67372/100000 [17:19<10:07, 53.72it/s]
Training Step:  67%|        | 67378/100000 [17:19<10:14, 53.05it/s]
Training Step:  67%|        | 67384/100000 [17:19<10:21, 52.51it/s]
Training Step:  67%|        | 67390/100000 [17:19<10:12, 53.23it/s]
Training Step:  67%|        | 67396/100000 [17:19<10:09, 53.47it/s]
Training Step:  67%|        | 67402/100000 [17:20<10:06, 53.79it/s]
Training Step:  67%|        | 67408/100000 [17:20<10:11, 53.30it/s]
Training Step:  67%|        | 67414/100000 [17:20<10:20, 52.54it/s]
Training Step:  67%|        | 67420/100000 [17:20<10:32, 51.55it/s]
Training Step:  67%|        | 67426/100000 [17:20<10:10, 53.39it/s]
Training Step:  67%|        | 67432/100000 [17:20<09:59, 54.31it/s]
Training Step:  67%|        | 67438/100000 [17:20<10:03, 53.94it/s]
Training Step:  67%|        | 67444/100000 [17:20<10:02, 54.02it/s]
Training Step:  67%|        | 67450/100000 [17:20<10:01, 54.10it/s]
Training Step:  67%|        | 67456/100000 [17:21<10:22, 52.25it/s]
Training Step:  67%|        | 67462/100000 [17:21<11:03, 49.03it/s]
Training Step:  67%|        | 67468/100000 [17:21<10:49,
50.06it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
out_of_road.

Training Step:  67%|        | 67474/100000 [17:21<12:38, 42.86it/s]
Training Step:  67%|        | 67481/100000 [17:21<11:00, 49.22it/s]
Training Step:  67%|        | 67488/100000 [17:21<10:12, 53.10it/s]
Training Step:  67%|        | 67495/100000 [17:21<09:31, 56.89it/s]
Training Step:  68%|        | 67502/100000 [17:21<09:25, 57.47it/s]
Training Step:  68%|        | 67508/100000 [17:22<09:20, 57.99it/s]
Training Step:  68%|        | 67515/100000 [17:22<09:05, 59.50it/s]
Training Step:  68%|        | 67522/100000 [17:22<09:07, 59.29it/s]
Training Step:  68%|        | 67528/100000 [17:22<09:13, 58.68it/s]
Training Step:  68%|        | 67534/100000 [17:22<09:24, 57.56it/s]
Training Step:  68%|        | 67540/100000 [17:22<09:21, 57.80it/s]
Training Step:  68%|        | 67546/100000 [17:22<09:21, 57.80it/s]
Training Step:  68%|        | 67552/100000 [17:22<09:27, 57.20it/s]
Training Step:  68%|        | 67558/100000 [17:22<09:33, 56.54it/s]
Training Step:  68%|        | 67564/100000 [17:22<09:31, 56.72it/s]
Training Step:  68%|        | 67570/100000 [17:23<09:36, 56.21it/s]
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Training Step:  68%|        | 67576/100000 [17:23<09:34, 56.48it/s]
Training Step:  68%|        | 67582/100000 [17:23<09:35, 56.36it/s]
Training Step:  68%|        | 67588/100000 [17:23<09:40, 55.81it/s]
Training Step:  68%|        | 67594/100000 [17:23<09:44, 55.42it/s]
Training Step:  68%|        | 67600/100000 [17:23<09:34, 56.40it/s]
Training Step:  68%|        | 67606/100000 [17:23<09:36, 56.15it/s]
Training Step:  68%|        | 67612/100000 [17:23<09:39, 55.92it/s]
Training Step:  68%|        | 67618/100000 [17:23<09:45, 55.35it/s]
Training Step:  68%|        | 67624/100000 [17:24<09:44, 55.41it/s]
Training Step:  68%|        | 67630/100000 [17:24<09:49, 54.92it/s]
Training Step:  68%|        | 67636/100000 [17:24<09:48, 54.96it/s]
Training Step:  68%|        | 67642/100000 [17:24<09:50, 54.78it/s]
Training Step:  68%|        | 67648/100000 [17:24<09:59, 53.97it/s]
Training Step:  68%|        | 67654/100000 [17:24<10:05, 53.42it/s]
Training Step:  68%|        | 67660/100000 [17:24<10:18, 52.26it/s]
Training Step:  68%|        | 67666/100000 [17:24<10:17, 52.34it/s]
Training Step:  68%|        | 67672/100000 [17:24<10:08, 53.13it/s]
Training Step:  68%|        | 67678/100000 [17:25<10:05, 53.40it/s]
Training Step:  68%|        | 67684/100000 [17:25<10:12, 52.77it/s]
Training Step:  68%|        | 67690/100000 [17:25<10:14, 52.59it/s]
Training Step:  68%|        | 67696/100000 [17:25<10:12, 52.74it/s]
Training Step:  68%|        | 67702/100000 [17:25<10:15, 52.50it/s]
Training Step:  68%|        | 67708/100000 [17:25<10:28, 51.37it/s]
Training Step:  68%|        | 67714/100000 [17:25<10:32, 51.06it/s]
Training Step:  68%|        | 67720/100000 [17:25<10:21, 51.96it/s]
Training Step:  68%|        | 67726/100000 [17:26<10:28, 51.35it/s]
Training Step:  68%|        | 67732/100000 [17:26<10:46, 49.93it/s]
Training Step:  68%|        | 67738/100000 [17:26<10:54, 49.33it/s]
Training Step:  68%|        | 67744/100000 [17:26<10:55, 49.22it/s]
Training Step:  68%|        | 67750/100000 [17:26<10:49, 49.65it/s]
Training Step:  68%|        | 67755/100000 [17:26<11:08, 48.21it/s]
Training Step:  68%|        | 67760/100000 [17:26<12:04, 44.49it/s]
Training Step:  68%|        | 67765/100000 [17:26<12:34, 42.73it/s]
Training Step:  68%|        | 67770/100000 [17:27<12:57, 41.45it/s]
Training Step:  68%|        | 67775/100000 [17:27<12:58, 41.42it/s]
Training Step:  68%|        | 67780/100000 [17:27<13:04, 41.06it/s]
Training Step:  68%|        | 67785/100000 [17:27<13:07, 40.93it/s]
Training Step:  68%|        | 67790/100000 [17:27<13:10, 40.74it/s]
Training Step:  68%|        | 67795/100000 [17:27<13:09, 40.82it/s]
Training Step:  68%|        | 67800/100000 [17:27<13:15, 40.48it/s]
Training Step:  68%|        | 67805/100000 [17:27<13:07, 40.86it/s]
Training Step:  68%|        | 67810/100000 [17:28<12:56, 41.48it/s]
Training Step:  68%|        | 67815/100000 [17:28<12:48, 41.87it/s]
Training Step:  68%|        | 67820/100000 [17:28<12:53, 41.60it/s]
Training Step:  68%|        | 67825/100000 [17:28<12:56, 41.42it/s]
Training Step:  68%|        | 67830/100000 [17:28<13:14, 40.49it/s]
Training Step:  68%|        | 67835/100000 [17:28<12:58, 41.34it/s]
Training Step:  68%|        | 67840/100000 [17:28<13:05, 40.93it/s]
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Training Step:   68%|          | 67845/100000 [17:28<13:13, 40.55it/s]
Training Step:   68%|          | 67850/100000 [17:28<13:29, 39.71it/s]
Training Step:   68%|          | 67854/100000 [17:29<13:34, 39.48it/s]
Training Step:   68%|          | 67858/100000 [17:29<13:40, 39.18it/s]
Training Step:   68%|          | 67863/100000 [17:29<12:54, 41.49it/s]
Training Step:   68%|          | 67868/100000 [17:29<12:41, 42.21it/s]
Training Step:   68%|          | 67873/100000 [17:29<12:22, 43.29it/s]
Training Step:   68%|          | 67878/100000 [17:29<12:01, 44.53it/s]
Training Step:   68%|          | 67884/100000 [17:29<11:35, 46.16it/s]
Training Step:   68%|          | 67890/100000 [17:29<11:13, 47.69it/s]
Training Step:   68%|          | 67896/100000 [17:29<11:06, 48.16it/s]
Training Step:   68%|          | 67902/100000 [17:30<10:53, 49.10it/s]
Training Step:   68%|          | 67908/100000 [17:30<10:43, 49.88it/s]
Training Step:   68%|          | 67914/100000 [17:30<10:27, 51.09it/s]
Training Step:   68%|          | 67920/100000 [17:30<10:19, 51.82it/s]
Training Step:   68%|          | 67926/100000 [17:30<10:01, 53.33it/s]
Training Step:   68%|          | 67932/100000 [17:30<10:03, 53.12it/s]
Training Step:   68%|          | 67938/100000 [17:30<09:55, 53.83it/s]
Training Step:   68%|          | 67944/100000 [17:30<09:48, 54.49it/s]
Training Step:   68%|          | 67950/100000 [17:30<09:38, 55.43it/s]
Training Step:   68%|          | 67957/100000 [17:31<09:13, 57.92it/s]
Training Step:   68%|          | 67964/100000 [17:31<08:50, 60.40it/s]
Training Step:   68%|          | 67971/100000 [17:31<08:44, 61.05it/s]
Training Step:   68%|          | 67978/100000 [17:31<08:47, 60.72it/s]
Training Step:   68%|          | 67985/100000 [17:31<08:33, 62.34it/s]
Training Step:   68%|          | 67993/100000 [17:31<08:06, 65.82it/s]
Training Step:   68%|          | 68000/100000 [17:31<08:13, 64.81it/s]
Training Step:   68%|          | 68008/100000 [17:31<07:44,
68.85it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
arrive_dest.

Training Step:   68%|          | 68015/100000 [17:32<08:50, 60.28it/s]
Training Step:   68%|          | 68022/100000 [17:32<08:39, 61.53it/s]
Training Step:   68%|          | 68029/100000 [17:32<08:23, 63.52it/s]
Training Step:   68%|          | 68036/100000 [17:32<08:21, 63.75it/s]
Training Step:   68%|          | 68044/100000 [17:32<08:01, 66.42it/s]
Training Step:   68%|          | 68051/100000 [17:32<07:55, 67.23it/s]
Training Step:   68%|          | 68058/100000 [17:32<08:10, 65.11it/s]
Training Step:   68%|          | 68065/100000 [17:32<08:11, 64.95it/s]
Training Step:   68%|          | 68072/100000 [17:32<08:21, 63.73it/s]
Training Step:   68%|          | 68079/100000 [17:32<08:15, 64.39it/s]
Training Step:   68%|          | 68086/100000 [17:33<08:32, 62.32it/s]
Training Step:   68%|          | 68093/100000 [17:33<08:17, 64.07it/s]
Training Step:   68%|          | 68100/100000 [17:33<08:20, 63.77it/s]
Training Step:   68%|          | 68107/100000 [17:33<08:29, 62.54it/s]
Training Step:   68%|          | 68114/100000 [17:33<08:42, 61.05it/s]
Training Step:   68%|          | 68121/100000 [17:33<08:55, 59.54it/s]
Training Step:   68%|          | 68127/100000 [17:33<09:12, 57.66it/s]
```

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Training Step:   68%|        | 68133/100000 [17:33<09:19, 56.95it/s]
Training Step:   68%|        | 68139/100000 [17:34<09:26, 56.25it/s]
Training Step:   68%|        | 68145/100000 [17:34<09:34, 55.46it/s]
Training Step:   68%|        | 68151/100000 [17:34<09:35,
55.34it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:   68%|        | 68157/100000 [17:34<10:23, 51.04it/s]
Training Step:   68%|        | 68164/100000 [17:34<09:38, 55.02it/s]
Training Step:   68%|        | 68172/100000 [17:34<09:00, 58.90it/s]
Training Step:   68%|        | 68178/100000 [17:34<09:23, 56.46it/s]
Training Step:   68%|        | 68184/100000 [17:34<09:38, 54.99it/s]
Training Step:   68%|        | 68190/100000 [17:34<09:59, 53.06it/s]
Training Step:   68%|        | 68196/100000 [17:35<10:05, 52.53it/s]
Training Step:   68%|        | 68202/100000 [17:35<10:06, 52.43it/s]
Training Step:   68%|        | 68208/100000 [17:35<10:07, 52.35it/s]
Training Step:   68%|        | 68214/100000 [17:35<10:15, 51.62it/s]
Training Step:   68%|        | 68220/100000 [17:35<10:13, 51.81it/s]
Training Step:   68%|        | 68226/100000 [17:35<10:08, 52.21it/s]
Training Step:   68%|        | 68232/100000 [17:35<10:11, 51.92it/s]
Training Step:   68%|        | 68238/100000 [17:35<10:16, 51.54it/s]
Training Step:   68%|        | 68244/100000 [17:35<10:07, 52.23it/s]
Training Step:   68%|        | 68250/100000 [17:36<10:01, 52.76it/s]
Training Step:   68%|        | 68256/100000 [17:36<10:03, 52.59it/s]
Training Step:   68%|        | 68262/100000 [17:36<10:01, 52.75it/s]
Training Step:   68%|        | 68268/100000 [17:36<09:53, 53.49it/s]
Training Step:   68%|        | 68274/100000 [17:36<09:56, 53.15it/s]
Training Step:   68%|        | 68280/100000 [17:36<09:53, 53.42it/s]
Training Step:   68%|        | 68286/100000 [17:36<10:04, 52.48it/s]
Training Step:   68%|        | 68292/100000 [17:36<10:24, 50.79it/s]
Training Step:   68%|        | 68298/100000 [17:37<10:25, 50.68it/s]
Training Step:   68%|        | 68304/100000 [17:37<10:31, 50.22it/s]
Training Step:   68%|        | 68310/100000 [17:37<10:27, 50.53it/s]
Training Step:   68%|        | 68316/100000 [17:37<10:31, 50.20it/s]
Training Step:   68%|        | 68322/100000 [17:37<10:24, 50.75it/s]
Training Step:   68%|        | 68328/100000 [17:37<10:17, 51.27it/s]
Training Step:   68%|        | 68334/100000 [17:37<10:01, 52.64it/s]
Training Step:   68%|        | 68340/100000 [17:37<09:54, 53.24it/s]
Training Step:   68%|        | 68346/100000 [17:37<09:41, 54.39it/s]
Training Step:   68%|        | 68352/100000 [17:38<09:43, 54.27it/s]
Training Step:   68%|        | 68358/100000 [17:38<09:41, 54.42it/s]
Training Step:   68%|        | 68364/100000 [17:38<09:42, 54.31it/s]
Training Step:   68%|        | 68370/100000 [17:38<09:39, 54.55it/s]
Training Step:   68%|        | 68376/100000 [17:38<09:53, 53.24it/s]
Training Step:   68%|        | 68382/100000 [17:38<09:44, 54.06it/s]
Training Step:   68%|        | 68388/100000 [17:38<09:43, 54.20it/s]
Training Step:   68%|        | 68394/100000 [17:38<09:45, 54.02it/s]
Training Step:   68%|        | 68400/100000 [17:38<09:51, 53.45it/s]
```

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Training Step:  68%|          | 68406/100000 [17:39<09:49, 53.63it/s]
Training Step:  68%|          | 68412/100000 [17:39<09:52, 53.33it/s]
Training Step:  68%|          | 68418/100000 [17:39<09:47, 53.74it/s]
Training Step:  68%|          | 68424/100000 [17:39<09:49, 53.54it/s]
Training Step:  68%|          | 68430/100000 [17:39<09:57, 52.84it/s]
Training Step:  68%|          | 68436/100000 [17:39<09:46, 53.78it/s]
Training Step:  68%|          | 68443/100000 [17:39<09:23, 56.01it/s]
Training Step:  68%|          | 68450/100000 [17:39<09:14, 56.91it/s]
Training Step:  68%|          | 68456/100000 [17:39<09:26, 55.68it/s]
Training Step:  68%|          | 68462/100000 [17:40<09:45, 53.85it/s]
Training Step:  68%|          | 68468/100000 [17:40<10:04, 52.13it/s]
Training Step:  68%|          | 68474/100000 [17:40<10:04, 52.12it/s]
Training Step:  68%|          | 68480/100000 [17:40<09:58, 52.66it/s]
Training Step:  68%|          | 68486/100000 [17:40<09:46, 53.77it/s]
Training Step:  68%|          | 68492/100000 [17:40<09:39, 54.33it/s]
Training Step:  68%|          | 68498/100000 [17:40<09:41, 54.14it/s]
Training Step:  69%|          | 68504/100000 [17:40<09:34, 54.85it/s]
Training Step:  69%|          | 68510/100000 [17:40<09:27, 55.52it/s]
Training Step:  69%|          | 68516/100000 [17:41<09:41, 54.18it/s]
Training Step:  69%|          | 68522/100000 [17:41<09:57, 52.72it/s]
Training Step:  69%|          | 68528/100000 [17:41<10:11, 51.47it/s]
Training Step:  69%|          | 68534/100000 [17:41<09:58, 52.61it/s]
Training Step:  69%|          | 68540/100000 [17:41<09:47, 53.59it/s]
Training Step:  69%|          | 68546/100000 [17:41<09:41, 54.06it/s]
Training Step:  69%|          | 68552/100000 [17:41<09:27, 55.40it/s]
Training Step:  69%|          | 68558/100000 [17:41<09:24, 55.68it/s]
Training Step:  69%|          | 68564/100000 [17:41<09:18, 56.27it/s]
Training Step:  69%|          | 68570/100000 [17:42<09:09, 57.17it/s]
Training Step:  69%|          | 68577/100000 [17:42<08:43, 60.02it/s]
Training Step:  69%|          | 68584/100000 [17:42<08:35, 60.99it/s]
Training Step:  69%|          | 68591/100000 [17:42<08:16, 63.21it/s]
Training Step:  69%|          | 68598/100000 [17:42<08:12, 63.70it/s]
Training Step:  69%|          | 68606/100000 [17:42<08:00, 65.31it/s]
Training Step:  69%|          | 68614/100000 [17:42<07:51, 66.62it/s]
Training Step:  69%|          | 68622/100000 [17:42<07:42,
67.91it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:  69%|          | 68629/100000 [17:43<09:00, 58.02it/s]
Training Step:  69%|          | 68636/100000 [17:43<08:36, 60.73it/s]
Training Step:  69%|          | 68644/100000 [17:43<08:10, 63.95it/s]
Training Step:  69%|          | 68651/100000 [17:43<08:32, 61.12it/s]
Training Step:  69%|          | 68658/100000 [17:43<09:11, 56.88it/s]
Training Step:  69%|          | 68664/100000 [17:43<09:24, 55.56it/s]
Training Step:  69%|          | 68670/100000 [17:43<09:40, 53.95it/s]
Training Step:  69%|          | 68676/100000 [17:43<09:53, 52.74it/s]
Training Step:  69%|          | 68682/100000 [17:43<10:07, 51.54it/s]
Training Step:  69%|          | 68688/100000 [17:44<10:34, 49.38it/s]
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Training Step:   69%|        | 68694/100000 [17:44<10:30, 49.68it/s]
Training Step:   69%|        | 68700/100000 [17:44<10:28, 49.77it/s]
Training Step:   69%|        | 68705/100000 [17:44<10:35, 49.21it/s]
Training Step:   69%|        | 68710/100000 [17:44<10:36, 49.15it/s]
Training Step:   69%|        | 68716/100000 [17:44<10:36, 49.16it/s]
Training Step:   69%|        | 68721/100000 [17:44<10:37, 49.07it/s]
Training Step:   69%|        | 68726/100000 [17:44<10:48, 48.23it/s]
Training Step:   69%|        | 68731/100000 [17:44<11:08, 46.76it/s]
Training Step:   69%|        | 68736/100000 [17:45<10:59, 47.40it/s]
Training Step:   69%|        | 68741/100000 [17:45<11:00, 47.33it/s]
Training Step:   69%|        | 68746/100000 [17:45<11:06, 46.89it/s]
Training Step:   69%|        | 68752/100000 [17:45<11:01, 47.26it/s]
Training Step:   69%|        | 68757/100000 [17:45<11:06, 46.85it/s]
Training Step:   69%|        | 68762/100000 [17:45<11:09, 46.69it/s]
Training Step:   69%|        | 68767/100000 [17:45<11:03, 47.09it/s]
Training Step:   69%|        | 68772/100000 [17:45<10:57, 47.51it/s]
Training Step:   69%|        | 68777/100000 [17:45<10:51, 47.95it/s]
Training Step:   69%|        | 68782/100000 [17:46<10:46, 48.26it/s]
Training Step:   69%|        | 68788/100000 [17:46<10:42, 48.55it/s]
Training Step:   69%|        | 68793/100000 [17:46<10:39, 48.82it/s]
Training Step:   69%|        | 68798/100000 [17:46<10:42, 48.60it/s]
Training Step:   69%|        | 68804/100000 [17:46<10:30, 49.46it/s]
Training Step:   69%|        | 68810/100000 [17:46<10:23, 50.03it/s]
Training Step:   69%|        | 68816/100000 [17:46<10:21, 50.15it/s]
Training Step:   69%|        | 68822/100000 [17:46<10:15, 50.70it/s]
Training Step:   69%|        | 68828/100000 [17:46<10:29, 49.54it/s]
Training Step:   69%|        | 68833/100000 [17:47<10:27, 49.66it/s]
Training Step:   69%|        | 68838/100000 [17:47<10:46, 48.18it/s]
Training Step:   69%|        | 68843/100000 [17:47<10:51, 47.84it/s]
Training Step:   69%|        | 68848/100000 [17:47<10:53, 47.64it/s]
Training Step:   69%|        | 68854/100000 [17:47<10:47, 48.11it/s]
Training Step:   69%|        | 68859/100000 [17:47<10:41, 48.53it/s]
Training Step:   69%|        | 68864/100000 [17:47<10:47, 48.07it/s]
Training Step:   69%|        | 68869/100000 [17:47<10:47, 48.11it/s]
Training Step:   69%|        | 68874/100000 [17:47<10:47, 48.10it/s]
Training Step:   69%|        | 68879/100000 [17:48<10:54, 47.55it/s]
Training Step:   69%|        | 68884/100000 [17:48<11:22, 45.58it/s]
Training Step:   69%|        | 68889/100000 [17:48<11:28, 45.17it/s]
Training Step:   69%|        | 68894/100000 [17:48<11:38, 44.51it/s]
Training Step:   69%|        | 68899/100000 [17:48<11:19, 45.77it/s]
Training Step:   69%|        | 68904/100000 [17:48<11:38, 44.52it/s]
Training Step:   69%|        | 68910/100000 [17:48<11:22, 45.55it/s]
Training Step:   69%|        | 68915/100000 [17:48<11:13, 46.13it/s]
Training Step:   69%|        | 68920/100000 [17:48<11:07, 46.55it/s]
Training Step:   69%|        | 68925/100000 [17:49<10:55, 47.38it/s]
Training Step:   69%|        | 68930/100000 [17:49<11:00, 47.03it/s]
Training Step:   69%|        | 68935/100000 [17:49<11:07, 46.56it/s]
Training Step:   69%|        | 68940/100000 [17:49<11:00, 47.00it/s]
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Training Step:  69%|        | 68946/100000 [17:49<10:43, 48.24it/s]
Training Step:  69%|        | 68952/100000 [17:49<10:09, 50.96it/s]
Training Step:  69%|        | 68958/100000 [17:49<09:54, 52.19it/s]
Training Step:  69%|        | 68964/100000 [17:49<10:08, 51.00it/s]
Training Step:  69%|        | 68970/100000 [17:49<10:23, 49.78it/s]
Training Step:  69%|        | 68976/100000 [17:50<10:21, 49.91it/s]
Training Step:  69%|        | 68983/100000 [17:50<09:45, 53.00it/s]
Training Step:  69%|        | 68989/100000 [17:50<09:31, 54.29it/s]
Training Step:  69%|        | 68995/100000 [17:50<09:16, 55.74it/s]
Training Step:  69%|        | 69001/100000 [17:50<09:07, 56.61it/s]
Training Step:  69%|        | 69008/100000 [17:50<08:51, 58.27it/s]
Training Step:  69%|        | 69015/100000 [17:50<08:37, 59.89it/s]
Training Step:  69%|        | 69021/100000 [17:50<08:42, 59.25it/s]
Training Step:  69%|        | 69027/100000 [17:50<09:31, 54.24it/s]
Training Step:  69%|        | 69033/100000 [17:51<09:34, 53.90it/s]
Training Step:  69%|        | 69039/100000 [17:51<09:29, 54.38it/s]
Training Step:  69%|        | 69045/100000 [17:51<09:18, 55.47it/s]
Training Step:  69%|        | 69051/100000 [17:51<09:12, 56.03it/s]
Training Step:  69%|        | 69058/100000 [17:51<08:58, 57.44it/s]
Training Step:  69%|        | 69064/100000 [17:51<08:51, 58.16it/s]
Training Step:  69%|        | 69070/100000 [17:51<09:06, 56.58it/s]
Training Step:  69%|        | 69077/100000 [17:51<08:43,
59.04it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
arrive_dest.

Training Step:  69%|        | 69083/100000 [17:52<10:11, 50.58it/s]
Training Step:  69%|        | 69090/100000 [17:52<09:27, 54.47it/s]
Training Step:  69%|        | 69098/100000 [17:52<08:31, 60.42it/s]
Training Step:  69%|        | 69106/100000 [17:52<08:11, 62.92it/s]
Training Step:  69%|        | 69113/100000 [17:52<08:19, 61.82it/s]
Training Step:  69%|        | 69120/100000 [17:52<08:34, 59.99it/s]
Training Step:  69%|        | 69127/100000 [17:52<08:39, 59.46it/s]
Training Step:  69%|        | 69133/100000 [17:52<08:58, 57.33it/s]
Training Step:  69%|        | 69139/100000 [17:52<10:16, 50.04it/s]
Training Step:  69%|        | 69145/100000 [17:53<11:37, 44.25it/s]
Training Step:  69%|        | 69150/100000 [17:53<11:23, 45.15it/s]
Training Step:  69%|        | 69155/100000 [17:53<11:12,
45.87it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
out_of_road.

Training Step:  69%|        | 69160/100000 [17:53<14:11, 36.21it/s]
Training Step:  69%|        | 69166/100000 [17:53<12:53, 39.88it/s]
Training Step:  69%|        | 69172/100000 [17:53<11:36, 44.26it/s]
Training Step:  69%|        | 69178/100000 [17:53<11:19, 45.39it/s]
Training Step:  69%|        | 69183/100000 [17:54<11:40, 44.01it/s]
Training Step:  69%|        | 69188/100000 [17:54<13:40, 37.55it/s]
Training Step:  69%|        | 69193/100000 [17:54<14:06, 36.40it/s]
Training Step:  69%|        | 69197/100000 [17:54<14:27, 35.52it/s]
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Training Step:   69%|        | 69201/100000 [17:54<14:45, 34.77it/s]
Training Step:   69%|        | 69205/100000 [17:54<15:08, 33.90it/s]
Training Step:   69%|        | 69209/100000 [17:54<17:51, 28.74it/s]
Training Step:   69%|        | 69213/100000 [17:55<17:13, 29.78it/s]
Training Step:   69%|        | 69217/100000 [17:55<17:32, 29.24it/s]
Training Step:   69%|        | 69221/100000 [17:55<16:50, 30.46it/s]
Training Step:   69%|        | 69225/100000 [17:55<16:26, 31.18it/s]
Training Step:   69%|        | 69229/100000 [17:55<16:23, 31.27it/s]
Training Step:   69%|        | 69233/100000 [17:55<16:12, 31.64it/s]
Training Step:   69%|        | 69237/100000 [17:55<15:11, 33.74it/s]
Training Step:   69%|        | 69241/100000 [17:55<14:33, 35.22it/s]
Training Step:   69%|        | 69246/100000 [17:56<13:51, 37.00it/s]
Training Step:   69%|        | 69251/100000 [17:56<12:58, 39.47it/s]
Training Step:   69%|        | 69256/100000 [17:56<12:25, 41.26it/s]
Training Step:   69%|        | 69261/100000 [17:56<11:57, 42.82it/s]
Training Step:   69%|        | 69266/100000 [17:56<11:45, 43.56it/s]
Training Step:   69%|        | 69271/100000 [17:56<11:32, 44.37it/s]
Training Step:   69%|        | 69276/100000 [17:56<11:33, 44.33it/s]
Training Step:   69%|        | 69282/100000 [17:56<11:10, 45.78it/s]
Training Step:   69%|        | 69288/100000 [17:56<10:56, 46.76it/s]
Training Step:   69%|        | 69293/100000 [17:57<10:58, 46.63it/s]
Training Step:   69%|        | 69298/100000 [17:57<11:05, 46.16it/s]
Training Step:   69%|        | 69303/100000 [17:57<10:50, 47.22it/s]
Training Step:   69%|        | 69308/100000 [17:57<10:50, 47.20it/s]
Training Step:   69%|        | 69313/100000 [17:57<10:46, 47.46it/s]
Training Step:   69%|        | 69318/100000 [17:57<10:49, 47.24it/s]
Training Step:   69%|        | 69324/100000 [17:57<10:40, 47.89it/s]
Training Step:   69%|        | 69330/100000 [17:57<10:31, 48.56it/s]
Training Step:   69%|        | 69336/100000 [17:57<10:32, 48.50it/s]
Training Step:   69%|        | 69342/100000 [17:58<10:23, 49.18it/s]
Training Step:   69%|        | 69348/100000 [17:58<10:19, 49.50it/s]
Training Step:   69%|        | 69354/100000 [17:58<10:11, 50.11it/s]
Training Step:   69%|        | 69360/100000 [17:58<09:44, 52.38it/s]
Training Step:   69%|        | 69366/100000 [17:58<09:37, 53.02it/s]
Training Step:   69%|        | 69372/100000 [17:58<09:32, 53.47it/s]
Training Step:   69%|        | 69378/100000 [17:58<09:33, 53.42it/s]
Training Step:   69%|        | 69384/100000 [17:58<09:48, 52.00it/s]
Training Step:   69%|        | 69390/100000 [17:58<09:41, 52.67it/s]
Training Step:   69%|        | 69396/100000 [17:59<09:36, 53.08it/s]
Training Step:   69%|        | 69402/100000 [17:59<09:33, 53.37it/s]
Training Step:   69%|        | 69408/100000 [17:59<09:40, 52.72it/s]
Training Step:   69%|        | 69414/100000 [17:59<09:52, 51.61it/s]
Training Step:   69%|        | 69420/100000 [17:59<10:05, 50.47it/s]
Training Step:   69%|        | 69426/100000 [17:59<10:16, 49.58it/s]
Training Step:   69%|        | 69431/100000 [17:59<10:16, 49.56it/s]
Training Step:   69%|        | 69436/100000 [17:59<10:23, 49.01it/s]
Training Step:   69%|        | 69442/100000 [17:59<10:24, 48.94it/s]
Training Step:   69%|        | 69447/100000 [18:00<10:29, 48.57it/s]
```

```
Training Step:  69%|         | 69452/100000 [18:00<10:26,
48.77it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
out_of_road.

Training Step:  69%|         | 69457/100000 [18:00<12:46, 39.84it/s]
Training Step:  69%|         | 69464/100000 [18:00<10:48, 47.08it/s]
Training Step:  69%|         | 69471/100000 [18:00<09:36, 52.91it/s]
Training Step:  69%|         | 69478/100000 [18:00<09:02, 56.31it/s]
Training Step:  69%|         | 69484/100000 [18:00<09:01, 56.39it/s]
Training Step:  69%|         | 69490/100000 [18:00<08:55, 56.92it/s]
Training Step:  69%|         | 69496/100000 [18:00<08:55, 57.00it/s]
Training Step:  70%|         | 69502/100000 [18:01<08:54, 57.04it/s]
Training Step:  70%|         | 69508/100000 [18:01<08:58, 56.59it/s]
Training Step:  70%|         | 69514/100000 [18:01<08:50, 57.44it/s]
Training Step:  70%|         | 69520/100000 [18:01<08:46, 57.85it/s]
Training Step:  70%|         | 69526/100000 [18:01<08:42, 58.30it/s]
Training Step:  70%|         | 69532/100000 [18:01<08:39, 58.63it/s]
Training Step:  70%|         | 69538/100000 [18:01<08:43, 58.18it/s]
Training Step:  70%|         | 69544/100000 [18:01<08:50, 57.37it/s]
Training Step:  70%|         | 69550/100000 [18:01<08:59, 56.49it/s]
Training Step:  70%|         | 69556/100000 [18:02<09:07, 55.58it/s]
Training Step:  70%|         | 69562/100000 [18:02<09:32, 53.21it/s]
Training Step:  70%|         | 69568/100000 [18:02<09:35, 52.84it/s]
Training Step:  70%|         | 69574/100000 [18:02<09:17, 54.55it/s]
Training Step:  70%|         | 69580/100000 [18:02<09:20, 54.26it/s]
Training Step:  70%|         | 69586/100000 [18:02<09:55, 51.11it/s]
Training Step:  70%|         | 69592/100000 [18:02<10:18, 49.16it/s]
Training Step:  70%|         | 69597/100000 [18:02<10:35, 47.85it/s]
Training Step:  70%|         | 69602/100000 [18:02<11:01, 45.99it/s]
Training Step:  70%|         | 69607/100000 [18:03<10:57, 46.19it/s]
Training Step:  70%|         | 69612/100000 [18:03<11:04, 45.75it/s]
Training Step:  70%|         | 69618/100000 [18:03<10:50, 46.72it/s]
Training Step:  70%|         | 69623/100000 [18:03<10:38, 47.57it/s]
Training Step:  70%|         | 69628/100000 [18:03<10:59, 46.07it/s]
Training Step:  70%|         | 69633/100000 [18:03<10:58, 46.14it/s]
Training Step:  70%|         | 69638/100000 [18:03<11:17,
44.83it/s][INFO] Episode ended! Scenario Index: 1004 Reason: crash
vehicle

Training Step:  70%|         | 69643/100000 [18:03<12:52, 39.31it/s]
Training Step:  70%|         | 69650/100000 [18:04<11:14, 44.99it/s]
Training Step:  70%|         | 69658/100000 [18:04<09:35, 52.69it/s]
Training Step:  70%|         | 69666/100000 [18:04<08:45, 57.73it/s]
Training Step:  70%|         | 69672/100000 [18:04<08:49, 57.27it/s]
Training Step:  70%|         | 69679/100000 [18:04<08:31, 59.27it/s]
Training Step:  70%|         | 69686/100000 [18:04<08:33, 59.08it/s]
Training Step:  70%|         | 69692/100000 [18:04<08:33, 59.01it/s]
Training Step:  70%|         | 69698/100000 [18:04<08:42, 57.95it/s]
```

```
Training Step:  70%|        | 69704/100000 [18:04<08:40, 58.20it/s]
Training Step:  70%|        | 69710/100000 [18:05<08:44, 57.71it/s]
Training Step:  70%|        | 69716/100000 [18:05<08:43, 57.86it/s]
Training Step:  70%|        | 69722/100000 [18:05<08:44, 57.70it/s]
Training Step:  70%|        | 69729/100000 [18:05<08:33, 58.97it/s]
Training Step:  70%|        | 69735/100000 [18:05<08:41, 57.99it/s]
Training Step:  70%|        | 69742/100000 [18:05<08:38, 58.40it/s]
Training Step:  70%|        | 69748/100000 [18:05<08:34, 58.84it/s]
Training Step:  70%|        | 69755/100000 [18:05<08:24, 60.00it/s]
Training Step:  70%|        | 69762/100000 [18:05<08:24, 59.97it/s]
Training Step:  70%|        | 69769/100000 [18:06<08:13, 61.22it/s]
Training Step:  70%|        | 69776/100000 [18:06<08:15, 60.96it/s]
Training Step:  70%|        | 69783/100000 [18:06<08:03, 62.55it/s]
Training Step:  70%|        | 69790/100000 [18:06<08:06, 62.07it/s]
Training Step:  70%|        | 69797/100000 [18:06<08:04, 62.32it/s]
Training Step:  70%|        | 69804/100000 [18:06<08:04, 62.37it/s]
Training Step:  70%|        | 69811/100000 [18:06<08:07, 61.93it/s]
Training Step:  70%|        | 69818/100000 [18:06<08:48, 57.08it/s]
Training Step:  70%|        | 69824/100000 [18:06<08:58, 56.09it/s]
Training Step:  70%|        | 69830/100000 [18:07<08:55, 56.29it/s]
Training Step:  70%|        | 69836/100000 [18:07<08:51, 56.75it/s]
Training Step:  70%|        | 69842/100000 [18:07<09:01, 55.65it/s]
Training Step:  70%|        | 69848/100000 [18:07<09:15, 54.30it/s]
Training Step:  70%|        | 69854/100000 [18:07<09:15, 54.23it/s]
Training Step:  70%|        | 69860/100000 [18:07<09:05, 55.21it/s]
Training Step:  70%|        | 69866/100000 [18:07<09:04, 55.34it/s]
Training Step:  70%|        | 69872/100000 [18:07<09:03, 55.39it/s]
Training Step:  70%|        | 69879/100000 [18:07<08:48, 56.99it/s]
Training Step:  70%|        | 69885/100000 [18:08<08:53, 56.41it/s]
Training Step:  70%|        | 69891/100000 [18:08<08:59, 55.86it/s]
Training Step:  70%|        | 69898/100000 [18:08<08:47, 57.06it/s]
Training Step:  70%|        | 69905/100000 [18:08<08:25, 59.54it/s]
Training Step:  70%|        | 69912/100000 [18:08<08:20, 60.17it/s]
Training Step:  70%|        | 69919/100000 [18:08<08:19, 60.22it/s]
Training Step:  70%|        | 69926/100000 [18:08<08:20, 60.10it/s]
Training Step:  70%|        | 69933/100000 [18:08<08:15, 60.65it/s]
Training Step:  70%|        | 69940/100000 [18:08<08:08, 61.53it/s]
Training Step:  70%|        | 69947/100000 [18:09<07:59, 62.65it/s]
Training Step:  70%|        | 69954/100000 [18:09<08:13, 60.84it/s]
Training Step:  70%|        | 69961/100000 [18:09<08:11, 61.18it/s]
Training Step:  70%|        | 69968/100000 [18:09<08:17, 60.43it/s]
Training Step:  70%|        | 69975/100000 [18:09<08:28, 59.03it/s]
Training Step:  70%|        | 69981/100000 [18:09<08:37, 58.05it/s]
Training Step:  70%|        | 69988/100000 [18:09<08:32, 58.59it/s]
Training Step:  70%|        | 69994/100000 [18:09<08:34, 58.37it/s]
Training Step:  70%|        | 70000/100000 [18:09<08:52, 56.34it/s]
Training Step:  70%|        | 70007/100000 [18:10<08:34, 58.27it/s]
Training Step:  70%|        | 70014/100000 [18:10<08:20, 59.88it/s]
```

```
Training Step:   70%|           | 70021/100000 [18:10<07:58, 62.67it/s]
Training Step:   70%|           | 70028/100000 [18:10<07:50, 63.75it/s]
Training Step:   70%|           | 70036/100000 [18:10<07:31, 66.30it/s]
Training Step:   70%|           | 70044/100000 [18:10<07:18, 68.38it/s]
Training Step:   70%|           | 70051/100000 [18:10<07:16, 68.64it/s]
Training Step:   70%|           | 70059/100000 [18:10<06:56, 71.90it/s]
Training Step:   70%|           | 70067/100000 [18:10<06:44,
74.03it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
arrive_dest.

Training Step:   70%|           | 70075/100000 [18:11<08:12, 60.74it/s]
Training Step:   70%|           | 70082/100000 [18:11<08:04, 61.70it/s]
Training Step:   70%|           | 70090/100000 [18:11<07:46, 64.06it/s]
Training Step:   70%|           | 70097/100000 [18:11<08:15, 60.37it/s]
Training Step:   70%|           | 70104/100000 [18:11<08:41, 57.31it/s]
Training Step:   70%|           | 70110/100000 [18:11<08:54, 55.92it/s]
Training Step:   70%|           | 70116/100000 [18:11<09:02, 55.13it/s]
Training Step:   70%|           | 70122/100000 [18:11<09:10, 54.29it/s]
Training Step:   70%|           | 70128/100000 [18:12<09:13, 53.95it/s]
Training Step:   70%|           | 70134/100000 [18:12<09:17, 53.56it/s]
Training Step:   70%|           | 70140/100000 [18:12<09:17, 53.53it/s]
Training Step:   70%|           | 70146/100000 [18:12<09:08, 54.40it/s]
Training Step:   70%|           | 70152/100000 [18:12<09:18, 53.45it/s]
Training Step:   70%|           | 70158/100000 [18:12<09:31, 52.24it/s]
Training Step:   70%|           | 70164/100000 [18:12<09:43, 51.16it/s]
Training Step:   70%|           | 70170/100000 [18:12<10:10, 48.83it/s]
Training Step:   70%|           | 70176/100000 [18:13<09:50, 50.54it/s]
Training Step:   70%|           | 70182/100000 [18:13<09:43, 51.14it/s]
Training Step:   70%|           | 70188/100000 [18:13<09:18, 53.40it/s]
Training Step:   70%|           | 70194/100000 [18:13<09:13, 53.82it/s]
Training Step:   70%|           | 70200/100000 [18:13<08:58, 55.38it/s]
Training Step:   70%|           | 70206/100000 [18:13<08:54, 55.78it/s]
Training Step:   70%|           | 70212/100000 [18:13<09:07, 54.41it/s]
Training Step:   70%|           | 70218/100000 [18:13<09:09, 54.20it/s]
Training Step:   70%|           | 70224/100000 [18:13<09:11, 54.01it/s]
Training Step:   70%|           | 70230/100000 [18:13<09:08, 54.32it/s]
Training Step:   70%|           | 70236/100000 [18:14<09:16, 53.51it/s]
Training Step:   70%|           | 70242/100000 [18:14<09:21, 52.96it/s]
Training Step:   70%|           | 70248/100000 [18:14<09:12, 53.86it/s]
Training Step:   70%|           | 70254/100000 [18:14<09:15, 53.54it/s]
Training Step:   70%|           | 70260/100000 [18:14<09:11, 53.91it/s]
Training Step:   70%|           | 70266/100000 [18:14<08:57, 55.30it/s]
Training Step:   70%|           | 70272/100000 [18:14<08:50, 55.99it/s]
Training Step:   70%|           | 70278/100000 [18:14<08:49, 56.17it/s]
Training Step:   70%|           | 70284/100000 [18:14<08:45, 56.53it/s]
Training Step:   70%|           | 70291/100000 [18:15<08:32, 57.93it/s]
Training Step:   70%|           | 70297/100000 [18:15<08:33, 57.86it/s]
Training Step:   70%|           | 70303/100000 [18:15<08:33, 57.81it/s]
```

```
Training Step:  70%|        | 70309/100000 [18:15<08:39, 57.13it/s]
Training Step:  70%|        | 70315/100000 [18:15<08:34, 57.70it/s]
Training Step:  70%|        | 70321/100000 [18:15<08:41, 56.88it/s]
Training Step:  70%|        | 70327/100000 [18:15<08:46, 56.32it/s]
Training Step:  70%|        | 70333/100000 [18:15<08:42, 56.73it/s]
Training Step:  70%|        | 70339/100000 [18:15<08:54, 55.48it/s]
Training Step:  70%|        | 70345/100000 [18:16<08:51, 55.79it/s]
Training Step:  70%|        | 70351/100000 [18:16<08:43, 56.67it/s]
Training Step:  70%|        | 70357/100000 [18:16<08:41, 56.81it/s]
Training Step:  70%|        | 70363/100000 [18:16<08:39, 57.07it/s]
Training Step:  70%|        | 70369/100000 [18:16<08:53, 55.51it/s]
Training Step:  70%|        | 70375/100000 [18:16<09:11, 53.73it/s]
Training Step:  70%|        | 70381/100000 [18:16<09:17, 53.11it/s]
Training Step:  70%|        | 70387/100000 [18:16<09:08, 53.97it/s]
Training Step:  70%|        | 70393/100000 [18:16<08:59, 54.83it/s]
Training Step:  70%|        | 70399/100000 [18:17<08:56, 55.14it/s]
Training Step:  70%|        | 70405/100000 [18:17<08:57, 55.07it/s]
Training Step:  70%|        | 70411/100000 [18:17<08:55, 55.27it/s]
Training Step:  70%|        | 70417/100000 [18:17<08:58, 54.97it/s]
Training Step:  70%|        | 70423/100000 [18:17<09:19, 52.82it/s]
Training Step:  70%|        | 70429/100000 [18:17<09:46, 50.40it/s]
Training Step:  70%|        | 70435/100000 [18:17<09:56, 49.53it/s]
Training Step:  70%|        | 70441/100000 [18:17<09:49, 50.18it/s]
Training Step:  70%|        | 70447/100000 [18:17<09:46, 50.38it/s]
Training Step:  70%|        | 70453/100000 [18:18<09:55, 49.64it/s]
Training Step:  70%|        | 70458/100000 [18:18<09:56, 49.49it/s]
Training Step:  70%|        | 70464/100000 [18:18<09:49, 50.07it/s]
Training Step:  70%|        | 70470/100000 [18:18<09:42, 50.68it/s]
Training Step:  70%|        | 70476/100000 [18:18<09:50, 50.02it/s]
Training Step:  70%|        | 70482/100000 [18:18<09:38, 51.05it/s]
Training Step:  70%|        | 70488/100000 [18:18<09:37, 51.12it/s]
Training Step:  70%|        | 70494/100000 [18:18<09:44, 50.51it/s]
Training Step:  70%|        | 70500/100000 [18:19<09:39, 50.87it/s]
Training Step:  71%|        | 70506/100000 [18:19<09:45, 50.35it/s]
Training Step:  71%|        | 70512/100000 [18:19<09:52, 49.74it/s]
Training Step:  71%|        | 70518/100000 [18:19<09:53, 49.64it/s]
Training Step:  71%|        | 70524/100000 [18:19<09:48, 50.07it/s]
Training Step:  71%|        | 70530/100000 [18:19<09:45, 50.30it/s]
Training Step:  71%|        | 70536/100000 [18:19<09:52, 49.71it/s]
Training Step:  71%|        | 70542/100000 [18:19<09:45, 50.28it/s]
Training Step:  71%|        | 70548/100000 [18:19<09:42, 50.53it/s]
Training Step:  71%|        | 70554/100000 [18:20<09:32, 51.46it/s]
Training Step:  71%|        | 70560/100000 [18:20<09:33, 51.35it/s]
Training Step:  71%|        | 70566/100000 [18:20<09:38, 50.90it/s]
Training Step:  71%|        | 70572/100000 [18:20<09:52, 49.68it/s]
Training Step:  71%|        | 70577/100000 [18:20<09:54, 49.50it/s]
Training Step:  71%|        | 70582/100000 [18:20<10:31, 46.55it/s]
Training Step:  71%|        | 70587/100000 [18:20<10:54, 44.97it/s]
```

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```
Training Step:   71%|        | 70592/100000 [18:20<11:33, 42.38it/s]
Training Step:   71%|        | 70597/100000 [18:21<11:37, 42.17it/s]
Training Step:   71%|        | 70602/100000 [18:21<11:50, 41.37it/s]
Training Step:   71%|        | 70607/100000 [18:21<11:57, 40.96it/s]
Training Step:   71%|        | 70612/100000 [18:21<12:08, 40.32it/s]
Training Step:   71%|        | 70617/100000 [18:21<12:05, 40.52it/s]
Training Step:   71%|        | 70622/100000 [18:21<12:09, 40.27it/s]
Training Step:   71%|        | 70627/100000 [18:21<11:43, 41.77it/s]
Training Step:   71%|        | 70632/100000 [18:21<11:31, 42.44it/s]
Training Step:   71%|        | 70637/100000 [18:22<11:23, 42.97it/s]
Training Step:   71%|        | 70642/100000 [18:22<11:27, 42.68it/s]
Training Step:   71%|        | 70647/100000 [18:22<11:14, 43.50it/s]
Training Step:   71%|        | 70652/100000 [18:22<11:11, 43.71it/s]
Training Step:   71%|        | 70657/100000 [18:22<10:59, 44.51it/s]
Training Step:   71%|        | 70662/100000 [18:22<11:09, 43.82it/s]
Training Step:   71%|        | 70667/100000 [18:22<11:01, 44.34it/s]
Training Step:   71%|        | 70672/100000 [18:22<11:25, 42.80it/s]
Training Step:   71%|        | 70677/100000 [18:22<11:19, 43.18it/s]
Training Step:   71%|        | 70682/100000 [18:23<11:06, 43.96it/s]
Training Step:   71%|        | 70688/100000 [18:23<10:47, 45.30it/s]
Training Step:   71%|        | 70693/100000 [18:23<10:37, 45.94it/s]
Training Step:   71%|        | 70698/100000 [18:23<10:38, 45.92it/s]
Training Step:   71%|        | 70704/100000 [18:23<10:20, 47.20it/s]
Training Step:   71%|        | 70710/100000 [18:23<10:10, 47.95it/s]
Training Step:   71%|        | 70716/100000 [18:23<09:51, 49.48it/s]
Training Step:   71%|        | 70722/100000 [18:23<09:43, 50.16it/s]
Training Step:   71%|        | 70728/100000 [18:23<09:26, 51.69it/s]
Training Step:   71%|        | 70734/100000 [18:24<09:07, 53.49it/s]
Training Step:   71%|        | 70740/100000 [18:24<09:08, 53.37it/s]
Training Step:   71%|        | 70746/100000 [18:24<08:49, 55.22it/s]
Training Step:   71%|        | 70752/100000 [18:24<08:41, 56.10it/s]
Training Step:   71%|        | 70759/100000 [18:24<08:16, 58.91it/s]
Training Step:   71%|        | 70766/100000 [18:24<08:13, 59.23it/s]
Training Step:   71%|        | 70772/100000 [18:24<08:13, 59.21it/s]
Training Step:   71%|        | 70778/100000 [18:24<08:13, 59.16it/s]
Training Step:   71%|        | 70784/100000 [18:24<08:13, 59.25it/s]
Training Step:   71%|        | 70792/100000 [18:25<07:46, 62.61it/s]
Training Step:   71%|        | 70800/100000 [18:25<07:23, 65.78it/s]
Training Step:   71%|        | 70808/100000 [18:25<07:09, 67.90it/s]
Training Step:   71%|        | 70816/100000 [18:25<07:09, 67.87it/s]
Training Step:   71%|        | 70823/100000 [18:25<07:08, 68.08it/s]
Training Step:   71%|        | 70830/100000 [18:25<07:06, 68.43it/s]
Training Step:   71%|        | 70839/100000 [18:25<06:37, 73.42it/s]
Training Step:   71%|        | 70848/100000 [18:25<06:21, 76.44it/s]
Training Step:   71%|        | 70856/100000 [18:25<06:16, 77.45it/s]
Training Step:   71%|        | 70865/100000 [18:25<06:05, 79.71it/s]
Training Step:   71%|        | 70874/100000 [18:26<06:07,
79.25it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
```

arrive_dest.

```
Training Step:  71%|        | 70882/100000 [18:26<07:26, 65.27it/s]
Training Step:  71%|        | 70890/100000 [18:26<07:13, 67.12it/s]
Training Step:  71%|        | 70898/100000 [18:26<07:08, 67.99it/s]
Training Step:  71%|        | 70906/100000 [18:26<07:10, 67.59it/s]
Training Step:  71%|        | 70913/100000 [18:26<07:11, 67.34it/s]
Training Step:  71%|        | 70920/100000 [18:26<07:13, 67.15it/s]
Training Step:  71%|        | 70928/100000 [18:26<07:05, 68.25it/s]
Training Step:  71%|        | 70936/100000 [18:27<07:01, 68.96it/s]
Training Step:  71%|        | 70944/100000 [18:27<06:49, 71.00it/s]
Training Step:  71%|        | 70952/100000 [18:27<06:44, 71.87it/s]
Training Step:  71%|        | 70960/100000 [18:27<06:49, 70.91it/s]
Training Step:  71%|        | 70968/100000 [18:27<06:55, 69.81it/s]
Training Step:  71%|        | 70976/100000 [18:27<07:14, 66.76it/s]
Training Step:  71%|        | 70983/100000 [18:27<07:44, 62.49it/s]
Training Step:  71%|        | 70990/100000 [18:27<07:58, 60.67it/s]
Training Step:  71%|        | 70997/100000 [18:28<08:03, 59.96it/s]
Training Step:  71%|        | 71004/100000 [18:28<08:05, 59.77it/s]
Training Step:  71%|        | 71010/100000 [18:28<08:18, 58.15it/s]
Training Step:  71%|        | 71016/100000 [18:28<09:13, 52.37it/s]
Training Step:  71%|        | 71022/100000 [18:28<09:23, 51.43it/s]
Training Step:  71%|        | 71028/100000 [18:28<09:30, 50.77it/s]
Training Step:  71%|        | 71034/100000 [18:28<09:13, 52.33it/s]
Training Step:  71%|        | 71040/100000 [18:28<09:35, 50.36it/s]
Training Step:  71%|        | 71046/100000 [18:28<09:30, 50.75it/s]
Training Step:  71%|        | 71052/100000 [18:29<09:24, 51.30it/s]
Training Step:  71%|        | 71058/100000 [18:29<09:22, 51.42it/s]
Training Step:  71%|        | 71064/100000 [18:29<09:06, 52.93it/s]
Training Step:  71%|        | 71070/100000 [18:29<08:53, 54.19it/s]
Training Step:  71%|        | 71076/100000 [18:29<08:49, 54.59it/s]
Training Step:  71%|        | 71082/100000 [18:29<08:36, 56.03it/s]
Training Step:  71%|        | 71088/100000 [18:29<08:31, 56.52it/s]
Training Step:  71%|        | 71094/100000 [18:29<08:32, 56.38it/s]
Training Step:  71%|        | 71100/100000 [18:29<08:26, 57.09it/s]
Training Step:  71%|        | 71107/100000 [18:30<08:14, 58.38it/s]
Training Step:  71%|        | 71113/100000 [18:30<08:13, 58.50it/s]
Training Step:  71%|        | 71119/100000 [18:30<08:13, 58.55it/s]
Training Step:  71%|        | 71126/100000 [18:30<08:08, 59.08it/s]
Training Step:  71%|        | 71132/100000 [18:30<08:07, 59.17it/s]
Training Step:  71%|        | 71138/100000 [18:30<08:07, 59.24it/s]
Training Step:  71%|        | 71145/100000 [18:30<08:00, 60.10it/s]
Training Step:  71%|        | 71152/100000 [18:30<08:05, 59.36it/s]
Training Step:  71%|        | 71158/100000 [18:30<08:09, 58.89it/s]
Training Step:  71%|        | 71164/100000 [18:31<08:15, 58.22it/s]
Training Step:  71%|        | 71170/100000 [18:31<08:27, 56.84it/s]
Training Step:  71%|        | 71176/100000 [18:31<08:37, 55.69it/s]
Training Step:  71%|        | 71182/100000 [18:31<08:34, 55.98it/s]
```

```
Training Step:  71%|        | 71188/100000 [18:31<08:40, 55.36it/s]
Training Step:  71%|        | 71194/100000 [18:31<08:34, 55.94it/s]
Training Step:  71%|        | 71200/100000 [18:31<08:31, 56.31it/s]
Training Step:  71%|        | 71206/100000 [18:31<08:24, 57.08it/s]
Training Step:  71%|        | 71212/100000 [18:31<08:21, 57.42it/s]
Training Step:  71%|        | 71219/100000 [18:31<08:04, 59.46it/s]
Training Step:  71%|        | 71226/100000 [18:32<08:05, 59.21it/s]
Training Step:  71%|        | 71233/100000 [18:32<07:54, 60.57it/s]
Training Step:  71%|        | 71240/100000 [18:32<07:48, 61.34it/s]
Training Step:  71%|        | 71247/100000 [18:32<07:33, 63.42it/s]
Training Step:  71%|        | 71254/100000 [18:32<07:33, 63.41it/s]
Training Step:  71%|        | 71262/100000 [18:32<07:22,
64.98it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:  71%|        | 71270/100000 [18:32<08:36, 55.58it/s]
Training Step:  71%|        | 71277/100000 [18:32<08:15, 57.92it/s]
Training Step:  71%|        | 71284/100000 [18:33<07:59, 59.88it/s]
Training Step:  71%|        | 71291/100000 [18:33<07:42, 62.02it/s]
Training Step:  71%|        | 71298/100000 [18:33<08:17, 57.73it/s]
Training Step:  71%|        | 71304/100000 [18:33<08:31, 56.13it/s]
Training Step:  71%|        | 71310/100000 [18:33<08:41, 54.98it/s]
Training Step:  71%|        | 71316/100000 [18:33<09:00, 53.08it/s]
Training Step:  71%|        | 71322/100000 [18:33<08:54, 53.68it/s]
Training Step:  71%|        | 71328/100000 [18:33<09:01, 52.99it/s]
Training Step:  71%|        | 71334/100000 [18:33<08:56, 53.44it/s]
Training Step:  71%|        | 71340/100000 [18:34<09:02, 52.81it/s]
Training Step:  71%|        | 71346/100000 [18:34<09:14, 51.71it/s]
Training Step:  71%|        | 71352/100000 [18:34<09:08, 52.21it/s]
Training Step:  71%|        | 71358/100000 [18:34<09:08, 52.19it/s]
Training Step:  71%|        | 71364/100000 [18:34<09:09, 52.13it/s]
Training Step:  71%|        | 71370/100000 [18:34<09:03, 52.65it/s]
Training Step:  71%|        | 71376/100000 [18:34<08:55, 53.49it/s]
Training Step:  71%|        | 71382/100000 [18:34<08:45, 54.51it/s]
Training Step:  71%|        | 71388/100000 [18:35<08:33, 55.74it/s]
Training Step:  71%|        | 71394/100000 [18:35<08:33, 55.75it/s]
Training Step:  71%|        | 71400/100000 [18:35<08:37, 55.32it/s]
Training Step:  71%|        | 71406/100000 [18:35<08:31, 55.85it/s]
Training Step:  71%|        | 71412/100000 [18:35<08:38, 55.15it/s]
Training Step:  71%|        | 71418/100000 [18:35<08:55, 53.35it/s]
Training Step:  71%|        | 71424/100000 [18:35<09:30, 50.07it/s]
Training Step:  71%|        | 71430/100000 [18:35<10:03, 47.36it/s]
Training Step:  71%|        | 71435/100000 [18:35<10:07, 47.05it/s]
Training Step:  71%|        | 71440/100000 [18:36<10:18, 46.18it/s]
Training Step:  71%|        | 71445/100000 [18:36<10:19, 46.10it/s]
Training Step:  71%|        | 71450/100000 [18:36<10:26, 45.55it/s]
Training Step:  71%|        | 71455/100000 [18:36<10:12, 46.63it/s]
Training Step:  71%|        | 71460/100000 [18:36<10:21, 45.91it/s]
```

```
Training Step:  71%|        | 71465/100000 [18:36<10:27, 45.46it/s]
Training Step:  71%|        | 71470/100000 [18:36<10:47, 44.06it/s]
Training Step:  71%|        | 71475/100000 [18:36<10:51, 43.77it/s]
Training Step:  71%|        | 71480/100000 [18:36<10:47, 44.04it/s]
Training Step:  71%|        | 71485/100000 [18:37<10:41, 44.45it/s]
Training Step:  71%|        | 71490/100000 [18:37<10:42, 44.39it/s]
Training Step:  71%|        | 71495/100000 [18:37<10:32, 45.07it/s]
Training Step:  72%|        | 71500/100000 [18:37<10:54, 43.53it/s]
Training Step:  72%|        | 71505/100000 [18:37<10:56, 43.40it/s]
Training Step:  72%|        | 71510/100000 [18:37<10:57, 43.31it/s]
Training Step:  72%|        | 71515/100000 [18:37<11:00, 43.14it/s]
Training Step:  72%|        | 71520/100000 [18:37<11:06, 42.71it/s]
Training Step:  72%|        | 71525/100000 [18:37<11:01, 43.02it/s]
Training Step:  72%|        | 71530/100000 [18:38<11:12, 42.35it/s]
Training Step:  72%|        | 71535/100000 [18:38<10:53, 43.58it/s]
Training Step:  72%|        | 71540/100000 [18:38<10:58, 43.21it/s]
Training Step:  72%|        | 71545/100000 [18:38<10:46, 43.99it/s]
Training Step:  72%|        | 71550/100000 [18:38<10:48, 43.86it/s]
Training Step:  72%|        | 71555/100000 [18:38<10:38, 44.53it/s]
Training Step:  72%|        | 71560/100000 [18:38<10:37, 44.61it/s]
Training Step:  72%|        | 71565/100000 [18:38<10:28, 45.22it/s]
Training Step:  72%|        | 71570/100000 [18:39<10:33, 44.87it/s]
Training Step:  72%|        | 71575/100000 [18:39<10:29, 45.16it/s]
Training Step:  72%|        | 71580/100000 [18:39<10:32, 44.95it/s]
Training Step:  72%|        | 71585/100000 [18:39<10:43, 44.15it/s]
Training Step:  72%|        | 71590/100000 [18:39<10:38, 44.50it/s]
Training Step:  72%|        | 71595/100000 [18:39<11:01, 42.95it/s]
Training Step:  72%|        | 71600/100000 [18:39<11:02, 42.88it/s]
Training Step:  72%|        | 71605/100000 [18:39<10:56, 43.28it/s]
Training Step:  72%|        | 71610/100000 [18:39<10:43, 44.15it/s]
Training Step:  72%|        | 71615/100000 [18:40<10:34, 44.74it/s]
Training Step:  72%|        | 71620/100000 [18:40<10:39, 44.37it/s]
Training Step:  72%|        | 71625/100000 [18:40<10:31, 44.94it/s]
Training Step:  72%|        | 71630/100000 [18:40<10:37, 44.49it/s]
Training Step:  72%|        | 71635/100000 [18:40<10:27, 45.18it/s]
Training Step:  72%|        | 71640/100000 [18:40<10:29, 45.03it/s]
Training Step:  72%|        | 71645/100000 [18:40<10:29, 45.03it/s]
Training Step:  72%|        | 71650/100000 [18:40<10:33, 44.74it/s]
Training Step:  72%|        | 71655/100000 [18:40<10:34, 44.67it/s]
Training Step:  72%|        | 71660/100000 [18:41<10:42,
44.12it/s][INFO] Episode ended! Scenario Index: 1003 Reason: crash
vehicle

Training Step:  72%|        | 71665/100000 [18:41<12:35, 37.53it/s]
Training Step:  72%|        | 71672/100000 [18:41<10:31, 44.83it/s]
Training Step:  72%|        | 71680/100000 [18:41<09:03, 52.11it/s]
Training Step:  72%|        | 71688/100000 [18:41<08:05, 58.31it/s]
Training Step:  72%|        | 71695/100000 [18:41<07:46, 60.69it/s]
```

```
Training Step:  72%|        | 71702/100000 [18:41<07:33, 62.36it/s]
Training Step:  72%|        | 71710/100000 [18:41<07:20, 64.21it/s]
Training Step:  72%|        | 71717/100000 [18:41<07:17, 64.58it/s]
Training Step:  72%|        | 71724/100000 [18:42<07:17, 64.60it/s]
Training Step:  72%|        | 71731/100000 [18:42<07:14, 65.02it/s]
Training Step:  72%|        | 71738/100000 [18:42<07:16, 64.73it/s]
Training Step:  72%|        | 71745/100000 [18:42<07:14, 65.05it/s]
Training Step:  72%|        | 71752/100000 [18:42<07:42, 61.09it/s]
Training Step:  72%|        | 71759/100000 [18:42<08:15, 56.98it/s]
Training Step:  72%|        | 71765/100000 [18:42<08:46, 53.61it/s]
Training Step:  72%|        | 71771/100000 [18:42<08:49, 53.36it/s]
Training Step:  72%|        | 71777/100000 [18:43<08:48, 53.42it/s]
Training Step:  72%|        | 71783/100000 [18:43<08:38, 54.44it/s]
Training Step:  72%|        | 71789/100000 [18:43<08:40, 54.19it/s]
Training Step:  72%|        | 71795/100000 [18:43<08:39, 54.29it/s]
Training Step:  72%|        | 71801/100000 [18:43<08:37, 54.51it/s]
Training Step:  72%|        | 71807/100000 [18:43<08:27, 55.57it/s]
Training Step:  72%|        | 71813/100000 [18:43<08:24, 55.87it/s]
Training Step:  72%|        | 71819/100000 [18:43<08:33, 54.86it/s]
Training Step:  72%|        | 71825/100000 [18:43<08:40, 54.18it/s]
Training Step:  72%|        | 71831/100000 [18:44<08:50, 53.14it/s]
Training Step:  72%|        | 71837/100000 [18:44<08:54, 52.70it/s]
Training Step:  72%|        | 71843/100000 [18:44<08:54, 52.68it/s]
Training Step:  72%|        | 71849/100000 [18:44<08:46, 53.51it/s]
Training Step:  72%|        | 71855/100000 [18:44<08:54, 52.68it/s]
Training Step:  72%|        | 71861/100000 [18:44<09:26, 49.66it/s]
Training Step:  72%|        | 71867/100000 [18:44<09:28, 49.49it/s]
Training Step:  72%|        | 71872/100000 [18:44<09:32, 49.16it/s]
Training Step:  72%|        | 71878/100000 [18:44<09:19, 50.27it/s]
Training Step:  72%|        | 71884/100000 [18:45<09:02, 51.81it/s]
Training Step:  72%|        | 71890/100000 [18:45<08:57, 52.34it/s]
Training Step:  72%|        | 71896/100000 [18:45<08:54, 52.56it/s]
Training Step:  72%|        | 71902/100000 [18:45<08:57, 52.31it/s]
Training Step:  72%|        | 71909/100000 [18:45<08:24, 55.63it/s]
Training Step:  72%|        | 71916/100000 [18:45<08:04, 57.99it/s]
Training Step:  72%|        | 71924/100000 [18:45<07:37, 61.37it/s]
Training Step:  72%|        | 71931/100000 [18:45<07:20, 63.74it/s]
Training Step:  72%|        | 71938/100000 [18:45<07:14, 64.59it/s]
Training Step:  72%|        | 71946/100000 [18:46<06:57, 67.14it/s]
Training Step:  72%|        | 71954/100000 [18:46<06:43, 69.43it/s]
Training Step:  72%|        | 71962/100000 [18:46<06:32, 71.42it/s]
Training Step:  72%|        | 71970/100000 [18:46<06:25, 72.69it/s]
Training Step:  72%|        | 71978/100000 [18:46<06:22,
73.26it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
arrive_dest.

Training Step:  72%|        | 71986/100000 [18:46<07:36, 61.32it/s]
Training Step:  72%|        | 71994/100000 [18:46<07:22, 63.35it/s]
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Training Step:  72%|          | 72001/100000 [18:46<07:19, 63.67it/s]
Training Step:  72%|          | 72008/100000 [18:46<07:16, 64.10it/s]
Training Step:  72%|          | 72015/100000 [18:47<07:11, 64.81it/s]
Training Step:  72%|          | 72022/100000 [18:47<07:18, 63.73it/s]
Training Step:  72%|          | 72029/100000 [18:47<07:08, 65.22it/s]
Training Step:  72%|          | 72036/100000 [18:47<07:14, 64.32it/s]
Training Step:  72%|          | 72043/100000 [18:47<07:11, 64.82it/s]
Training Step:  72%|          | 72050/100000 [18:47<07:10, 65.00it/s]
Training Step:  72%|          | 72057/100000 [18:47<07:16, 64.06it/s]
Training Step:  72%|          | 72064/100000 [18:47<07:30, 62.07it/s]
Training Step:  72%|          | 72071/100000 [18:47<07:31, 61.87it/s]
Training Step:  72%|          | 72078/100000 [18:48<07:51, 59.22it/s]
Training Step:  72%|          | 72084/100000 [18:48<07:51, 59.21it/s]
Training Step:  72%|          | 72090/100000 [18:48<07:58, 58.36it/s]
Training Step:  72%|          | 72096/100000 [18:48<08:05, 57.50it/s]
Training Step:  72%|          | 72102/100000 [18:48<08:10, 56.87it/s]
Training Step:  72%|          | 72108/100000 [18:48<08:13, 56.54it/s]
Training Step:  72%|          | 72114/100000 [18:48<08:19, 55.79it/s]
Training Step:  72%|          | 72120/100000 [18:48<08:34, 54.23it/s]
Training Step:  72%|          | 72126/100000 [18:48<08:40, 53.51it/s]
Training Step:  72%|          | 72132/100000 [18:49<08:52, 52.32it/s]
Training Step:  72%|          | 72138/100000 [18:49<09:00, 51.58it/s]
Training Step:  72%|          | 72144/100000 [18:49<09:10, 50.58it/s]
Training Step:  72%|          | 72150/100000 [18:49<09:09, 50.72it/s]
Training Step:  72%|          | 72156/100000 [18:49<09:05, 51.03it/s]
Training Step:  72%|          | 72162/100000 [18:49<08:57, 51.79it/s]
Training Step:  72%|          | 72168/100000 [18:49<09:10, 50.53it/s]
Training Step:  72%|          | 72174/100000 [18:49<09:10, 50.56it/s]
Training Step:  72%|          | 72180/100000 [18:50<09:14, 50.13it/s]
Training Step:  72%|          | 72186/100000 [18:50<09:24, 49.31it/s]
Training Step:  72%|          | 72192/100000 [18:50<09:21, 49.55it/s]
Training Step:  72%|          | 72198/100000 [18:50<09:16, 49.93it/s]
Training Step:  72%|          | 72203/100000 [18:50<09:22, 49.43it/s]
Training Step:  72%|          | 72209/100000 [18:50<09:12, 50.31it/s]
Training Step:  72%|          | 72215/100000 [18:50<09:01, 51.30it/s]
Training Step:  72%|          | 72221/100000 [18:50<09:01, 51.29it/s]
Training Step:  72%|          | 72227/100000 [18:51<09:00, 51.35it/s]
Training Step:  72%|          | 72233/100000 [18:51<08:59, 51.48it/s]
Training Step:  72%|          | 72239/100000 [18:51<08:55, 51.80it/s]
Training Step:  72%|          | 72245/100000 [18:51<08:53, 51.98it/s]
Training Step:  72%|          | 72251/100000 [18:51<08:42, 53.07it/s]
Training Step:  72%|          | 72257/100000 [18:51<08:51, 52.24it/s]
Training Step:  72%|          | 72263/100000 [18:51<08:52, 52.09it/s]
Training Step:  72%|          | 72269/100000 [18:51<08:59, 51.44it/s]
Training Step:  72%|          | 72275/100000 [18:51<09:23, 49.19it/s]
Training Step:  72%|          | 72280/100000 [18:52<09:37, 47.96it/s]
Training Step:  72%|          | 72285/100000 [18:52<09:43, 47.47it/s]
Training Step:  72%|          | 72290/100000 [18:52<09:49, 47.03it/s]
```

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Training Step:  72%|         | 72295/100000 [18:52<09:51, 46.82it/s]
Training Step:  72%|         | 72300/100000 [18:52<10:03, 45.90it/s]
Training Step:  72%|         | 72305/100000 [18:52<09:52, 46.76it/s]
Training Step:  72%|         | 72310/100000 [18:52<10:08, 45.52it/s]
Training Step:  72%|         | 72315/100000 [18:52<10:41, 43.17it/s]
Training Step:  72%|         | 72320/100000 [18:52<10:48, 42.70it/s]
Training Step:  72%|         | 72325/100000 [18:53<10:37, 43.43it/s]
Training Step:  72%|         | 72330/100000 [18:53<10:46, 42.78it/s]
Training Step:  72%|         | 72335/100000 [18:53<10:48, 42.69it/s]
Training Step:  72%|         | 72340/100000 [18:53<11:11, 41.17it/s]
Training Step:  72%|         | 72345/100000 [18:53<11:11, 41.16it/s]
Training Step:  72%|         | 72350/100000 [18:53<11:16, 40.90it/s]
Training Step:  72%|         | 72355/100000 [18:53<11:03, 41.69it/s]
Training Step:  72%|         | 72360/100000 [18:53<11:00, 41.88it/s]
Training Step:  72%|         | 72365/100000 [18:54<10:41, 43.11it/s]
Training Step:  72%|         | 72370/100000 [18:54<10:42, 43.03it/s]
Training Step:  72%|         | 72375/100000 [18:54<10:18, 44.67it/s]
Training Step:  72%|         | 72380/100000 [18:54<10:11, 45.14it/s]
Training Step:  72%|         | 72386/100000 [18:54<09:46, 47.06it/s]
Training Step:  72%|         | 72392/100000 [18:54<09:33, 48.17it/s]
Training Step:  72%|         | 72398/100000 [18:54<09:20, 49.29it/s]
Training Step:  72%|         | 72404/100000 [18:54<09:07, 50.44it/s]
Training Step:  72%|         | 72410/100000 [18:54<09:03, 50.73it/s]
Training Step:  72%|         | 72416/100000 [18:55<08:59, 51.09it/s]
Training Step:  72%|         | 72422/100000 [18:55<09:07, 50.36it/s]
Training Step:  72%|         | 72428/100000 [18:55<09:07, 50.39it/s]
Training Step:  72%|         | 72434/100000 [18:55<09:06, 50.48it/s]
Training Step:  72%|         | 72440/100000 [18:55<08:50, 51.98it/s]
Training Step:  72%|         | 72446/100000 [18:55<08:31, 53.89it/s]
Training Step:  72%|         | 72452/100000 [18:55<08:29, 54.10it/s]
Training Step:  72%|         | 72458/100000 [18:55<08:27,
54.26it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
arrive_dest.

Training Step:  72%|         | 72464/100000 [18:56<10:27, 43.85it/s]
Training Step:  72%|         | 72472/100000 [18:56<08:55, 51.44it/s]
Training Step:  72%|         | 72480/100000 [18:56<08:08, 56.39it/s]
Training Step:  72%|         | 72487/100000 [18:56<07:40, 59.74it/s]
Training Step:  72%|         | 72494/100000 [18:56<07:41, 59.60it/s]
Training Step:  73%|         | 72501/100000 [18:56<07:36, 60.19it/s]
Training Step:  73%|         | 72508/100000 [18:56<07:38, 60.01it/s]
Training Step:  73%|         | 72515/100000 [18:56<07:33, 60.57it/s]
Training Step:  73%|         | 72522/100000 [18:56<07:34, 60.52it/s]
Training Step:  73%|         | 72529/100000 [18:57<07:35, 60.26it/s]
Training Step:  73%|         | 72536/100000 [18:57<07:44, 59.06it/s]
Training Step:  73%|         | 72542/100000 [18:57<07:47, 58.69it/s]
Training Step:  73%|         | 72549/100000 [18:57<08:02, 56.84it/s]
Training Step:  73%|         | 72555/100000 [18:57<08:09, 56.11it/s]
```

```
Training Step:   73%|        | 72561/100000 [18:57<08:06, 56.36it/s]
Training Step:   73%|        | 72567/100000 [18:57<08:08, 56.13it/s]
Training Step:   73%|        | 72573/100000 [18:57<08:03, 56.73it/s]
Training Step:   73%|        | 72579/100000 [18:57<08:09, 56.07it/s]
Training Step:   73%|        | 72585/100000 [18:58<08:12, 55.61it/s]
Training Step:   73%|        | 72591/100000 [18:58<08:27, 54.03it/s]
Training Step:   73%|        | 72597/100000 [18:58<08:35, 53.18it/s]
Training Step:   73%|        | 72603/100000 [18:58<08:43, 52.34it/s]
Training Step:   73%|        | 72609/100000 [18:58<08:53, 51.39it/s]
Training Step:   73%|        | 72615/100000 [18:58<08:50, 51.60it/s]
Training Step:   73%|        | 72621/100000 [18:58<09:01, 50.59it/s]
Training Step:   73%|        | 72627/100000 [18:58<09:31, 47.88it/s]
Training Step:   73%|        | 72632/100000 [18:59<09:27, 48.22it/s]
Training Step:   73%|        | 72638/100000 [18:59<09:25, 48.37it/s]
Training Step:   73%|        | 72643/100000 [18:59<09:21, 48.68it/s]
Training Step:   73%|        | 72648/100000 [18:59<09:20,
48.78it/s][INFO] Episode ended! Scenario Index: 1004 Reason: crash
vehicle

Training Step:   73%|        | 72653/100000 [18:59<10:51, 41.97it/s]
Training Step:   73%|        | 72660/100000 [18:59<09:20, 48.77it/s]
Training Step:   73%|        | 72668/100000 [18:59<07:59, 56.98it/s]
Training Step:   73%|        | 72676/100000 [18:59<07:30, 60.59it/s]
Training Step:   73%|        | 72683/100000 [18:59<07:25, 61.32it/s]
Training Step:   73%|        | 72690/100000 [19:00<07:25, 61.29it/s]
Training Step:   73%|        | 72697/100000 [19:00<07:20, 61.98it/s]
Training Step:   73%|        | 72704/100000 [19:00<07:30, 60.59it/s]
Training Step:   73%|        | 72711/100000 [19:00<07:22, 61.64it/s]
Training Step:   73%|        | 72718/100000 [19:00<07:28, 60.77it/s]
Training Step:   73%|        | 72725/100000 [19:00<07:21, 61.76it/s]
Training Step:   73%|        | 72732/100000 [19:00<07:26, 61.03it/s]
Training Step:   73%|        | 72739/100000 [19:00<07:22, 61.65it/s]
Training Step:   73%|        | 72746/100000 [19:00<07:22, 61.54it/s]
Training Step:   73%|        | 72753/100000 [19:01<07:21, 61.74it/s]
Training Step:   73%|        | 72760/100000 [19:01<07:31, 60.37it/s]
Training Step:   73%|        | 72767/100000 [19:01<07:23, 61.35it/s]
Training Step:   73%|        | 72774/100000 [19:01<07:33, 60.10it/s]
Training Step:   73%|        | 72781/100000 [19:01<07:44, 58.66it/s]
Training Step:   73%|        | 72787/100000 [19:01<07:55, 57.20it/s]
Training Step:   73%|        | 72793/100000 [19:01<07:59, 56.73it/s]
Training Step:   73%|        | 72799/100000 [19:01<08:22, 54.08it/s]
Training Step:   73%|        | 72805/100000 [19:02<08:25, 53.80it/s]
Training Step:   73%|        | 72811/100000 [19:02<08:16, 54.73it/s]
Training Step:   73%|        | 72817/100000 [19:02<08:21, 54.24it/s]
Training Step:   73%|        | 72823/100000 [19:02<08:24, 53.84it/s]
Training Step:   73%|        | 72829/100000 [19:02<08:37, 52.51it/s]
Training Step:   73%|        | 72835/100000 [19:02<08:44, 51.79it/s]
Training Step:   73%|        | 72841/100000 [19:02<09:35, 47.16it/s]
```

```
Training Step:  73%|        | 72846/100000 [19:02<09:45, 46.36it/s]
Training Step:  73%|        | 72852/100000 [19:02<09:35, 47.20it/s]
Training Step:  73%|        | 72858/100000 [19:03<09:29, 47.67it/s]
Training Step:  73%|        | 72863/100000 [19:03<09:25, 48.03it/s]
Training Step:  73%|        | 72868/100000 [19:03<09:30, 47.54it/s]
Training Step:  73%|        | 72873/100000 [19:03<09:30, 47.57it/s]
Training Step:  73%|        | 72878/100000 [19:03<09:28, 47.71it/s]
Training Step:  73%|        | 72884/100000 [19:03<09:22, 48.17it/s]
Training Step:  73%|        | 72890/100000 [19:03<09:13, 49.02it/s]
Training Step:  73%|        | 72896/100000 [19:03<09:10, 49.23it/s]
Training Step:  73%|        | 72902/100000 [19:03<08:59, 50.20it/s]
Training Step:  73%|        | 72908/100000 [19:04<08:56, 50.53it/s]
Training Step:  73%|        | 72914/100000 [19:04<08:47, 51.39it/s]
Training Step:  73%|        | 72920/100000 [19:04<08:49, 51.14it/s]
Training Step:  73%|        | 72926/100000 [19:04<08:53, 50.72it/s]
Training Step:  73%|        | 72932/100000 [19:04<08:46, 51.42it/s]
Training Step:  73%|        | 72938/100000 [19:04<08:55, 50.58it/s]
Training Step:  73%|        | 72944/100000 [19:04<08:52, 50.83it/s]
Training Step:  73%|        | 72950/100000 [19:04<08:37, 52.30it/s]
Training Step:  73%|        | 72956/100000 [19:05<08:26, 53.38it/s]
Training Step:  73%|        | 72962/100000 [19:05<08:17, 54.31it/s]
Training Step:  73%|        | 72968/100000 [19:05<08:13, 54.82it/s]
Training Step:  73%|        | 72974/100000 [19:05<08:00, 56.21it/s]
Training Step:  73%|        | 72980/100000 [19:05<07:56, 56.73it/s]
Training Step:  73%|        | 72986/100000 [19:05<07:51, 57.34it/s]
Training Step:  73%|        | 72992/100000 [19:05<07:50, 57.45it/s]
Training Step:  73%|        | 72999/100000 [19:05<07:39, 58.71it/s]
Training Step:  73%|        | 73005/100000 [19:05<07:42, 58.39it/s]
Training Step:  73%|        | 73011/100000 [19:05<07:40, 58.62it/s]
Training Step:  73%|        | 73017/100000 [19:06<07:43, 58.24it/s]
Training Step:  73%|        | 73023/100000 [19:06<07:52, 57.10it/s]
Training Step:  73%|        | 73029/100000 [19:06<08:09, 55.09it/s]
Training Step:  73%|        | 73036/100000 [19:06<07:58, 56.37it/s]
Training Step:  73%|        | 73042/100000 [19:06<07:50, 57.24it/s]
Training Step:  73%|        | 73048/100000 [19:06<07:49, 57.47it/s]
Training Step:  73%|        | 73054/100000 [19:06<07:43, 58.12it/s]
Training Step:  73%|        | 73060/100000 [19:06<07:46, 57.70it/s]
Training Step:  73%|        | 73066/100000 [19:06<07:51, 57.06it/s]
Training Step:  73%|        | 73072/100000 [19:07<07:52, 57.05it/s]
Training Step:  73%|        | 73078/100000 [19:07<07:47, 57.61it/s]
Training Step:  73%|        | 73085/100000 [19:07<07:31, 59.65it/s]
Training Step:  73%|        | 73092/100000 [19:07<07:28, 60.04it/s]
Training Step:  73%|        | 73099/100000 [19:07<07:27, 60.15it/s]
Training Step:  73%|        | 73106/100000 [19:07<07:28,
59.99it/s][INFO] Episode ended! Scenario Index: 1000 Reason:
arrive_dest.

Training Step:  73%|        | 73112/100000 [19:07<08:27, 53.01it/s]
```

```
Training Step:  73%|          | 73120/100000 [19:07<07:32, 59.36it/s]
Training Step:  73%|          | 73128/100000 [19:07<06:55, 64.70it/s]
Training Step:  73%|          | 73136/100000 [19:08<06:44, 66.41it/s]
Training Step:  73%|          | 73143/100000 [19:08<06:58, 64.22it/s]
Training Step:  73%|          | 73150/100000 [19:08<07:13, 61.91it/s]
Training Step:  73%|          | 73157/100000 [19:08<07:10, 62.38it/s]
Training Step:  73%|          | 73164/100000 [19:08<07:17, 61.30it/s]
Training Step:  73%|          | 73171/100000 [19:08<07:17, 61.33it/s]
Training Step:  73%|          | 73178/100000 [19:08<07:20, 60.88it/s]
Training Step:  73%|          | 73185/100000 [19:08<07:21, 60.72it/s]
Training Step:  73%|          | 73192/100000 [19:09<07:26, 59.98it/s]
Training Step:  73%|          | 73199/100000 [19:09<07:34, 58.96it/s]
Training Step:  73%|          | 73205/100000 [19:09<07:56, 56.18it/s]
Training Step:  73%|          | 73211/100000 [19:09<08:08, 54.89it/s]
Training Step:  73%|          | 73217/100000 [19:09<08:21, 53.41it/s]
Training Step:  73%|          | 73223/100000 [19:09<08:27, 52.78it/s]
Training Step:  73%|          | 73229/100000 [19:09<08:17, 53.84it/s]
Training Step:  73%|          | 73236/100000 [19:09<08:00, 55.67it/s]
Training Step:  73%|          | 73242/100000 [19:09<07:54, 56.34it/s]
Training Step:  73%|          | 73248/100000 [19:10<07:50, 56.88it/s]
Training Step:  73%|          | 73255/100000 [19:10<07:37, 58.44it/s]
Training Step:  73%|          | 73262/100000 [19:10<07:32, 59.04it/s]
Training Step:  73%|          | 73269/100000 [19:10<07:22, 60.40it/s]
Training Step:  73%|          | 73276/100000 [19:10<07:25, 59.96it/s]
Training Step:  73%|          | 73282/100000 [19:10<07:26, 59.89it/s]
Training Step:  73%|          | 73288/100000 [19:10<07:27, 59.65it/s]
Training Step:  73%|          | 73295/100000 [19:10<07:23, 60.26it/s]
Training Step:  73%|          | 73302/100000 [19:10<07:25, 59.90it/s]
Training Step:  73%|          | 73308/100000 [19:11<07:26, 59.81it/s]
Training Step:  73%|          | 73314/100000 [19:11<07:28, 59.48it/s]
Training Step:  73%|          | 73320/100000 [19:11<07:38, 58.25it/s]
Training Step:  73%|          | 73326/100000 [19:11<07:45, 57.24it/s]
Training Step:  73%|          | 73332/100000 [19:11<07:54, 56.22it/s]
Training Step:  73%|          | 73338/100000 [19:11<08:16, 53.69it/s]
Training Step:  73%|          | 73344/100000 [19:11<08:27, 52.54it/s]
Training Step:  73%|          | 73350/100000 [19:11<08:21, 53.12it/s]
Training Step:  73%|          | 73357/100000 [19:11<07:58, 55.63it/s]
Training Step:  73%|          | 73363/100000 [19:12<07:50, 56.66it/s]
Training Step:  73%|          | 73370/100000 [19:12<07:31, 58.95it/s]
Training Step:  73%|          | 73377/100000 [19:12<07:20, 60.48it/s]
Training Step:  73%|          | 73384/100000 [19:12<07:18, 60.65it/s]
Training Step:  73%|          | 73391/100000 [19:12<07:18, 60.72it/s]
Training Step:  73%|          | 73398/100000 [19:12<07:26, 59.55it/s]
Training Step:  73%|          | 73404/100000 [19:12<07:26, 59.51it/s]
Training Step:  73%|          | 73410/100000 [19:12<07:48, 56.80it/s]
Training Step:  73%|          | 73417/100000 [19:12<07:35, 58.34it/s]
Training Step:  73%|          | 73424/100000 [19:13<07:33, 58.64it/s]
Training Step:  73%|          | 73431/100000 [19:13<07:23, 59.94it/s]
```

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Training Step:  73%|         | 73438/100000 [19:13<07:22, 60.06it/s]
Training Step:  73%|         | 73445/100000 [19:13<07:12, 61.43it/s]
Training Step:  73%|         | 73452/100000 [19:13<07:15, 60.93it/s]
Training Step:  73%|         | 73459/100000 [19:13<07:07, 62.06it/s]
Training Step:  73%|         | 73466/100000 [19:13<07:07, 62.10it/s]
Training Step:  73%|         | 73474/100000 [19:13<06:54, 64.04it/s]
Training Step:  73%|         | 73482/100000 [19:13<06:44, 65.54it/s]
Training Step:  73%|         | 73490/100000 [19:14<06:26, 68.55it/s]
Training Step:  73%|         | 73498/100000 [19:14<06:18, 70.02it/s]
Training Step:  74%|         | 73507/100000 [19:14<05:58, 73.91it/s]
Training Step:  74%|         | 73516/100000 [19:14<05:50, 75.46it/s]
Training Step:  74%|         | 73525/100000 [19:14<05:39,
78.03it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
arrive_dest.

Training Step:  74%|         | 73533/100000 [19:14<06:17, 70.12it/s]
Training Step:  74%|         | 73541/100000 [19:14<06:06, 72.15it/s]
Training Step:  74%|         | 73550/100000 [19:14<05:54, 74.56it/s]
Training Step:  74%|         | 73558/100000 [19:14<05:52, 75.06it/s]
Training Step:  74%|         | 73566/100000 [19:15<05:51, 75.12it/s]
Training Step:  74%|         | 73574/100000 [19:15<05:55, 74.40it/s]
Training Step:  74%|         | 73582/100000 [19:15<05:57, 73.89it/s]
Training Step:  74%|         | 73590/100000 [19:15<05:58, 73.74it/s]
Training Step:  74%|         | 73598/100000 [19:15<06:05, 72.32it/s]
Training Step:  74%|         | 73606/100000 [19:15<06:06, 72.05it/s]
Training Step:  74%|         | 73614/100000 [19:15<06:22, 68.96it/s]
Training Step:  74%|         | 73621/100000 [19:15<06:21, 69.06it/s]
Training Step:  74%|         | 73628/100000 [19:15<06:30, 67.45it/s]
Training Step:  74%|         | 73635/100000 [19:16<06:28, 67.78it/s]
Training Step:  74%|         | 73642/100000 [19:16<06:26, 68.22it/s]
Training Step:  74%|         | 73649/100000 [19:16<06:25, 68.34it/s]
Training Step:  74%|         | 73656/100000 [19:16<06:29, 67.64it/s]
Training Step:  74%|         | 73663/100000 [19:16<06:38, 66.03it/s]
Training Step:  74%|         | 73670/100000 [19:16<06:52, 63.88it/s]
Training Step:  74%|         | 73677/100000 [19:16<06:45, 64.87it/s]
Training Step:  74%|         | 73684/100000 [19:16<06:51, 63.97it/s]
Training Step:  74%|         | 73692/100000 [19:16<06:37, 66.27it/s]
Training Step:  74%|         | 73700/100000 [19:17<06:26, 68.01it/s]
Training Step:  74%|         | 73708/100000 [19:17<06:20, 69.11it/s]
Training Step:  74%|         | 73716/100000 [19:17<06:24, 68.34it/s]
Training Step:  74%|         | 73724/100000 [19:17<06:27, 67.79it/s]
Training Step:  74%|         | 73731/100000 [19:17<06:41, 65.39it/s]
Training Step:  74%|         | 73738/100000 [19:17<06:55, 63.26it/s]
Training Step:  74%|         | 73745/100000 [19:17<07:01, 62.30it/s]
Training Step:  74%|         | 73752/100000 [19:17<07:13, 60.55it/s]
Training Step:  74%|         | 73759/100000 [19:17<07:24, 59.02it/s]
Training Step:  74%|         | 73765/100000 [19:18<07:30, 58.17it/s]
Training Step:  74%|         | 73771/100000 [19:18<07:42, 56.69it/s]
```

```
Training Step:   74%|          | 73777/100000 [19:18<07:51, 55.63it/s]
Training Step:   74%|          | 73783/100000 [19:18<07:53, 55.31it/s]
Training Step:   74%|          | 73789/100000 [19:18<07:57, 54.94it/s]
Training Step:   74%|          | 73795/100000 [19:18<08:00, 54.53it/s]
Training Step:   74%|          | 73801/100000 [19:18<08:01, 54.38it/s]
Training Step:   74%|          | 73807/100000 [19:18<08:02, 54.31it/s]
Training Step:   74%|          | 73813/100000 [19:18<08:07, 53.74it/s]
Training Step:   74%|          | 73819/100000 [19:19<08:01, 54.32it/s]
Training Step:   74%|          | 73825/100000 [19:19<08:08, 53.64it/s]
Training Step:   74%|          | 73831/100000 [19:19<08:18, 52.49it/s]
Training Step:   74%|          | 73837/100000 [19:19<08:19, 52.41it/s]
Training Step:   74%|          | 73843/100000 [19:19<08:12, 53.16it/s]
Training Step:   74%|          | 73849/100000 [19:19<08:14, 52.89it/s]
Training Step:   74%|          | 73855/100000 [19:19<08:12, 53.12it/s]
Training Step:   74%|          | 73861/100000 [19:19<08:03, 54.09it/s]
Training Step:   74%|          | 73867/100000 [19:20<07:59, 54.52it/s]
Training Step:   74%|          | 73873/100000 [19:20<08:03, 54.08it/s]
Training Step:   74%|          | 73879/100000 [19:20<07:59, 54.43it/s]
Training Step:   74%|          | 73885/100000 [19:20<08:00, 54.38it/s]
Training Step:   74%|          | 73891/100000 [19:20<08:03, 53.99it/s]
Training Step:   74%|          | 73897/100000 [19:20<07:48, 55.66it/s]
Training Step:   74%|          | 73903/100000 [19:20<07:39, 56.75it/s]
Training Step:   74%|          | 73909/100000 [19:20<07:32, 57.64it/s]
Training Step:   74%|          | 73915/100000 [19:20<07:28, 58.16it/s]
Training Step:   74%|          | 73921/100000 [19:20<07:26, 58.35it/s]
Training Step:   74%|          | 73928/100000 [19:21<07:23, 58.84it/s]
Training Step:   74%|          | 73935/100000 [19:21<07:15, 59.82it/s]
Training Step:   74%|          | 73942/100000 [19:21<07:06, 61.06it/s]
Training Step:   74%|          | 73949/100000 [19:21<06:50, 63.42it/s]
Training Step:   74%|          | 73956/100000 [19:21<06:47, 63.94it/s]
Training Step:   74%|          | 73963/100000 [19:21<06:37, 65.45it/s]
Training Step:   74%|          | 73970/100000 [19:21<06:36, 65.63it/s]
Training Step:   74%|          | 73977/100000 [19:21<06:33, 66.13it/s]
Training Step:   74%|          | 73984/100000 [19:21<06:30, 66.67it/s]
Training Step:   74%|          | 73992/100000 [19:22<06:23, 67.88it/s]
Training Step:   74%|          | 74000/100000 [19:22<06:32, 66.23it/s]
Training Step:   74%|          | 74008/100000 [19:22<06:20, 68.27it/s]
Training Step:   74%|          | 74016/100000 [19:22<06:17, 68.79it/s]
Training Step:   74%|          | 74023/100000 [19:22<06:23,
67.71it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:   74%|          | 74030/100000 [19:22<07:16, 59.54it/s]
Training Step:   74%|          | 74038/100000 [19:22<06:43, 64.32it/s]
Training Step:   74%|          | 74046/100000 [19:22<06:24, 67.47it/s]
Training Step:   74%|          | 74053/100000 [19:22<06:30, 66.52it/s]
Training Step:   74%|          | 74060/100000 [19:23<06:26, 67.11it/s]
Training Step:   74%|          | 74068/100000 [19:23<06:14, 69.18it/s]
```

```
Training Step:    74%|         | 74076/100000 [19:23<06:05, 70.95it/s]
Training Step:    74%|         | 74084/100000 [19:23<06:03, 71.36it/s]
Training Step:    74%|         | 74092/100000 [19:23<05:53, 73.38it/s]
Training Step:    74%|         | 74100/100000 [19:23<05:52, 73.55it/s]
Training Step:    74%|         | 74108/100000 [19:23<05:53, 73.15it/s]
Training Step:    74%|         | 74116/100000 [19:23<05:54, 73.08it/s]
Training Step:    74%|         | 74124/100000 [19:23<05:47, 74.40it/s]
Training Step:    74%|         | 74132/100000 [19:24<05:58, 72.17it/s]
Training Step:    74%|         | 74140/100000 [19:24<06:04, 70.89it/s]
Training Step:    74%|         | 74148/100000 [19:24<06:02, 71.24it/s]
Training Step:    74%|         | 74156/100000 [19:24<06:03, 71.11it/s]
Training Step:    74%|         | 74164/100000 [19:24<06:03, 71.00it/s]
Training Step:    74%|         | 74172/100000 [19:24<06:16,
68.53it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:    74%|         | 74179/100000 [19:24<06:58, 61.74it/s]
Training Step:    74%|         | 74187/100000 [19:24<06:38, 64.78it/s]
Training Step:    74%|         | 74195/100000 [19:24<06:17, 68.31it/s]
Training Step:    74%|         | 74202/100000 [19:25<06:15, 68.71it/s]
Training Step:    74%|         | 74209/100000 [19:25<06:15, 68.64it/s]
Training Step:    74%|         | 74216/100000 [19:25<06:27, 66.49it/s]
Training Step:    74%|         | 74223/100000 [19:25<06:22, 67.34it/s]
Training Step:    74%|         | 74230/100000 [19:25<06:34, 65.30it/s]
Training Step:    74%|         | 74238/100000 [19:25<06:26, 66.64it/s]
Training Step:    74%|         | 74245/100000 [19:25<06:28, 66.29it/s]
Training Step:    74%|         | 74252/100000 [19:25<06:33, 65.49it/s]
Training Step:    74%|         | 74259/100000 [19:25<06:35, 65.11it/s]
Training Step:    74%|         | 74266/100000 [19:26<07:08, 60.05it/s]
Training Step:    74%|         | 74273/100000 [19:26<07:02, 60.85it/s]
Training Step:    74%|         | 74280/100000 [19:26<07:13, 59.36it/s]
Training Step:    74%|         | 74287/100000 [19:26<07:02, 60.89it/s]
Training Step:    74%|         | 74294/100000 [19:26<07:08, 59.95it/s]
Training Step:    74%|         | 74301/100000 [19:26<07:21, 58.15it/s]
Training Step:    74%|         | 74307/100000 [19:26<07:25, 57.65it/s]
Training Step:    74%|         | 74313/100000 [19:26<07:24, 57.76it/s]
Training Step:    74%|         | 74320/100000 [19:27<07:17, 58.64it/s]
Training Step:    74%|         | 74327/100000 [19:27<07:06, 60.18it/s]
Training Step:    74%|         | 74334/100000 [19:27<07:04, 60.39it/s]
Training Step:    74%|         | 74341/100000 [19:27<07:01, 60.87it/s]
Training Step:    74%|         | 74348/100000 [19:27<07:01, 60.89it/s]
Training Step:    74%|         | 74355/100000 [19:27<07:00, 61.02it/s]
Training Step:    74%|         | 74362/100000 [19:27<07:32, 56.66it/s]
Training Step:    74%|         | 74368/100000 [19:27<08:07, 52.62it/s]
Training Step:    74%|         | 74374/100000 [19:27<08:17, 51.56it/s]
Training Step:    74%|         | 74380/100000 [19:28<08:28, 50.43it/s]
Training Step:    74%|         | 74386/100000 [19:28<08:33, 49.86it/s]
Training Step:    74%|         | 74392/100000 [19:28<08:44, 48.78it/s]
```

```
Training Step:   74%|        | 74397/100000 [19:28<08:48, 48.47it/s]
Training Step:   74%|        | 74402/100000 [19:28<09:03, 47.14it/s]
Training Step:   74%|        | 74407/100000 [19:28<09:04, 47.02it/s]
Training Step:   74%|        | 74412/100000 [19:28<09:08, 46.69it/s]
Training Step:   74%|        | 74417/100000 [19:28<08:58, 47.47it/s]
Training Step:   74%|        | 74422/100000 [19:29<09:17, 45.92it/s]
Training Step:   74%|        | 74427/100000 [19:29<09:17, 45.91it/s]
Training Step:   74%|        | 74432/100000 [19:29<09:16, 45.95it/s]
Training Step:   74%|        | 74437/100000 [19:29<09:04, 46.95it/s]
Training Step:   74%|        | 74442/100000 [19:29<09:02, 47.15it/s]
Training Step:   74%|        | 74448/100000 [19:29<08:47, 48.47it/s]
Training Step:   74%|        | 74454/100000 [19:29<08:37, 49.35it/s]
Training Step:   74%|        | 74460/100000 [19:29<08:28, 50.27it/s]
Training Step:   74%|        | 74466/100000 [19:29<08:13, 51.77it/s]
Training Step:   74%|        | 74472/100000 [19:29<08:02, 52.88it/s]
Training Step:   74%|        | 74478/100000 [19:30<07:57, 53.45it/s]
Training Step:   74%|        | 74484/100000 [19:30<07:45, 54.86it/s]
Training Step:   74%|        | 74490/100000 [19:30<07:34, 56.16it/s]
Training Step:   74%|        | 74497/100000 [19:30<07:22, 57.66it/s]
Training Step:   75%|        | 74503/100000 [19:30<07:19, 57.99it/s]
Training Step:   75%|        | 74510/100000 [19:30<07:15, 58.58it/s]
Training Step:   75%|        | 74517/100000 [19:30<07:08, 59.48it/s]
Training Step:   75%|        | 74524/100000 [19:30<07:06, 59.75it/s]
Training Step:   75%|        | 74530/100000 [19:30<07:10, 59.18it/s]
Training Step:   75%|        | 74537/100000 [19:31<07:01, 60.36it/s]
Training Step:   75%|        | 74544/100000 [19:31<07:09, 59.24it/s]
Training Step:   75%|        | 74551/100000 [19:31<07:02, 60.28it/s]
Training Step:   75%|        | 74558/100000 [19:31<06:59, 60.61it/s]
Training Step:   75%|        | 74566/100000 [19:31<06:40, 63.52it/s]
Training Step:   75%|        | 74573/100000 [19:31<06:58, 60.74it/s]
Training Step:   75%|        | 74580/100000 [19:31<06:44, 62.88it/s]
Training Step:   75%|        | 74587/100000 [19:31<06:34, 64.44it/s]
Training Step:   75%|        | 74594/100000 [19:31<06:30, 65.12it/s]
Training Step:   75%|        | 74602/100000 [19:32<06:25, 65.93it/s]
Training Step:   75%|        | 74610/100000 [19:32<06:15, 67.60it/s]
Training Step:   75%|        | 74618/100000 [19:32<06:03, 69.91it/s]
Training Step:   75%|        | 74626/100000 [19:32<05:52, 72.08it/s]
Training Step:   75%|        | 74634/100000 [19:32<05:42, 74.12it/s]
Training Step:   75%|        | 74644/100000 [19:32<05:19,
79.34it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:   75%|        | 74652/100000 [19:32<06:37, 63.73it/s]
Training Step:   75%|        | 74659/100000 [19:32<06:28, 65.23it/s]
Training Step:   75%|        | 74666/100000 [19:33<06:25, 65.78it/s]
Training Step:   75%|        | 74673/100000 [19:33<06:31, 64.68it/s]
Training Step:   75%|        | 74680/100000 [19:33<06:36, 63.87it/s]
Training Step:   75%|        | 74687/100000 [19:33<06:36, 63.83it/s]
```

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Training Step:  75%|        | 74694/100000 [19:33<06:49, 61.80it/s]
Training Step:  75%|        | 74701/100000 [19:33<06:48, 61.99it/s]
Training Step:  75%|        | 74708/100000 [19:33<07:01, 59.96it/s]
Training Step:  75%|        | 74715/100000 [19:33<06:58, 60.44it/s]
Training Step:  75%|        | 74722/100000 [19:33<07:04, 59.57it/s]
Training Step:  75%|        | 74728/100000 [19:34<07:03, 59.67it/s]
Training Step:  75%|        | 74734/100000 [19:34<07:03, 59.71it/s]
Training Step:  75%|        | 74740/100000 [19:34<07:03, 59.62it/s]
Training Step:  75%|        | 74746/100000 [19:34<07:05, 59.30it/s]
Training Step:  75%|        | 74752/100000 [19:34<07:12, 58.41it/s]
Training Step:  75%|        | 74758/100000 [19:34<07:17, 57.70it/s]
Training Step:  75%|        | 74764/100000 [19:34<07:24, 56.73it/s]
Training Step:  75%|        | 74770/100000 [19:34<07:35, 55.45it/s]
Training Step:  75%|        | 74776/100000 [19:34<07:54, 53.15it/s]
Training Step:  75%|        | 74782/100000 [19:35<08:06, 51.88it/s]
Training Step:  75%|        | 74788/100000 [19:35<08:12, 51.20it/s]
Training Step:  75%|        | 74794/100000 [19:35<08:25, 49.88it/s]
Training Step:  75%|        | 74800/100000 [19:35<08:36, 48.82it/s]
Training Step:  75%|        | 74805/100000 [19:35<08:37, 48.69it/s]
Training Step:  75%|        | 74810/100000 [19:35<08:44, 48.07it/s]
Training Step:  75%|        | 74815/100000 [19:35<08:46, 47.82it/s]
Training Step:  75%|        | 74820/100000 [19:35<08:45, 47.91it/s]
Training Step:  75%|        | 74825/100000 [19:35<08:40, 48.38it/s]
Training Step:  75%|        | 74830/100000 [19:36<08:42, 48.16it/s]
Training Step:  75%|        | 74836/100000 [19:36<08:37, 48.58it/s]
Training Step:  75%|        | 74841/100000 [19:36<08:35, 48.77it/s]
Training Step:  75%|        | 74846/100000 [19:36<08:52, 47.25it/s]
Training Step:  75%|        | 74851/100000 [19:36<08:47, 47.68it/s]
Training Step:  75%|        | 74856/100000 [19:36<08:50, 47.40it/s]
Training Step:  75%|        | 74861/100000 [19:36<08:56, 46.87it/s]
Training Step:  75%|        | 74866/100000 [19:36<08:58, 46.64it/s]
Training Step:  75%|        | 74872/100000 [19:36<08:50, 47.34it/s]
Training Step:  75%|        | 74877/100000 [19:37<08:52, 47.21it/s]
Training Step:  75%|        | 74882/100000 [19:37<09:06, 45.95it/s]
Training Step:  75%|        | 74887/100000 [19:37<09:06, 45.99it/s]
Training Step:  75%|        | 74892/100000 [19:37<09:16, 45.15it/s]
Training Step:  75%|        | 74897/100000 [19:37<09:19, 44.88it/s]
Training Step:  75%|        | 74902/100000 [19:37<09:55, 42.11it/s]
Training Step:  75%|        | 74907/100000 [19:37<10:05, 41.46it/s]
Training Step:  75%|        | 74912/100000 [19:37<10:40, 39.19it/s]
Training Step:  75%|        | 74916/100000 [19:38<10:50, 38.56it/s]
Training Step:  75%|        | 74920/100000 [19:38<10:51, 38.49it/s]
Training Step:  75%|        | 74924/100000 [19:38<10:51, 38.48it/s]
Training Step:  75%|        | 74928/100000 [19:38<10:49, 38.58it/s]
Training Step:  75%|        | 74932/100000 [19:38<10:55, 38.23it/s]
Training Step:  75%|        | 74936/100000 [19:38<11:08, 37.52it/s]
Training Step:  75%|        | 74940/100000 [19:38<11:10, 37.37it/s]
Training Step:  75%|        | 74944/100000 [19:38<11:04, 37.71it/s]
```

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Training Step:  75%|        | 74948/100000 [19:38<10:53, 38.35it/s]
Training Step:  75%|        | 74952/100000 [19:38<11:38, 35.85it/s]
Training Step:  75%|        | 74956/100000 [19:39<12:33, 33.24it/s]
Training Step:  75%|        | 74960/100000 [19:39<13:34, 30.74it/s]
Training Step:  75%|        | 74964/100000 [19:39<13:00, 32.08it/s]
Training Step:  75%|        | 74968/100000 [19:39<12:28, 33.44it/s]
Training Step:  75%|        | 74973/100000 [19:39<11:37, 35.91it/s]
Training Step:  75%|        | 74977/100000 [19:39<11:26, 36.45it/s]
Training Step:  75%|        | 74981/100000 [19:39<11:28, 36.33it/s]
Training Step:  75%|        | 74985/100000 [19:39<11:44, 35.49it/s]
Training Step:  75%|        | 74989/100000 [19:40<11:34, 36.03it/s]
Training Step:  75%|        | 74994/100000 [19:40<11:04, 37.65it/s]
Training Step:  75%|        | 74999/100000 [19:40<10:36, 39.27it/s]
Training Step:  75%|        | 75003/100000 [19:40<10:41, 38.99it/s]
Training Step:  75%|        | 75007/100000 [19:40<10:47, 38.63it/s]
Training Step:  75%|        | 75012/100000 [19:40<10:22, 40.12it/s]
Training Step:  75%|        | 75017/100000 [19:40<09:57, 41.82it/s]
Training Step:  75%|        | 75022/100000 [19:40<10:02, 41.44it/s]
Training Step:  75%|        | 75027/100000 [19:40<09:44, 42.72it/s]
Training Step:  75%|        | 75032/100000 [19:41<09:33, 43.53it/s]
Training Step:  75%|        | 75038/100000 [19:41<09:09, 45.45it/s]
Training Step:  75%|        | 75044/100000 [19:41<08:45, 47.47it/s]
Training Step:  75%|        | 75050/100000 [19:41<08:36, 48.33it/s]
Training Step:  75%|        | 75056/100000 [19:41<08:17, 50.12it/s]
Training Step:  75%|        | 75062/100000 [19:41<08:06, 51.28it/s]
Training Step:  75%|        | 75068/100000 [19:41<07:57, 52.24it/s]
Training Step:  75%|        | 75074/100000 [19:41<07:40, 54.16it/s]
Training Step:  75%|        | 75080/100000 [19:41<07:35, 54.73it/s]
Training Step:  75%|        | 75086/100000 [19:42<07:29, 55.44it/s]
Training Step:  75%|        | 75092/100000 [19:42<07:18, 56.74it/s]
Training Step:  75%|        | 75098/100000 [19:42<07:11, 57.68it/s]
Training Step:  75%|        | 75104/100000 [19:42<07:06, 58.32it/s]
Training Step:  75%|        | 75111/100000 [19:42<06:43, 61.70it/s]
Training Step:  75%|        | 75118/100000 [19:42<06:38, 62.49it/s]
Training Step:  75%|        | 75125/100000 [19:42<06:26, 64.33it/s]
Training Step:  75%|        | 75132/100000 [19:42<06:40, 62.11it/s]
Training Step:  75%|        | 75140/100000 [19:42<06:26, 64.26it/s]
Training Step:  75%|        | 75148/100000 [19:43<06:17, 65.89it/s]
Training Step:  75%|        | 75156/100000 [19:43<06:06, 67.73it/s]
Training Step:  75%|        | 75164/100000 [19:43<06:03, 68.29it/s]
Training Step:  75%|        | 75171/100000 [19:43<06:03, 68.39it/s]
Training Step:  75%|        | 75179/100000 [19:43<05:51, 70.66it/s]
Training Step:  75%|        | 75187/100000 [19:43<06:04, 68.00it/s]
Training Step:  75%|        | 75194/100000 [19:43<06:06,
67.62it/s][INFO] Episode ended! Scenario Index: 1004 Reason:
arrive_dest.

Training Step:  75%|        | 75201/100000 [19:43<07:37, 54.26it/s]
```

```
Training Step:  75%|          | 75208/100000 [19:44<07:14, 57.07it/s]
Training Step:  75%|          | 75215/100000 [19:44<06:52, 60.03it/s]
Training Step:  75%|          | 75222/100000 [19:44<07:24, 55.75it/s]
Training Step:  75%|          | 75228/100000 [19:44<08:23, 49.16it/s]
Training Step:  75%|          | 75234/100000 [19:44<08:48, 46.87it/s]
Training Step:  75%|          | 75239/100000 [19:44<09:04, 45.50it/s]
Training Step:  75%|          | 75244/100000 [19:44<09:29, 43.47it/s]
Training Step:  75%|          | 75249/100000 [19:44<09:12, 44.79it/s]
Training Step:  75%|          | 75254/100000 [19:45<08:57, 46.01it/s]
Training Step:  75%|          | 75260/100000 [19:45<08:42, 47.35it/s]
Training Step:  75%|          | 75265/100000 [19:45<08:52, 46.45it/s]
Training Step:  75%|          | 75270/100000 [19:45<08:55, 46.16it/s]
Training Step:  75%|          | 75275/100000 [19:45<08:53, 46.32it/s]
Training Step:  75%|          | 75280/100000 [19:45<08:56, 46.07it/s]
Training Step:  75%|          | 75286/100000 [19:45<08:42, 47.31it/s]
Training Step:  75%|          | 75291/100000 [19:45<08:38, 47.65it/s]
Training Step:  75%|          | 75297/100000 [19:45<08:19, 49.48it/s]
Training Step:  75%|          | 75302/100000 [19:46<08:17, 49.62it/s]
Training Step:  75%|          | 75308/100000 [19:46<08:13, 50.01it/s]
Training Step:  75%|          | 75314/100000 [19:46<08:16, 49.75it/s]
Training Step:  75%|          | 75320/100000 [19:46<08:05, 50.88it/s]
Training Step:  75%|          | 75326/100000 [19:46<08:03, 51.00it/s]
Training Step:  75%|          | 75332/100000 [19:46<08:09, 50.38it/s]
Training Step:  75%|          | 75338/100000 [19:46<08:49, 46.53it/s]
Training Step:  75%|          | 75343/100000 [19:46<08:51, 46.41it/s]
Training Step:  75%|          | 75348/100000 [19:46<08:54, 46.10it/s]
Training Step:  75%|          | 75353/100000 [19:47<08:51, 46.40it/s]
Training Step:  75%|          | 75358/100000 [19:47<08:41, 47.25it/s]
Training Step:  75%|          | 75364/100000 [19:47<08:37, 47.62it/s]
Training Step:  75%|          | 75370/100000 [19:47<08:28, 48.48it/s]
Training Step:  75%|          | 75375/100000 [19:47<08:24, 48.82it/s]
Training Step:  75%|          | 75380/100000 [19:47<08:36, 47.69it/s]
Training Step:  75%|          | 75385/100000 [19:47<08:40, 47.28it/s]
Training Step:  75%|          | 75390/100000 [19:47<08:35, 47.78it/s]
Training Step:  75%|          | 75395/100000 [19:47<08:29, 48.33it/s]
Training Step:  75%|          | 75400/100000 [19:48<08:42, 47.06it/s]
Training Step:  75%|          | 75405/100000 [19:48<09:11, 44.60it/s]
Training Step:  75%|          | 75410/100000 [19:48<09:19, 43.91it/s]
Training Step:  75%|          | 75415/100000 [19:48<09:50, 41.61it/s]
Training Step:  75%|          | 75420/100000 [19:48<09:47, 41.83it/s]
Training Step:  75%|          | 75425/100000 [19:48<09:39, 42.42it/s]
Training Step:  75%|          | 75430/100000 [19:48<09:34, 42.73it/s]
Training Step:  75%|          | 75435/100000 [19:48<09:23, 43.63it/s]
Training Step:  75%|          | 75440/100000 [19:48<09:17, 44.02it/s]
Training Step:  75%|          | 75445/100000 [19:49<08:59, 45.48it/s]
Training Step:  75%|          | 75450/100000 [19:49<08:53, 46.04it/s]
Training Step:  75%|          | 75455/100000 [19:49<08:58, 45.61it/s]
Training Step:  75%|          | 75460/100000 [19:49<11:08, 36.69it/s]
```

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Training Step:   75%|       | 75464/100000 [19:49<11:08, 36.69it/s]
Training Step:   75%|       | 75469/100000 [19:49<10:27, 39.06it/s]
Training Step:   75%|       | 75474/100000 [19:49<10:20, 39.50it/s]
Training Step:   75%|       | 75479/100000 [19:49<10:18, 39.65it/s]
Training Step:   75%|       | 75484/100000 [19:50<09:57, 41.02it/s]
Training Step:   75%|       | 75489/100000 [19:50<09:35, 42.62it/s]
Training Step:   75%|       | 75494/100000 [19:50<09:34, 42.67it/s]
Training Step:   75%|       | 75499/100000 [19:50<09:30, 42.91it/s]
Training Step:   76%|       | 75504/100000 [19:50<09:43, 41.99it/s]
Training Step:   76%|       | 75509/100000 [19:50<09:21, 43.65it/s]
Training Step:   76%|       | 75514/100000 [19:50<09:11, 44.41it/s]
Training Step:   76%|       | 75520/100000 [19:50<08:55, 45.70it/s]
Training Step:   76%|       | 75525/100000 [19:50<08:50, 46.15it/s]
Training Step:   76%|       | 75530/100000 [19:51<08:50, 46.17it/s]
Training Step:   76%|       | 75536/100000 [19:51<08:41, 46.92it/s]
Training Step:   76%|       | 75541/100000 [19:51<08:38, 47.17it/s]
Training Step:   76%|       | 75546/100000 [19:51<08:49, 46.16it/s]
Training Step:   76%|       | 75551/100000 [19:51<08:39, 47.09it/s]
Training Step:   76%|       | 75556/100000 [19:51<09:21, 43.55it/s]
Training Step:   76%|       | 75561/100000 [19:51<10:13, 39.83it/s]
Training Step:   76%|       | 75566/100000 [19:51<10:06, 40.27it/s]
Training Step:   76%|       | 75571/100000 [19:52<09:44, 41.79it/s]
Training Step:   76%|       | 75576/100000 [19:52<09:40, 42.07it/s]
Training Step:   76%|       | 75582/100000 [19:52<09:14, 44.01it/s]
Training Step:   76%|       | 75588/100000 [19:52<08:53, 45.80it/s]
Training Step:   76%|       | 75594/100000 [19:52<08:38, 47.06it/s]
Training Step:   76%|       | 75599/100000 [19:52<08:34, 47.46it/s]
Training Step:   76%|       | 75604/100000 [19:52<08:37, 47.12it/s]
Training Step:   76%|       | 75610/100000 [19:52<08:27, 48.02it/s]
Training Step:   76%|       | 75616/100000 [19:53<08:27, 48.02it/s]
Training Step:   76%|       | 75621/100000 [19:53<09:07, 44.51it/s]
Training Step:   76%|       | 75626/100000 [19:53<08:58, 45.23it/s]
Training Step:   76%|       | 75632/100000 [19:53<08:23, 48.40it/s]
Training Step:   76%|       | 75638/100000 [19:53<08:03, 50.39it/s]
Training Step:   76%|       | 75644/100000 [19:53<07:47, 52.14it/s]
Training Step:   76%|       | 75650/100000 [19:53<07:31, 53.95it/s]
Training Step:   76%|       | 75656/100000 [19:53<07:23, 54.89it/s]
Training Step:   76%|       | 75662/100000 [19:53<07:18, 55.55it/s]
Training Step:   76%|       | 75669/100000 [19:53<06:59, 58.03it/s]
Training Step:   76%|       | 75675/100000 [19:54<07:04, 57.29it/s]
Training Step:   76%|       | 75681/100000 [19:54<07:09, 56.61it/s]
Training Step:   76%|       | 75687/100000 [19:54<07:35, 53.33it/s]
Training Step:   76%|       | 75693/100000 [19:54<07:43, 52.43it/s]
Training Step:   76%|       | 75699/100000 [19:54<07:52, 51.42it/s]
Training Step:   76%|       | 75705/100000 [19:54<08:07,
49.85it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.
```

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Training Step:   76%|        | 75711/100000 [19:54<10:01, 40.36it/s]
Training Step:   76%|        | 75717/100000 [19:55<09:02, 44.73it/s]
Training Step:   76%|        | 75724/100000 [19:55<08:20, 48.49it/s]
Training Step:   76%|        | 75731/100000 [19:55<07:37, 53.03it/s]
Training Step:   76%|        | 75737/100000 [19:55<07:30, 53.86it/s]
Training Step:   76%|        | 75743/100000 [19:55<07:22, 54.76it/s]
Training Step:   76%|        | 75749/100000 [19:55<07:20, 54.99it/s]
Training Step:   76%|        | 75755/100000 [19:55<07:28, 54.10it/s]
Training Step:   76%|        | 75761/100000 [19:55<07:24, 54.54it/s]
Training Step:   76%|        | 75767/100000 [19:55<07:22, 54.75it/s]
Training Step:   76%|        | 75774/100000 [19:56<07:08, 56.49it/s]
Training Step:   76%|        | 75780/100000 [19:56<07:05, 56.98it/s]
Training Step:   76%|        | 75786/100000 [19:56<07:08, 56.56it/s]
Training Step:   76%|        | 75792/100000 [19:56<07:28, 54.02it/s]
Training Step:   76%|        | 75798/100000 [19:56<07:36, 53.04it/s]
Training Step:   76%|        | 75804/100000 [19:56<07:42, 52.37it/s]
Training Step:   76%|        | 75810/100000 [19:56<07:43, 52.18it/s]
Training Step:   76%|        | 75816/100000 [19:56<07:44, 52.04it/s]
Training Step:   76%|        | 75822/100000 [19:56<07:55, 50.89it/s]
Training Step:   76%|        | 75828/100000 [19:57<07:55, 50.88it/s]
Training Step:   76%|        | 75834/100000 [19:57<07:51, 51.26it/s]
Training Step:   76%|        | 75840/100000 [19:57<08:04, 49.86it/s]
Training Step:   76%|        | 75845/100000 [19:57<08:09, 49.38it/s]
Training Step:   76%|        | 75850/100000 [19:57<08:28, 47.49it/s]
Training Step:   76%|        | 75855/100000 [19:57<09:12, 43.68it/s]
Training Step:   76%|        | 75860/100000 [19:57<10:15, 39.22it/s]
Training Step:   76%|        | 75865/100000 [19:57<10:36, 37.92it/s]
Training Step:   76%|        | 75869/100000 [19:58<10:39, 37.72it/s]
Training Step:   76%|        | 75873/100000 [19:58<10:34, 38.00it/s]
Training Step:   76%|        | 75877/100000 [19:58<11:02, 36.42it/s]
Training Step:   76%|        | 75881/100000 [19:58<11:07, 36.13it/s]
Training Step:   76%|        | 75885/100000 [19:58<11:06, 36.20it/s]
Training Step:   76%|        | 75889/100000 [19:58<11:01, 36.44it/s]
Training Step:   76%|        | 75893/100000 [19:58<11:05, 36.22it/s]
Training Step:   76%|        | 75897/100000 [19:58<11:02, 36.36it/s]
Training Step:   76%|        | 75902/100000 [19:58<10:50, 37.06it/s]
Training Step:   76%|        | 75907/100000 [19:59<10:20, 38.86it/s]
Training Step:   76%|        | 75912/100000 [19:59<10:14, 39.22it/s]
Training Step:   76%|        | 75917/100000 [19:59<09:50, 40.77it/s]
Training Step:   76%|        | 75922/100000 [19:59<09:40, 41.47it/s]
Training Step:   76%|        | 75927/100000 [19:59<09:18, 43.06it/s]
Training Step:   76%|        | 75932/100000 [19:59<09:23, 42.74it/s]
Training Step:   76%|        | 75937/100000 [19:59<09:12, 43.53it/s]
Training Step:   76%|        | 75942/100000 [19:59<09:11, 43.63it/s]
Training Step:   76%|        | 75947/100000 [19:59<09:01, 44.40it/s]
Training Step:   76%|        | 75952/100000 [20:00<09:00, 44.45it/s]
Training Step:   76%|        | 75957/100000 [20:00<08:58, 44.65it/s]
Training Step:   76%|        | 75962/100000 [20:00<09:00, 44.46it/s]
```

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Training Step:   76%|        | 75967/100000 [20:00<09:11, 43.58it/s]
Training Step:   76%|        | 75972/100000 [20:00<09:23, 42.66it/s]
Training Step:   76%|        | 75977/100000 [20:00<09:32, 41.93it/s]
Training Step:   76%|        | 75982/100000 [20:00<09:55, 40.33it/s]
Training Step:   76%|        | 75987/100000 [20:00<09:56, 40.23it/s]
Training Step:   76%|        | 75992/100000 [20:01<10:12, 39.22it/s]
Training Step:   76%|        | 75996/100000 [20:01<10:16, 38.92it/s]
Training Step:   76%|        | 76000/100000 [20:01<10:45, 37.16it/s]
Training Step:   76%|        | 76004/100000 [20:01<10:34, 37.81it/s]
Training Step:   76%|        | 76009/100000 [20:01<10:13, 39.10it/s]
Training Step:   76%|        | 76014/100000 [20:01<10:15, 38.99it/s]
Training Step:   76%|        | 76018/100000 [20:01<10:26, 38.25it/s]
Training Step:   76%|        | 76023/100000 [20:01<10:03, 39.70it/s]
Training Step:   76%|        | 76027/100000 [20:01<10:04, 39.67it/s]
Training Step:   76%|        | 76032/100000 [20:02<09:57, 40.09it/s]
Training Step:   76%|        | 76037/100000 [20:02<09:47, 40.78it/s]
Training Step:   76%|        | 76042/100000 [20:02<09:53, 40.35it/s]
Training Step:   76%|        | 76047/100000 [20:02<09:45, 40.88it/s]
Training Step:   76%|        | 76052/100000 [20:02<11:12, 35.60it/s]
Training Step:   76%|        | 76057/100000 [20:02<10:39, 37.42it/s]
Training Step:   76%|        | 76062/100000 [20:02<10:24, 38.34it/s]
Training Step:   76%|        | 76067/100000 [20:03<09:54, 40.24it/s]
Training Step:   76%|        | 76072/100000 [20:03<09:32, 41.79it/s]
Training Step:   76%|        | 76077/100000 [20:03<09:17, 42.94it/s]
Training Step:   76%|        | 76082/100000 [20:03<09:09,
43.55it/s][INFO] Episode ended! Scenario Index: 1004 Reason: crash
vehicle

Training Step:   76%|        | 76087/100000 [20:03<09:43, 40.96it/s]
Training Step:   76%|        | 76095/100000 [20:03<07:50, 50.85it/s]
Training Step:   76%|        | 76103/100000 [20:03<06:52, 57.94it/s]
Training Step:   76%|        | 76111/100000 [20:03<06:21, 62.64it/s]
Training Step:   76%|        | 76118/100000 [20:03<06:09, 64.68it/s]
Training Step:   76%|        | 76126/100000 [20:04<05:48, 68.45it/s]
Training Step:   76%|        | 76134/100000 [20:04<05:37, 70.75it/s]
Training Step:   76%|        | 76142/100000 [20:04<05:41, 69.80it/s]
Training Step:   76%|        | 76150/100000 [20:04<05:39, 70.29it/s]
Training Step:   76%|        | 76158/100000 [20:04<05:34, 71.21it/s]
Training Step:   76%|        | 76166/100000 [20:04<05:37, 70.69it/s]
Training Step:   76%|        | 76174/100000 [20:04<05:35, 71.04it/s]
Training Step:   76%|        | 76182/100000 [20:04<05:50, 67.95it/s]
Training Step:   76%|        | 76189/100000 [20:04<05:57, 66.54it/s]
Training Step:   76%|        | 76196/100000 [20:05<06:08, 64.67it/s]
Training Step:   76%|        | 76203/100000 [20:05<06:00, 65.93it/s]
Training Step:   76%|        | 76210/100000 [20:05<06:04, 65.25it/s]
Training Step:   76%|        | 76217/100000 [20:05<06:01, 65.84it/s]
Training Step:   76%|        | 76224/100000 [20:05<06:03, 65.35it/s]
Training Step:   76%|        | 76231/100000 [20:05<06:00,
```

65.92it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

```
Training Step:  76%|        | 76238/100000 [20:05<07:01, 56.32it/s]
Training Step:  76%|        | 76247/100000 [20:05<06:12, 63.77it/s]
Training Step:  76%|        | 76256/100000 [20:05<05:43, 69.04it/s]
Training Step:  76%|        | 76264/100000 [20:06<05:44, 68.84it/s]
Training Step:  76%|        | 76272/100000 [20:06<05:48, 68.18it/s]
Training Step:  76%|        | 76279/100000 [20:06<05:55, 66.70it/s]
Training Step:  76%|        | 76286/100000 [20:06<06:06, 64.63it/s]
Training Step:  76%|        | 76293/100000 [20:06<06:05, 64.85it/s]
Training Step:  76%|        | 76300/100000 [20:06<06:15, 63.14it/s]
Training Step:  76%|        | 76307/100000 [20:06<06:26, 61.34it/s]
Training Step:  76%|        | 76314/100000 [20:06<06:40, 59.16it/s]
Training Step:  76%|        | 76320/100000 [20:06<06:39, 59.21it/s]
Training Step:  76%|        | 76326/100000 [20:07<06:41, 58.94it/s]
Training Step:  76%|        | 76333/100000 [20:07<06:32, 60.34it/s]
Training Step:  76%|        | 76340/100000 [20:07<06:34, 60.02it/s]
Training Step:  76%|        | 76347/100000 [20:07<06:39, 59.13it/s]
Training Step:  76%|        | 76353/100000 [20:07<06:44, 58.42it/s]
Training Step:  76%|        | 76359/100000 [20:07<06:43, 58.53it/s]
Training Step:  76%|        | 76365/100000 [20:07<06:42, 58.78it/s]
Training Step:  76%|        | 76372/100000 [20:07<06:40, 58.95it/s]
Training Step:  76%|        | 76378/100000 [20:07<06:39, 59.08it/s]
Training Step:  76%|        | 76385/100000 [20:08<06:26, 61.15it/s]
Training Step:  76%|        | 76392/100000 [20:08<06:30, 60.40it/s]
Training Step:  76%|        | 76399/100000 [20:08<07:00, 56.18it/s]
Training Step:  76%|        | 76405/100000 [20:08<07:08, 55.02it/s]
Training Step:  76%|        | 76411/100000 [20:08<07:13, 54.46it/s]
Training Step:  76%|        | 76417/100000 [20:08<07:18, 53.78it/s]
Training Step:  76%|        | 76423/100000 [20:08<07:20, 53.58it/s]
Training Step:  76%|        | 76429/100000 [20:08<07:28, 52.61it/s]
Training Step:  76%|        | 76435/100000 [20:09<07:35, 51.68it/s]
Training Step:  76%|        | 76441/100000 [20:09<07:53, 49.78it/s]
Training Step:  76%|        | 76447/100000 [20:09<07:42, 50.91it/s]
Training Step:  76%|        | 76453/100000 [20:09<08:28, 46.32it/s]
Training Step:  76%|        | 76458/100000 [20:09<08:19, 47.11it/s]
Training Step:  76%|        | 76465/100000 [20:09<07:34, 51.73it/s]
Training Step:  76%|        | 76472/100000 [20:09<07:12, 54.43it/s]
Training Step:  76%|        | 76479/100000 [20:09<06:57, 56.33it/s]
Training Step:  76%|        | 76485/100000 [20:09<07:18, 53.57it/s]
Training Step:  76%|        | 76491/100000 [20:10<07:08, 54.84it/s]
Training Step:  76%|        | 76497/100000 [20:10<07:00, 55.92it/s]
Training Step:  77%|        | 76504/100000 [20:10<06:49, 57.36it/s]
Training Step:  77%|        | 76510/100000 [20:10<06:46, 57.77it/s]
Training Step:  77%|        | 76517/100000 [20:10<06:34, 59.54it/s]
Training Step:  77%|        | 76524/100000 [20:10<06:31, 59.95it/s]
Training Step:  77%|        | 76531/100000 [20:10<06:22, 61.38it/s]
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357

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Training Step:   77%|          | 76538/100000 [20:10<06:13, 62.74it/s]
Training Step:   77%|          | 76545/100000 [20:10<06:12, 63.01it/s]
Training Step:   77%|          | 76552/100000 [20:11<06:25, 60.86it/s]
Training Step:   77%|          | 76559/100000 [20:11<06:42, 58.26it/s]
Training Step:   77%|          | 76565/100000 [20:11<06:53, 56.62it/s]
Training Step:   77%|          | 76571/100000 [20:11<06:55, 56.38it/s]
Training Step:   77%|          | 76577/100000 [20:11<06:52, 56.75it/s]
Training Step:   77%|          | 76583/100000 [20:11<07:07, 54.76it/s]
Training Step:   77%|          | 76589/100000 [20:11<08:14, 47.38it/s]
Training Step:   77%|          | 76595/100000 [20:11<08:00, 48.70it/s]
Training Step:   77%|          | 76601/100000 [20:12<07:56, 49.07it/s]
Training Step:   77%|          | 76607/100000 [20:12<07:54, 49.35it/s]
Training Step:   77%|          | 76613/100000 [20:12<07:35, 51.31it/s]
Training Step:   77%|          | 76619/100000 [20:12<07:21, 52.92it/s]
Training Step:   77%|          | 76625/100000 [20:12<07:14, 53.75it/s]
Training Step:   77%|          | 76632/100000 [20:12<06:57, 55.93it/s]
Training Step:   77%|          | 76639/100000 [20:12<06:42, 58.04it/s]
Training Step:   77%|          | 76645/100000 [20:12<06:44, 57.78it/s]
Training Step:   77%|          | 76652/100000 [20:12<06:35, 59.06it/s]
Training Step:   77%|          | 76659/100000 [20:13<06:27, 60.26it/s]
Training Step:   77%|          | 76666/100000 [20:13<06:22, 60.94it/s]
Training Step:   77%|          | 76673/100000 [20:13<06:22, 60.91it/s]
Training Step:   77%|          | 76680/100000 [20:13<06:25, 60.42it/s]
Training Step:   77%|          | 76687/100000 [20:13<06:27, 60.12it/s]
Training Step:   77%|          | 76694/100000 [20:13<06:36, 58.83it/s]
Training Step:   77%|          | 76701/100000 [20:13<06:17, 61.64it/s]
Training Step:   77%|          | 76708/100000 [20:13<06:10, 62.90it/s]
Training Step:   77%|          | 76716/100000 [20:13<05:52, 66.01it/s]
Training Step:   77%|          | 76723/100000 [20:14<05:47, 66.94it/s]
Training Step:   77%|          | 76731/100000 [20:14<05:38, 68.70it/s]
Training Step:   77%|          | 76739/100000 [20:14<05:28,
70.70it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:   77%|          | 76747/100000 [20:14<06:31, 59.46it/s]
Training Step:   77%|          | 76754/100000 [20:14<06:20, 61.02it/s]
Training Step:   77%|          | 76761/100000 [20:14<06:08, 63.01it/s]
Training Step:   77%|          | 76768/100000 [20:14<06:18, 61.42it/s]
Training Step:   77%|          | 76775/100000 [20:14<06:24, 60.33it/s]
Training Step:   77%|          | 76782/100000 [20:15<06:34, 58.84it/s]
Training Step:   77%|          | 76788/100000 [20:15<06:34, 58.84it/s]
Training Step:   77%|          | 76795/100000 [20:15<06:24, 60.39it/s]
Training Step:   77%|          | 76802/100000 [20:15<06:31, 59.29it/s]
Training Step:   77%|          | 76809/100000 [20:15<06:27, 59.91it/s]
Training Step:   77%|          | 76816/100000 [20:15<06:35, 58.67it/s]
Training Step:   77%|          | 76822/100000 [20:15<06:33, 58.85it/s]
Training Step:   77%|          | 76828/100000 [20:15<06:32, 58.98it/s]
Training Step:   77%|          | 76835/100000 [20:15<06:26, 59.96it/s]
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Training Step:    77%|          | 76842/100000 [20:16<06:25, 60.08it/s]
Training Step:    77%|          | 76849/100000 [20:16<06:14, 61.79it/s]
Training Step:    77%|          | 76856/100000 [20:16<06:18, 61.18it/s]
Training Step:    77%|          | 76863/100000 [20:16<06:34, 58.60it/s]
Training Step:    77%|          | 76869/100000 [20:16<07:05, 54.34it/s]
Training Step:    77%|          | 76875/100000 [20:16<07:22, 52.28it/s]
Training Step:    77%|          | 76881/100000 [20:16<07:40, 50.25it/s]
Training Step:    77%|          | 76887/100000 [20:16<07:48, 49.34it/s]
Training Step:    77%|          | 76892/100000 [20:17<07:59, 48.16it/s]
Training Step:    77%|          | 76897/100000 [20:17<07:57, 48.39it/s]
Training Step:    77%|          | 76902/100000 [20:17<08:05, 47.54it/s]
Training Step:    77%|          | 76907/100000 [20:17<08:09, 47.18it/s]
Training Step:    77%|          | 76912/100000 [20:17<08:25, 45.69it/s]
Training Step:    77%|          | 76917/100000 [20:17<08:32, 45.02it/s]
Training Step:    77%|          | 76922/100000 [20:17<08:39,
44.44it/s][INFO] Episode ended! Scenario Index: 1004 Reason: crash
vehicle

Training Step:    77%|          | 76927/100000 [20:17<09:59, 38.52it/s]
Training Step:    77%|          | 76935/100000 [20:17<08:04, 47.58it/s]
Training Step:    77%|          | 76942/100000 [20:18<07:19, 52.50it/s]
Training Step:    77%|          | 76950/100000 [20:18<06:32, 58.68it/s]
Training Step:    77%|          | 76957/100000 [20:18<06:20, 60.59it/s]
Training Step:    77%|          | 76964/100000 [20:18<06:18, 60.84it/s]
Training Step:    77%|          | 76971/100000 [20:18<06:26, 59.59it/s]
Training Step:    77%|          | 76978/100000 [20:18<06:22, 60.13it/s]
Training Step:    77%|          | 76985/100000 [20:18<06:14, 61.47it/s]
Training Step:    77%|          | 76992/100000 [20:18<06:21, 60.33it/s]
Training Step:    77%|          | 76999/100000 [20:18<06:19, 60.65it/s]
Training Step:    77%|          | 77006/100000 [20:19<06:28, 59.17it/s]
Training Step:    77%|          | 77012/100000 [20:19<06:32, 58.61it/s]
Training Step:    77%|          | 77018/100000 [20:19<06:30, 58.83it/s]
Training Step:    77%|          | 77025/100000 [20:19<06:24, 59.78it/s]
Training Step:    77%|          | 77032/100000 [20:19<06:17, 60.77it/s]
Training Step:    77%|          | 77039/100000 [20:19<06:05, 62.81it/s]
Training Step:    77%|          | 77046/100000 [20:19<06:07, 62.38it/s]
Training Step:    77%|          | 77053/100000 [20:19<06:06, 62.58it/s]
Training Step:    77%|          | 77060/100000 [20:19<06:10, 61.89it/s]
Training Step:    77%|          | 77067/100000 [20:20<05:58, 63.95it/s]
Training Step:    77%|          | 77074/100000 [20:20<06:04, 62.96it/s]
Training Step:    77%|          | 77081/100000 [20:20<05:54, 64.64it/s]
Training Step:    77%|          | 77088/100000 [20:20<05:52, 64.96it/s]
Training Step:    77%|          | 77095/100000 [20:20<05:54, 64.55it/s]
Training Step:    77%|          | 77102/100000 [20:20<06:10, 61.72it/s]
Training Step:    77%|          | 77109/100000 [20:20<06:11, 61.63it/s]
Training Step:    77%|          | 77116/100000 [20:20<06:16, 60.76it/s]
Training Step:    77%|          | 77123/100000 [20:21<06:17, 60.63it/s]
Training Step:    77%|          | 77130/100000 [20:21<06:24, 59.47it/s]
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Training Step:   77%|          | 77136/100000 [20:21<06:36, 57.61it/s]
Training Step:   77%|          | 77142/100000 [20:21<06:38, 57.33it/s]
Training Step:   77%|          | 77148/100000 [20:21<06:46, 56.21it/s]
Training Step:   77%|          | 77154/100000 [20:21<06:53, 55.27it/s]
Training Step:   77%|          | 77160/100000 [20:21<07:09, 53.21it/s]
Training Step:   77%|          | 77166/100000 [20:21<07:12, 52.76it/s]
Training Step:   77%|          | 77172/100000 [20:21<07:07, 53.42it/s]
Training Step:   77%|          | 77178/100000 [20:22<06:57, 54.62it/s]
Training Step:   77%|          | 77184/100000 [20:22<06:56, 54.75it/s]
Training Step:   77%|          | 77190/100000 [20:22<07:00, 54.24it/s]
Training Step:   77%|          | 77196/100000 [20:22<07:05, 53.61it/s]
Training Step:   77%|          | 77202/100000 [20:22<07:13, 52.54it/s]
Training Step:   77%|          | 77208/100000 [20:22<07:12, 52.69it/s]
Training Step:   77%|          | 77214/100000 [20:22<07:12, 52.67it/s]
Training Step:   77%|          | 77220/100000 [20:22<07:11, 52.80it/s]
Training Step:   77%|          | 77226/100000 [20:22<07:14, 52.47it/s]
Training Step:   77%|          | 77232/100000 [20:23<07:08, 53.08it/s]
Training Step:   77%|          | 77238/100000 [20:23<07:14, 52.39it/s]
Training Step:   77%|          | 77244/100000 [20:23<07:12, 52.60it/s]
Training Step:   77%|          | 77250/100000 [20:23<07:18, 51.93it/s]
Training Step:   77%|          | 77256/100000 [20:23<07:04, 53.53it/s]
Training Step:   77%|          | 77262/100000 [20:23<07:01, 53.98it/s]
Training Step:   77%|          | 77268/100000 [20:23<06:50,
55.34it/s][INFO] Episode ended! Scenario Index: 1013 Reason: crash
vehicle

Training Step:   77%|          | 77274/100000 [20:23<07:56, 47.74it/s]
Training Step:   77%|          | 77282/100000 [20:23<06:50, 55.38it/s]
Training Step:   77%|          | 77290/100000 [20:24<06:07, 61.73it/s]
Training Step:   77%|          | 77297/100000 [20:24<05:57, 63.47it/s]
Training Step:   77%|          | 77304/100000 [20:24<06:17, 60.09it/s]
Training Step:   77%|          | 77311/100000 [20:24<06:45, 55.98it/s]
Training Step:   77%|          | 77317/100000 [20:24<06:47, 55.73it/s]
Training Step:   77%|          | 77323/100000 [20:24<07:18, 51.68it/s]
Training Step:   77%|          | 77329/100000 [20:24<07:13, 52.31it/s]
Training Step:   77%|          | 77335/100000 [20:24<07:00, 53.90it/s]
Training Step:   77%|          | 77341/100000 [20:25<07:33, 50.01it/s]
Training Step:   77%|          | 77347/100000 [20:25<08:04, 46.79it/s]
Training Step:   77%|          | 77352/100000 [20:25<08:32, 44.20it/s]
Training Step:   77%|          | 77357/100000 [20:25<09:00, 41.86it/s]
Training Step:   77%|          | 77362/100000 [20:25<09:00, 41.90it/s]
Training Step:   77%|          | 77368/100000 [20:25<08:39, 43.57it/s]
Training Step:   77%|          | 77374/100000 [20:25<08:12, 45.93it/s]
Training Step:   77%|          | 77380/100000 [20:25<07:55, 47.58it/s]
Training Step:   77%|          | 77386/100000 [20:26<07:38, 49.31it/s]
Training Step:   77%|          | 77392/100000 [20:26<07:24, 50.85it/s]
Training Step:   77%|          | 77398/100000 [20:26<07:13, 52.19it/s]
Training Step:   77%|          | 77404/100000 [20:26<07:04, 53.20it/s]
```

```
Training Step:  77%|          | 77410/100000 [20:26<06:51, 54.85it/s]
Training Step:  77%|          | 77416/100000 [20:26<06:44, 55.80it/s]
Training Step:  77%|          | 77422/100000 [20:26<07:01, 53.55it/s]
Training Step:  77%|          | 77428/100000 [20:26<07:18, 51.49it/s]
Training Step:  77%|          | 77434/100000 [20:26<07:24, 50.82it/s]
Training Step:  77%|          | 77440/100000 [20:27<07:23, 50.84it/s]
Training Step:  77%|          | 77446/100000 [20:27<07:21, 51.10it/s]
Training Step:  77%|          | 77452/100000 [20:27<07:18, 51.44it/s]
Training Step:  77%|          | 77458/100000 [20:27<07:02, 53.30it/s]
Training Step:  77%|          | 77464/100000 [20:27<07:07, 52.74it/s]
Training Step:  77%|          | 77470/100000 [20:27<07:05, 52.98it/s]
Training Step:  77%|          | 77476/100000 [20:27<07:09, 52.50it/s]
Training Step:  77%|          | 77482/100000 [20:27<07:06, 52.81it/s]
Training Step:  77%|          | 77488/100000 [20:27<06:59, 53.61it/s]
Training Step:  77%|          | 77494/100000 [20:28<06:59, 53.60it/s]
Training Step:  78%|          | 77500/100000 [20:28<06:51, 54.61it/s]
Training Step:  78%|          | 77506/100000 [20:28<06:49, 54.90it/s]
Training Step:  78%|          | 77512/100000 [20:28<07:09, 52.35it/s]
Training Step:  78%|          | 77518/100000 [20:28<08:37, 43.44it/s]
Training Step:  78%|          | 77523/100000 [20:28<08:49, 42.48it/s]
Training Step:  78%|          | 77528/100000 [20:28<09:16, 40.39it/s]
Training Step:  78%|          | 77533/100000 [20:28<08:53, 42.09it/s]
Training Step:  78%|          | 77538/100000 [20:29<08:53, 42.07it/s]
Training Step:  78%|          | 77543/100000 [20:29<08:49, 42.38it/s]
Training Step:  78%|          | 77548/100000 [20:29<08:55, 41.91it/s]
Training Step:  78%|          | 77553/100000 [20:29<08:55, 41.94it/s]
Training Step:  78%|          | 77558/100000 [20:29<08:40, 43.14it/s]
Training Step:  78%|          | 77563/100000 [20:29<08:33, 43.69it/s]
Training Step:  78%|          | 77568/100000 [20:29<08:19, 44.91it/s]
Training Step:  78%|          | 77573/100000 [20:29<08:04, 46.32it/s]
Training Step:  78%|          | 77579/100000 [20:30<07:40, 48.67it/s]
Training Step:  78%|          | 77585/100000 [20:30<07:18, 51.13it/s]
Training Step:  78%|          | 77591/100000 [20:30<07:10, 52.02it/s]
Training Step:  78%|          | 77597/100000 [20:30<07:04, 52.78it/s]
Training Step:  78%|          | 77603/100000 [20:30<07:01, 53.09it/s]
Training Step:  78%|          | 77609/100000 [20:30<07:26, 50.11it/s]
Training Step:  78%|          | 77615/100000 [20:30<07:40, 48.60it/s]
Training Step:  78%|          | 77620/100000 [20:30<07:43, 48.33it/s]
Training Step:  78%|          | 77625/100000 [20:30<07:41, 48.52it/s]
Training Step:  78%|          | 77630/100000 [20:31<07:54, 47.11it/s]
Training Step:  78%|          | 77635/100000 [20:31<07:57, 46.87it/s]
Training Step:  78%|          | 77640/100000 [20:31<08:13, 45.35it/s]
Training Step:  78%|          | 77645/100000 [20:31<08:17, 44.90it/s]
Training Step:  78%|          | 77650/100000 [20:31<08:33, 43.56it/s]
Training Step:  78%|          | 77655/100000 [20:31<08:16, 44.98it/s]
Training Step:  78%|          | 77660/100000 [20:31<08:28, 43.94it/s]
Training Step:  78%|          | 77665/100000 [20:31<09:12, 40.42it/s]
Training Step:  78%|          | 77670/100000 [20:31<08:52, 41.91it/s]
```

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Training Step:   78%|           | 77675/100000 [20:32<08:36, 43.24it/s]
Training Step:   78%|           | 77680/100000 [20:32<08:27, 44.00it/s]
Training Step:   78%|           | 77685/100000 [20:32<08:10, 45.51it/s]
Training Step:   78%|           | 77690/100000 [20:32<08:07, 45.74it/s]
Training Step:   78%|           | 77696/100000 [20:32<07:47, 47.74it/s]
Training Step:   78%|           | 77702/100000 [20:32<07:31, 49.37it/s]
Training Step:   78%|           | 77708/100000 [20:32<07:15, 51.18it/s]
Training Step:   78%|           | 77714/100000 [20:32<07:14, 51.35it/s]
Training Step:   78%|           | 77720/100000 [20:32<07:08, 52.02it/s]
Training Step:   78%|           | 77726/100000 [20:33<06:58, 53.19it/s]
Training Step:   78%|           | 77732/100000 [20:33<07:06, 52.18it/s]
Training Step:   78%|           | 77738/100000 [20:33<06:57, 53.30it/s]
Training Step:   78%|           | 77744/100000 [20:33<06:56, 53.38it/s]
Training Step:   78%|           | 77750/100000 [20:33<06:49, 54.31it/s]
Training Step:   78%|           | 77756/100000 [20:33<06:50, 54.24it/s]
Training Step:   78%|           | 77763/100000 [20:33<06:32, 56.63it/s]
Training Step:   78%|           | 77769/100000 [20:33<06:27, 57.36it/s]
Training Step:   78%|           | 77776/100000 [20:33<06:24,
57.74it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:   78%|           | 77782/100000 [20:34<07:56, 46.62it/s]
Training Step:   78%|           | 77789/100000 [20:34<07:12, 51.37it/s]
Training Step:   78%|           | 77796/100000 [20:34<06:54, 53.51it/s]
Training Step:   78%|           | 77803/100000 [20:34<06:28, 57.15it/s]
Training Step:   78%|           | 77809/100000 [20:34<06:31, 56.70it/s]
Training Step:   78%|           | 77815/100000 [20:34<06:30, 56.83it/s]
Training Step:   78%|           | 77821/100000 [20:34<06:27, 57.23it/s]
Training Step:   78%|           | 77827/100000 [20:34<06:35, 56.11it/s]
Training Step:   78%|           | 77833/100000 [20:35<06:30, 56.80it/s]
Training Step:   78%|           | 77839/100000 [20:35<06:30, 56.74it/s]
Training Step:   78%|           | 77845/100000 [20:35<07:12, 51.24it/s]
Training Step:   78%|           | 77851/100000 [20:35<07:09, 51.51it/s]
Training Step:   78%|           | 77857/100000 [20:35<07:03, 52.25it/s]
Training Step:   78%|           | 77863/100000 [20:35<06:56, 53.19it/s]
Training Step:   78%|           | 77869/100000 [20:35<06:43, 54.91it/s]
Training Step:   78%|           | 77876/100000 [20:35<06:35, 56.01it/s]
Training Step:   78%|           | 77882/100000 [20:35<06:29, 56.79it/s]
Training Step:   78%|           | 77888/100000 [20:36<06:38, 55.55it/s]
Training Step:   78%|           | 77894/100000 [20:36<06:31, 56.44it/s]
Training Step:   78%|           | 77900/100000 [20:36<06:31, 56.40it/s]
Training Step:   78%|           | 77906/100000 [20:36<06:58, 52.77it/s]
Training Step:   78%|           | 77912/100000 [20:36<07:12, 51.12it/s]
Training Step:   78%|           | 77918/100000 [20:36<07:28, 49.28it/s]
Training Step:   78%|           | 77923/100000 [20:36<07:39, 48.10it/s]
Training Step:   78%|           | 77928/100000 [20:36<07:44, 47.47it/s]
Training Step:   78%|           | 77933/100000 [20:36<08:00, 45.92it/s]
Training Step:   78%|           | 77938/100000 [20:37<07:58, 46.15it/s]
```

```
Training Step:  78%|        | 77944/100000 [20:37<07:36, 48.35it/s]
Training Step:  78%|        | 77950/100000 [20:37<07:14, 50.72it/s]
Training Step:  78%|        | 77956/100000 [20:37<07:05, 51.77it/s]
Training Step:  78%|        | 77962/100000 [20:37<07:20, 50.02it/s]
Training Step:  78%|        | 77968/100000 [20:37<07:09, 51.33it/s]
Training Step:  78%|        | 77974/100000 [20:37<06:55, 52.97it/s]
Training Step:  78%|        | 77980/100000 [20:37<06:42, 54.77it/s]
Training Step:  78%|        | 77986/100000 [20:37<06:47, 53.96it/s]
Training Step:  78%|        | 77992/100000 [20:38<06:37, 55.34it/s]
Training Step:  78%|        | 77998/100000 [20:38<06:32, 56.03it/s]
Training Step:  78%|        | 78004/100000 [20:38<06:57, 52.70it/s]
Training Step:  78%|        | 78010/100000 [20:38<06:49, 53.66it/s]
Training Step:  78%|        | 78016/100000 [20:38<06:48, 53.78it/s]
Training Step:  78%|        | 78022/100000 [20:38<06:44, 54.40it/s]
Training Step:  78%|        | 78028/100000 [20:38<06:54, 53.00it/s]
Training Step:  78%|        | 78034/100000 [20:38<07:05, 51.66it/s]
Training Step:  78%|        | 78040/100000 [20:38<06:58, 52.51it/s]
Training Step:  78%|        | 78046/100000 [20:39<07:00, 52.27it/s]
Training Step:  78%|        | 78052/100000 [20:39<07:03, 51.84it/s]
Training Step:  78%|        | 78058/100000 [20:39<07:18, 49.99it/s]
Training Step:  78%|        | 78064/100000 [20:39<07:52, 46.40it/s]
Training Step:  78%|        | 78069/100000 [20:39<08:06, 45.05it/s]
Training Step:  78%|        | 78074/100000 [20:39<08:00, 45.61it/s]
Training Step:  78%|        | 78080/100000 [20:39<07:42, 47.40it/s]
Training Step:  78%|        | 78085/100000 [20:39<07:51, 46.49it/s]
Training Step:  78%|        | 78090/100000 [20:40<07:51, 46.43it/s]
Training Step:  78%|        | 78096/100000 [20:40<07:37, 47.91it/s]
Training Step:  78%|        | 78101/100000 [20:40<07:45, 47.01it/s]
Training Step:  78%|        | 78106/100000 [20:40<08:06, 45.00it/s]
Training Step:  78%|        | 78111/100000 [20:40<08:01, 45.46it/s]
Training Step:  78%|        | 78116/100000 [20:40<07:55, 46.01it/s]
Training Step:  78%|        | 78122/100000 [20:40<07:33, 48.23it/s]
Training Step:  78%|        | 78128/100000 [20:40<07:17, 50.03it/s]
Training Step:  78%|        | 78134/100000 [20:40<07:09, 50.96it/s]
Training Step:  78%|        | 78140/100000 [20:41<07:05, 51.33it/s]
Training Step:  78%|        | 78146/100000 [20:41<06:56, 52.42it/s]
Training Step:  78%|        | 78152/100000 [20:41<06:45, 53.87it/s]
Training Step:  78%|        | 78159/100000 [20:41<06:28, 56.25it/s]
Training Step:  78%|        | 78166/100000 [20:41<06:22, 57.08it/s]
Training Step:  78%|        | 78173/100000 [20:41<06:09, 59.01it/s]
Training Step:  78%|        | 78180/100000 [20:41<06:06, 59.58it/s]
Training Step:  78%|        | 78187/100000 [20:41<05:53, 61.67it/s]
Training Step:  78%|        | 78194/100000 [20:41<05:48, 62.59it/s]
Training Step:  78%|        | 78202/100000 [20:42<05:31, 65.68it/s]
Training Step:  78%|        | 78210/100000 [20:42<05:18, 68.42it/s]
Training Step:  78%|        | 78218/100000 [20:42<05:07, 70.91it/s]
Training Step:  78%|        | 78227/100000 [20:42<04:51, 74.73it/s]
Training Step:  78%|        | 78235/100000 [20:42<04:47, 75.62it/s]
```

```
Training Step:  78%|        | 78243/100000 [20:42<04:42,
76.88it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
arrive_dest.

Training Step:  78%|        | 78251/100000 [20:42<05:37, 64.46it/s]
Training Step:  78%|        | 78258/100000 [20:42<05:33, 65.12it/s]
Training Step:  78%|        | 78266/100000 [20:42<05:23, 67.26it/s]
Training Step:  78%|        | 78273/100000 [20:43<05:22, 67.43it/s]
Training Step:  78%|        | 78280/100000 [20:43<05:41, 63.57it/s]
Training Step:  78%|        | 78287/100000 [20:43<05:45, 62.76it/s]
Training Step:  78%|        | 78294/100000 [20:43<05:51, 61.72it/s]
Training Step:  78%|        | 78301/100000 [20:43<05:53, 61.34it/s]
Training Step:  78%|        | 78308/100000 [20:43<06:01, 60.08it/s]
Training Step:  78%|        | 78315/100000 [20:43<05:59, 60.25it/s]
Training Step:  78%|        | 78322/100000 [20:43<06:07, 58.92it/s]
Training Step:  78%|        | 78328/100000 [20:44<06:09, 58.58it/s]
Training Step:  78%|        | 78334/100000 [20:44<06:14, 57.87it/s]
Training Step:  78%|        | 78340/100000 [20:44<06:13, 57.92it/s]
Training Step:  78%|        | 78346/100000 [20:44<06:14, 57.86it/s]
Training Step:  78%|        | 78352/100000 [20:44<06:18, 57.17it/s]
Training Step:  78%|        | 78358/100000 [20:44<06:15, 57.64it/s]
Training Step:  78%|        | 78364/100000 [20:44<06:13, 57.91it/s]
Training Step:  78%|        | 78370/100000 [20:44<06:10, 58.38it/s]
Training Step:  78%|        | 78376/100000 [20:44<06:08, 58.75it/s]
Training Step:  78%|        | 78382/100000 [20:44<06:17, 57.27it/s]
Training Step:  78%|        | 78388/100000 [20:45<06:17, 57.19it/s]
Training Step:  78%|        | 78394/100000 [20:45<06:16, 57.34it/s]
Training Step:  78%|        | 78400/100000 [20:45<06:22, 56.47it/s]
Training Step:  78%|        | 78406/100000 [20:45<06:18, 56.99it/s]
Training Step:  78%|        | 78412/100000 [20:45<06:26, 55.92it/s]
Training Step:  78%|        | 78418/100000 [20:45<06:32, 55.04it/s]
Training Step:  78%|        | 78424/100000 [20:45<07:01, 51.24it/s]
Training Step:  78%|        | 78430/100000 [20:45<07:01, 51.12it/s]
Training Step:  78%|        | 78436/100000 [20:45<06:50, 52.51it/s]
Training Step:  78%|        | 78442/100000 [20:46<06:44, 53.25it/s]
Training Step:  78%|        | 78448/100000 [20:46<06:33, 54.81it/s]
Training Step:  78%|        | 78454/100000 [20:46<06:36, 54.28it/s]
Training Step:  78%|        | 78460/100000 [20:46<06:59, 51.29it/s]
Training Step:  78%|        | 78466/100000 [20:46<07:18, 49.15it/s]
Training Step:  78%|        | 78471/100000 [20:46<07:30, 47.76it/s]
Training Step:  78%|        | 78476/100000 [20:46<07:49, 45.81it/s]
Training Step:  78%|        | 78481/100000 [20:46<07:47, 46.06it/s]
Training Step:  78%|        | 78486/100000 [20:47<07:52, 45.53it/s]
Training Step:  78%|        | 78491/100000 [20:47<07:49, 45.80it/s]
Training Step:  78%|        | 78496/100000 [20:47<07:57, 45.02it/s]
Training Step:  79%|        | 78501/100000 [20:47<07:59, 44.84it/s]
Training Step:  79%|        | 78506/100000 [20:47<08:08, 43.97it/s]
Training Step:  79%|        | 78511/100000 [20:47<08:02, 44.52it/s]
```

```
Training Step:   79%|        | 78516/100000 [20:47<07:58, 44.91it/s]
Training Step:   79%|        | 78522/100000 [20:47<07:42, 46.39it/s]
Training Step:   79%|        | 78527/100000 [20:47<07:47, 45.93it/s]
Training Step:   79%|        | 78532/100000 [20:48<08:02, 44.49it/s]
Training Step:   79%|        | 78537/100000 [20:48<08:06, 44.07it/s]
Training Step:   79%|        | 78542/100000 [20:48<08:22, 42.68it/s]
Training Step:   79%|        | 78547/100000 [20:48<08:07, 44.03it/s]
Training Step:   79%|        | 78552/100000 [20:48<08:11, 43.67it/s]
Training Step:   79%|        | 78557/100000 [20:48<07:57, 44.92it/s]
Training Step:   79%|        | 78562/100000 [20:48<08:10, 43.69it/s]
Training Step:   79%|        | 78567/100000 [20:48<08:00, 44.61it/s]
Training Step:   79%|        | 78572/100000 [20:48<08:01, 44.51it/s]
Training Step:   79%|        | 78577/100000 [20:49<08:02, 44.43it/s]
Training Step:   79%|        | 78582/100000 [20:49<08:10, 43.68it/s]
Training Step:   79%|        | 78587/100000 [20:49<08:03, 44.31it/s]
Training Step:   79%|        | 78592/100000 [20:49<08:24, 42.40it/s]
Training Step:   79%|        | 78597/100000 [20:49<08:27, 42.16it/s]
Training Step:   79%|        | 78602/100000 [20:49<08:46, 40.68it/s]
Training Step:   79%|        | 78607/100000 [20:49<08:47, 40.57it/s]
Training Step:   79%|        | 78612/100000 [20:49<08:36, 41.40it/s]
Training Step:   79%|        | 78617/100000 [20:50<08:25, 42.32it/s]
Training Step:   79%|        | 78622/100000 [20:50<08:18, 42.88it/s]
Training Step:   79%|        | 78627/100000 [20:50<07:58, 44.68it/s]
Training Step:   79%|        | 78632/100000 [20:50<07:55, 44.96it/s]
Training Step:   79%|        | 78637/100000 [20:50<07:40, 46.36it/s]
Training Step:   79%|        | 78642/100000 [20:50<07:39, 46.47it/s]
Training Step:   79%|        | 78648/100000 [20:50<07:24, 48.00it/s]
Training Step:   79%|        | 78654/100000 [20:50<07:20, 48.51it/s]
Training Step:   79%|        | 78660/100000 [20:50<07:16, 48.89it/s]
Training Step:   79%|        | 78666/100000 [20:51<07:10, 49.54it/s]
Training Step:   79%|        | 78671/100000 [20:51<07:11, 49.40it/s]
Training Step:   79%|        | 78676/100000 [20:51<07:19, 48.49it/s]
Training Step:   79%|        | 78682/100000 [20:51<07:16, 48.84it/s]
Training Step:   79%|        | 78688/100000 [20:51<07:12, 49.33it/s]
Training Step:   79%|        | 78694/100000 [20:51<07:05, 50.03it/s]
Training Step:   79%|        | 78700/100000 [20:51<06:53, 51.45it/s]
Training Step:   79%|        | 78706/100000 [20:51<06:52, 51.60it/s]
Training Step:   79%|        | 78712/100000 [20:51<06:49, 52.04it/s]
Training Step:   79%|        | 78718/100000 [20:52<06:41, 53.06it/s]
Training Step:   79%|        | 78724/100000 [20:52<06:36, 53.64it/s]
Training Step:   79%|        | 78731/100000 [20:52<06:18, 56.16it/s]
Training Step:   79%|        | 78738/100000 [20:52<06:05, 58.22it/s]
Training Step:   79%|        | 78746/100000 [20:52<05:46, 61.42it/s]
Training Step:   79%|        | 78753/100000 [20:52<05:37,
63.00it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:   79%|        | 78760/100000 [20:52<06:29, 54.58it/s]
```

```
Training Step:   79%|        | 78768/100000 [20:52<06:03, 58.47it/s]
Training Step:   79%|        | 78775/100000 [20:52<05:49, 60.65it/s]
Training Step:   79%|        | 78782/100000 [20:53<05:49, 60.71it/s]
Training Step:   79%|        | 78789/100000 [20:53<05:45, 61.35it/s]
Training Step:   79%|        | 78796/100000 [20:53<05:52, 60.08it/s]
Training Step:   79%|        | 78803/100000 [20:53<05:54, 59.85it/s]
Training Step:   79%|        | 78810/100000 [20:53<05:58, 59.09it/s]
Training Step:   79%|        | 78816/100000 [20:53<05:57, 59.33it/s]
Training Step:   79%|        | 78823/100000 [20:53<05:54, 59.80it/s]
Training Step:   79%|        | 78829/100000 [20:53<06:02, 58.37it/s]
Training Step:   79%|        | 78835/100000 [20:53<06:03, 58.17it/s]
Training Step:   79%|        | 78841/100000 [20:54<06:03, 58.20it/s]
Training Step:   79%|        | 78848/100000 [20:54<06:05, 57.94it/s]
Training Step:   79%|        | 78854/100000 [20:54<06:08, 57.44it/s]
Training Step:   79%|        | 78860/100000 [20:54<06:10, 57.03it/s]
Training Step:   79%|        | 78866/100000 [20:54<06:24, 54.93it/s]
Training Step:   79%|        | 78872/100000 [20:54<06:26, 54.67it/s]
Training Step:   79%|        | 78878/100000 [20:54<06:28, 54.34it/s]
Training Step:   79%|        | 78884/100000 [20:54<06:35, 53.38it/s]
Training Step:   79%|        | 78890/100000 [20:55<06:47, 51.81it/s]
Training Step:   79%|        | 78896/100000 [20:55<06:39, 52.88it/s]
Training Step:   79%|        | 78902/100000 [20:55<06:32, 53.71it/s]
Training Step:   79%|        | 78909/100000 [20:55<06:16, 56.05it/s]
Training Step:   79%|        | 78915/100000 [20:55<06:11, 56.75it/s]
Training Step:   79%|        | 78922/100000 [20:55<06:09, 57.11it/s]
Training Step:   79%|        | 78928/100000 [20:55<06:19, 55.46it/s]
Training Step:   79%|        | 78934/100000 [20:55<06:24, 54.78it/s]
Training Step:   79%|        | 78940/100000 [20:55<06:30, 53.99it/s]
Training Step:   79%|        | 78946/100000 [20:56<06:48, 51.55it/s]
Training Step:   79%|        | 78952/100000 [20:56<06:51, 51.13it/s]
Training Step:   79%|        | 78958/100000 [20:56<06:57, 50.41it/s]
Training Step:   79%|        | 78964/100000 [20:56<06:52, 51.05it/s]
Training Step:   79%|        | 78970/100000 [20:56<06:50, 51.27it/s]
Training Step:   79%|        | 78976/100000 [20:56<06:49, 51.40it/s]
Training Step:   79%|        | 78982/100000 [20:56<07:02, 49.71it/s]
Training Step:   79%|        | 78988/100000 [20:56<07:04, 49.55it/s]
Training Step:   79%|        | 78994/100000 [20:57<07:09, 48.91it/s]
Training Step:   79%|        | 78999/100000 [20:57<07:17, 47.95it/s]
Training Step:   79%|        | 79004/100000 [20:57<07:40, 45.60it/s]
Training Step:   79%|        | 79009/100000 [20:57<08:07, 43.03it/s]
Training Step:   79%|        | 79014/100000 [20:57<08:16, 42.25it/s]
Training Step:   79%|        | 79019/100000 [20:57<08:18, 42.12it/s]
Training Step:   79%|        | 79024/100000 [20:57<08:24, 41.56it/s]
Training Step:   79%|        | 79029/100000 [20:57<08:25, 41.47it/s]
Training Step:   79%|        | 79034/100000 [20:57<08:28, 41.27it/s]
Training Step:   79%|        | 79039/100000 [20:58<08:30, 41.02it/s]
Training Step:   79%|        | 79044/100000 [20:58<08:30, 41.08it/s]
Training Step:   79%|        | 79049/100000 [20:58<08:30, 41.01it/s]
```

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Training Step:   79%|        | 79054/100000 [20:58<08:32, 40.90it/s]
Training Step:   79%|        | 79059/100000 [20:58<08:28, 41.17it/s]
Training Step:   79%|        | 79064/100000 [20:58<08:26, 41.35it/s]
Training Step:   79%|        | 79069/100000 [20:58<08:18, 41.96it/s]
Training Step:   79%|        | 79074/100000 [20:58<08:19, 41.89it/s]
Training Step:   79%|        | 79079/100000 [20:59<08:14, 42.29it/s]
Training Step:   79%|        | 79084/100000 [20:59<08:15, 42.21it/s]
Training Step:   79%|        | 79089/100000 [20:59<08:03, 43.24it/s]
Training Step:   79%|        | 79094/100000 [20:59<08:07, 42.87it/s]
Training Step:   79%|        | 79099/100000 [20:59<07:56, 43.84it/s]
Training Step:   79%|        | 79104/100000 [20:59<08:01, 43.39it/s]
Training Step:   79%|        | 79109/100000 [20:59<08:01, 43.39it/s]
Training Step:   79%|        | 79114/100000 [20:59<07:56, 43.87it/s]
Training Step:   79%|        | 79119/100000 [20:59<07:47, 44.69it/s]
Training Step:   79%|        | 79124/100000 [21:00<07:49, 44.44it/s]
Training Step:   79%|        | 79130/100000 [21:00<07:37, 45.59it/s]
Training Step:   79%|        | 79135/100000 [21:00<07:35, 45.79it/s]
Training Step:   79%|        | 79140/100000 [21:00<07:36, 45.69it/s]
Training Step:   79%|        | 79145/100000 [21:00<07:31, 46.18it/s]
Training Step:   79%|        | 79150/100000 [21:00<07:32, 46.08it/s]
Training Step:   79%|        | 79155/100000 [21:00<07:23, 47.04it/s]
Training Step:   79%|        | 79161/100000 [21:00<07:04, 49.06it/s]
Training Step:   79%|        | 79166/100000 [21:00<07:02, 49.30it/s]
Training Step:   79%|        | 79172/100000 [21:01<07:03, 49.23it/s]
Training Step:   79%|        | 79178/100000 [21:01<07:04, 49.08it/s]
Training Step:   79%|        | 79184/100000 [21:01<06:54, 50.28it/s]
Training Step:   79%|        | 79190/100000 [21:01<06:48,
50.98it/s][INFO] Episode ended! Scenario Index: 1006 Reason: crash
vehicle

Training Step:   79%|        | 79196/100000 [21:01<08:08, 42.62it/s]
Training Step:   79%|        | 79203/100000 [21:01<07:08, 48.56it/s]
Training Step:   79%|        | 79210/100000 [21:01<06:29, 53.41it/s]
Training Step:   79%|        | 79218/100000 [21:01<05:57, 58.11it/s]
Training Step:   79%|        | 79225/100000 [21:02<06:01, 57.39it/s]
Training Step:   79%|        | 79232/100000 [21:02<05:54, 58.55it/s]
Training Step:   79%|        | 79239/100000 [21:02<05:40, 60.94it/s]
Training Step:   79%|        | 79246/100000 [21:02<05:39, 61.08it/s]
Training Step:   79%|        | 79253/100000 [21:02<05:33, 62.15it/s]
Training Step:   79%|        | 79260/100000 [21:02<05:33, 62.28it/s]
Training Step:   79%|        | 79267/100000 [21:02<05:44, 60.18it/s]
Training Step:   79%|        | 79274/100000 [21:02<05:55, 58.27it/s]
Training Step:   79%|        | 79280/100000 [21:02<05:59,
57.66it/s][INFO] Episode ended! Scenario Index: 1002 Reason: crash
vehicle

Training Step:   79%|        | 79286/100000 [21:03<06:47, 50.83it/s]
Training Step:   79%|        | 79294/100000 [21:03<06:07, 56.34it/s]
```

```
Training Step:   79%|        | 79302/100000 [21:03<05:45, 59.82it/s]
Training Step:   79%|        | 79309/100000 [21:03<05:40, 60.74it/s]
Training Step:   79%|        | 79316/100000 [21:03<05:46, 59.71it/s]
Training Step:   79%|        | 79323/100000 [21:03<05:45, 59.85it/s]
Training Step:   79%|        | 79330/100000 [21:03<05:50, 59.02it/s]
Training Step:   79%|        | 79336/100000 [21:03<05:53, 58.47it/s]
Training Step:   79%|        | 79342/100000 [21:04<06:00, 57.33it/s]
Training Step:   79%|        | 79348/100000 [21:04<06:30, 52.85it/s]
Training Step:   79%|        | 79354/100000 [21:04<07:12, 47.72it/s]
Training Step:   79%|        | 79360/100000 [21:04<07:08, 48.13it/s]
Training Step:   79%|        | 79366/100000 [21:04<07:06, 48.44it/s]
Training Step:   79%|        | 79371/100000 [21:04<07:08, 48.10it/s]
Training Step:   79%|        | 79376/100000 [21:04<07:22, 46.64it/s]
Training Step:   79%|        | 79381/100000 [21:04<07:26, 46.18it/s]
Training Step:   79%|        | 79386/100000 [21:05<07:36, 45.12it/s]
Training Step:   79%|        | 79391/100000 [21:05<07:32, 45.57it/s]
Training Step:   79%|        | 79396/100000 [21:05<07:40, 44.70it/s]
Training Step:   79%|        | 79401/100000 [21:05<07:27, 46.02it/s]
Training Step:   79%|        | 79406/100000 [21:05<07:30, 45.72it/s]
Training Step:   79%|        | 79412/100000 [21:05<07:10, 47.84it/s]
Training Step:   79%|        | 79418/100000 [21:05<07:03, 48.65it/s]
Training Step:   79%|        | 79424/100000 [21:05<06:48, 50.37it/s]
Training Step:   79%|        | 79430/100000 [21:05<06:35, 52.02it/s]
Training Step:   79%|        | 79436/100000 [21:06<06:52, 49.81it/s]
Training Step:   79%|        | 79442/100000 [21:06<07:03, 48.51it/s]
Training Step:   79%|        | 79447/100000 [21:06<07:04, 48.39it/s]
Training Step:   79%|        | 79453/100000 [21:06<06:51, 49.91it/s]
Training Step:   79%|        | 79459/100000 [21:06<06:52, 49.81it/s]
Training Step:   79%|        | 79464/100000 [21:06<06:56, 49.33it/s]
Training Step:   79%|        | 79469/100000 [21:06<06:56, 49.24it/s]
Training Step:   79%|        | 79474/100000 [21:06<06:59, 48.91it/s]
Training Step:   79%|        | 79480/100000 [21:06<06:54, 49.53it/s]
Training Step:   79%|        | 79486/100000 [21:07<06:54, 49.55it/s]
Training Step:   79%|        | 79491/100000 [21:07<07:03, 48.39it/s]
Training Step:   79%|        | 79496/100000 [21:07<07:05, 48.22it/s]
Training Step:   80%|        | 79502/100000 [21:07<06:52, 49.71it/s]
Training Step:   80%|        | 79508/100000 [21:07<06:38, 51.43it/s]
Training Step:   80%|        | 79514/100000 [21:07<06:53, 49.53it/s]
Training Step:   80%|        | 79519/100000 [21:07<07:39, 44.61it/s]
Training Step:   80%|        | 79524/100000 [21:07<07:40, 44.51it/s]
Training Step:   80%|        | 79530/100000 [21:08<07:22, 46.30it/s]
Training Step:   80%|        | 79535/100000 [21:08<07:16, 46.90it/s]
Training Step:   80%|        | 79540/100000 [21:08<07:17, 46.73it/s]
Training Step:   80%|        | 79547/100000 [21:08<06:40, 51.05it/s]
Training Step:   80%|        | 79553/100000 [21:08<06:30, 52.40it/s]
Training Step:   80%|        | 79559/100000 [21:08<06:24, 53.18it/s]
Training Step:   80%|        | 79565/100000 [21:08<06:19, 53.88it/s]
Training Step:   80%|        | 79571/100000 [21:08<06:08, 55.44it/s]
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Training Step:  80%|        | 79577/100000 [21:08<05:59, 56.74it/s]
Training Step:  80%|        | 79583/100000 [21:08<06:00, 56.70it/s]
Training Step:  80%|        | 79589/100000 [21:09<06:03, 56.19it/s]
Training Step:  80%|        | 79595/100000 [21:09<05:59, 56.80it/s]
Training Step:  80%|        | 79602/100000 [21:09<05:54, 57.61it/s]
Training Step:  80%|        | 79608/100000 [21:09<06:03, 56.12it/s]
Training Step:  80%|        | 79614/100000 [21:09<06:07, 55.45it/s]
Training Step:  80%|        | 79620/100000 [21:09<06:10, 54.95it/s]
Training Step:  80%|        | 79626/100000 [21:09<06:11, 54.83it/s]
Training Step:  80%|        | 79632/100000 [21:09<06:15, 54.30it/s]
Training Step:  80%|        | 79638/100000 [21:09<06:31, 51.99it/s]
Training Step:  80%|        | 79644/100000 [21:10<06:38, 51.11it/s]
Training Step:  80%|        | 79650/100000 [21:10<06:35, 51.40it/s]
Training Step:  80%|        | 79656/100000 [21:10<06:36, 51.32it/s]
Training Step:  80%|        | 79662/100000 [21:10<06:41, 50.61it/s]
Training Step:  80%|        | 79668/100000 [21:10<06:36, 51.32it/s]
Training Step:  80%|        | 79674/100000 [21:10<06:47, 49.90it/s]
Training Step:  80%|        | 79680/100000 [21:10<06:49, 49.56it/s]
Training Step:  80%|        | 79686/100000 [21:10<06:36, 51.22it/s]
Training Step:  80%|        | 79692/100000 [21:11<06:24, 52.77it/s]
Training Step:  80%|        | 79698/100000 [21:11<06:19, 53.53it/s]
Training Step:  80%|        | 79704/100000 [21:11<06:13, 54.27it/s]
Training Step:  80%|        | 79710/100000 [21:11<06:17, 53.77it/s]
Training Step:  80%|        | 79716/100000 [21:11<06:23, 52.86it/s]
Training Step:  80%|        | 79722/100000 [21:11<06:29, 52.10it/s]
Training Step:  80%|        | 79728/100000 [21:11<06:43, 50.22it/s]
Training Step:  80%|        | 79734/100000 [21:11<06:46, 49.82it/s]
Training Step:  80%|        | 79739/100000 [21:11<06:52, 49.10it/s]
Training Step:  80%|        | 79744/100000 [21:12<06:50, 49.34it/s]
Training Step:  80%|        | 79750/100000 [21:12<06:40, 50.62it/s]
Training Step:  80%|        | 79756/100000 [21:12<06:37, 50.96it/s]
Training Step:  80%|        | 79762/100000 [21:12<06:24, 52.58it/s]
Training Step:  80%|        | 79768/100000 [21:12<06:14, 54.05it/s]
Training Step:  80%|        | 79774/100000 [21:12<06:03, 55.57it/s]
Training Step:  80%|        | 79781/100000 [21:12<05:49, 57.81it/s]
Training Step:  80%|        | 79788/100000 [21:12<05:42, 59.09it/s]
Training Step:  80%|        | 79794/100000 [21:12<05:45, 58.55it/s]
Training Step:  80%|        | 79800/100000 [21:13<05:45, 58.46it/s]
Training Step:  80%|        | 79807/100000 [21:13<05:34, 60.39it/s]
Training Step:  80%|        | 79814/100000 [21:13<05:39,
59.44it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:  80%|        | 79820/100000 [21:13<06:37, 50.72it/s]
Training Step:  80%|        | 79827/100000 [21:13<06:05, 55.17it/s]
Training Step:  80%|        | 79834/100000 [21:13<05:56, 56.54it/s]
Training Step:  80%|        | 79840/100000 [21:13<06:01, 55.83it/s]
Training Step:  80%|        | 79846/100000 [21:13<06:25, 52.26it/s]
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Training Step:  80%|          | 79852/100000 [21:14<06:30, 51.58it/s]
Training Step:  80%|          | 79858/100000 [21:14<06:35, 50.92it/s]
Training Step:  80%|          | 79864/100000 [21:14<06:37, 50.65it/s]
Training Step:  80%|          | 79870/100000 [21:14<06:40, 50.20it/s]
Training Step:  80%|          | 79876/100000 [21:14<06:44, 49.77it/s]
Training Step:  80%|          | 79881/100000 [21:14<06:43, 49.83it/s]
Training Step:  80%|          | 79886/100000 [21:14<07:17, 46.01it/s]
Training Step:  80%|          | 79892/100000 [21:14<07:09, 46.86it/s]
Training Step:  80%|          | 79898/100000 [21:14<06:56, 48.27it/s]
Training Step:  80%|          | 79904/100000 [21:15<06:47, 49.29it/s]
Training Step:  80%|          | 79910/100000 [21:15<06:32, 51.18it/s]
Training Step:  80%|          | 79916/100000 [21:15<06:18, 53.00it/s]
Training Step:  80%|          | 79922/100000 [21:15<06:18, 53.10it/s]
Training Step:  80%|          | 79928/100000 [21:15<06:15, 53.38it/s]
Training Step:  80%|          | 79934/100000 [21:15<06:12, 53.90it/s]
Training Step:  80%|          | 79940/100000 [21:15<06:15, 53.37it/s]
Training Step:  80%|          | 79946/100000 [21:15<06:14, 53.56it/s]
Training Step:  80%|          | 79952/100000 [21:15<06:15, 53.42it/s]
Training Step:  80%|          | 79958/100000 [21:16<06:15, 53.32it/s]
Training Step:  80%|          | 79964/100000 [21:16<06:34, 50.73it/s]
Training Step:  80%|          | 79970/100000 [21:16<06:33, 50.95it/s]
Training Step:  80%|          | 79976/100000 [21:16<06:39, 50.15it/s]
Training Step:  80%|          | 79982/100000 [21:16<06:39, 50.11it/s]
Training Step:  80%|          | 79988/100000 [21:16<06:37, 50.33it/s]
Training Step:  80%|          | 79994/100000 [21:16<06:39, 50.13it/s]
Training Step:  80%|          | 80000/100000 [21:16<06:50, 48.75it/s]
Training Step:  80%|          | 80006/100000 [21:17<06:35, 50.61it/s]
Training Step:  80%|          | 80012/100000 [21:17<06:27, 51.60it/s]
Training Step:  80%|          | 80018/100000 [21:17<06:27, 51.57it/s]
Training Step:  80%|          | 80024/100000 [21:17<06:20, 52.56it/s]
Training Step:  80%|          | 80030/100000 [21:17<06:12, 53.65it/s]
Training Step:  80%|          | 80036/100000 [21:17<06:12, 53.65it/s]
Training Step:  80%|          | 80042/100000 [21:17<06:09, 54.03it/s]
Training Step:  80%|          | 80048/100000 [21:17<06:09, 54.03it/s]
Training Step:  80%|          | 80054/100000 [21:17<06:15, 53.18it/s]
Training Step:  80%|          | 80060/100000 [21:18<06:07, 54.27it/s]
Training Step:  80%|          | 80066/100000 [21:18<06:09, 53.96it/s]
Training Step:  80%|          | 80072/100000 [21:18<06:11, 53.68it/s]
Training Step:  80%|          | 80078/100000 [21:18<06:21, 52.26it/s]
Training Step:  80%|          | 80084/100000 [21:18<06:26, 51.56it/s]
Training Step:  80%|          | 80090/100000 [21:18<06:30, 51.05it/s]
Training Step:  80%|          | 80096/100000 [21:18<06:25, 51.61it/s]
Training Step:  80%|          | 80102/100000 [21:18<06:12, 53.39it/s]
Training Step:  80%|          | 80108/100000 [21:18<06:10, 53.74it/s]
Training Step:  80%|          | 80114/100000 [21:19<06:06, 54.21it/s]
Training Step:  80%|          | 80120/100000 [21:19<06:10, 53.72it/s]
Training Step:  80%|          | 80126/100000 [21:19<06:20, 52.27it/s]
Training Step:  80%|          | 80132/100000 [21:19<06:25, 51.57it/s]
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Training Step:   80%|         | 80138/100000 [21:19<06:20, 52.22it/s]
Training Step:   80%|         | 80144/100000 [21:19<06:17, 52.61it/s]
Training Step:   80%|         | 80150/100000 [21:19<06:06, 54.16it/s]
Training Step:   80%|         | 80156/100000 [21:19<06:00, 54.97it/s]
Training Step:   80%|         | 80162/100000 [21:19<06:07, 53.95it/s]
Training Step:   80%|         | 80168/100000 [21:20<06:09, 53.69it/s]
Training Step:   80%|         | 80174/100000 [21:20<06:24, 51.58it/s]
Training Step:   80%|         | 80180/100000 [21:20<06:24, 51.60it/s]
Training Step:   80%|         | 80186/100000 [21:20<06:24, 51.51it/s]
Training Step:   80%|         | 80192/100000 [21:20<06:27, 51.13it/s]
Training Step:   80%|         | 80198/100000 [21:20<06:31, 50.61it/s]
Training Step:   80%|         | 80204/100000 [21:20<06:22, 51.77it/s]
Training Step:   80%|         | 80210/100000 [21:20<06:07, 53.84it/s]
Training Step:   80%|         | 80216/100000 [21:21<06:05, 54.14it/s]
Training Step:   80%|         | 80222/100000 [21:21<05:57, 55.31it/s]
Training Step:   80%|         | 80228/100000 [21:21<06:04, 54.19it/s]
Training Step:   80%|         | 80234/100000 [21:21<06:21, 51.76it/s]
Training Step:   80%|         | 80240/100000 [21:21<06:15, 52.57it/s]
Training Step:   80%|         | 80246/100000 [21:21<06:03, 54.30it/s]
Training Step:   80%|         | 80252/100000 [21:21<05:59, 54.97it/s]
Training Step:   80%|         | 80259/100000 [21:21<05:43,
57.43it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:   80%|         | 80265/100000 [21:21<06:24, 51.30it/s]
Training Step:   80%|         | 80271/100000 [21:22<06:25, 51.14it/s]
Training Step:   80%|         | 80279/100000 [21:22<05:43, 57.37it/s]
Training Step:   80%|         | 80286/100000 [21:22<05:29, 59.80it/s]
Training Step:   80%|         | 80294/100000 [21:22<05:13, 62.92it/s]
Training Step:   80%|         | 80302/100000 [21:22<05:01, 65.38it/s]
Training Step:   80%|         | 80309/100000 [21:22<05:14, 62.60it/s]
Training Step:   80%|         | 80316/100000 [21:22<05:30, 59.62it/s]
Training Step:   80%|         | 80323/100000 [21:22<05:37, 58.36it/s]
Training Step:   80%|         | 80329/100000 [21:22<05:43, 57.20it/s]
Training Step:   80%|         | 80335/100000 [21:23<06:07, 53.54it/s]
Training Step:   80%|         | 80341/100000 [21:23<06:03, 54.10it/s]
Training Step:   80%|         | 80347/100000 [21:23<06:08, 53.39it/s]
Training Step:   80%|         | 80353/100000 [21:23<06:13, 52.63it/s]
Training Step:   80%|         | 80359/100000 [21:23<06:09, 53.18it/s]
Training Step:   80%|         | 80365/100000 [21:23<06:10, 53.01it/s]
Training Step:   80%|         | 80371/100000 [21:23<06:03, 54.03it/s]
Training Step:   80%|         | 80377/100000 [21:23<06:04, 53.89it/s]
Training Step:   80%|         | 80383/100000 [21:24<06:24, 51.06it/s]
Training Step:   80%|         | 80389/100000 [21:24<06:21, 51.39it/s]
Training Step:   80%|         | 80395/100000 [21:24<06:27, 50.58it/s]
Training Step:   80%|         | 80401/100000 [21:24<06:49, 47.88it/s]
Training Step:   80%|         | 80406/100000 [21:24<07:10, 45.52it/s]
Training Step:   80%|         | 80411/100000 [21:24<07:05, 46.07it/s]
```

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Training Step:  80%|          | 80417/100000 [21:24<06:44, 48.37it/s]
Training Step:  80%|          | 80423/100000 [21:24<06:36, 49.32it/s]
Training Step:  80%|          | 80429/100000 [21:24<06:23, 51.09it/s]
Training Step:  80%|          | 80435/100000 [21:25<06:23, 51.00it/s]
Training Step:  80%|          | 80441/100000 [21:25<06:14, 52.23it/s]
Training Step:  80%|          | 80447/100000 [21:25<07:16, 44.82it/s]
Training Step:  80%|          | 80453/100000 [21:25<06:56, 46.88it/s]
Training Step:  80%|          | 80459/100000 [21:25<06:32, 49.83it/s]
Training Step:  80%|          | 80465/100000 [21:25<06:23, 50.91it/s]
Training Step:  80%|          | 80471/100000 [21:25<06:08, 52.97it/s]
Training Step:  80%|          | 80478/100000 [21:25<05:55, 54.91it/s]
Training Step:  80%|          | 80485/100000 [21:26<05:43, 56.84it/s]
Training Step:  80%|          | 80492/100000 [21:26<05:36, 58.04it/s]
Training Step:  80%|          | 80499/100000 [21:26<05:26, 59.80it/s]
Training Step:  81%|          | 80506/100000 [21:26<05:32, 58.63it/s]
Training Step:  81%|          | 80512/100000 [21:26<05:33, 58.47it/s]
Training Step:  81%|          | 80518/100000 [21:26<05:41, 57.00it/s]
Training Step:  81%|          | 80524/100000 [21:26<06:30, 49.91it/s]
Training Step:  81%|          | 80530/100000 [21:26<06:39, 48.76it/s]
Training Step:  81%|          | 80536/100000 [21:27<06:45, 47.96it/s]
Training Step:  81%|          | 80541/100000 [21:27<07:06, 45.61it/s]
Training Step:  81%|          | 80546/100000 [21:27<07:32, 42.98it/s]
Training Step:  81%|          | 80551/100000 [21:27<07:22, 43.94it/s]
Training Step:  81%|          | 80556/100000 [21:27<07:17, 44.41it/s]
Training Step:  81%|          | 80561/100000 [21:27<07:27, 43.47it/s]
Training Step:  81%|          | 80566/100000 [21:27<07:55, 40.88it/s]
Training Step:  81%|          | 80571/100000 [21:27<08:10, 39.57it/s]
Training Step:  81%|          | 80575/100000 [21:28<08:30, 38.06it/s]
Training Step:  81%|          | 80579/100000 [21:28<08:54, 36.33it/s]
Training Step:  81%|          | 80583/100000 [21:28<09:02, 35.81it/s]
Training Step:  81%|          | 80587/100000 [21:28<09:36, 33.65it/s]
Training Step:  81%|          | 80591/100000 [21:28<09:23, 34.47it/s]
Training Step:  81%|          | 80596/100000 [21:28<08:52, 36.43it/s]
Training Step:  81%|          | 80601/100000 [21:28<08:11, 39.45it/s]
Training Step:  81%|          | 80606/100000 [21:28<07:50, 41.18it/s]
Training Step:  81%|          | 80611/100000 [21:28<07:36, 42.43it/s]
Training Step:  81%|          | 80616/100000 [21:29<07:41, 41.97it/s]
Training Step:  81%|          | 80622/100000 [21:29<07:17,
44.33it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:  81%|          | 80628/100000 [21:29<08:04, 39.97it/s]
Training Step:  81%|          | 80634/100000 [21:29<07:14, 44.55it/s]
Training Step:  81%|          | 80640/100000 [21:29<06:47, 47.54it/s]
Training Step:  81%|          | 80647/100000 [21:29<06:10, 52.24it/s]
Training Step:  81%|          | 80654/100000 [21:29<05:44, 56.10it/s]
Training Step:  81%|          | 80662/100000 [21:29<05:23, 59.70it/s]
Training Step:  81%|          | 80669/100000 [21:30<05:16, 61.01it/s]
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Training Step:   81%|        | 80676/100000 [21:30<05:20, 60.33it/s]
Training Step:   81%|        | 80683/100000 [21:30<05:14, 61.45it/s]
Training Step:   81%|        | 80690/100000 [21:30<05:08, 62.60it/s]
Training Step:   81%|        | 80698/100000 [21:30<04:58, 64.56it/s]
Training Step:   81%|        | 80706/100000 [21:30<04:42, 68.25it/s]
Training Step:   81%|        | 80714/100000 [21:30<04:34, 70.37it/s]
Training Step:   81%|        | 80722/100000 [21:30<04:37, 69.36it/s]
Training Step:   81%|        | 80729/100000 [21:30<05:20, 60.20it/s]
Training Step:   81%|        | 80736/100000 [21:31<05:26, 58.94it/s]
Training Step:   81%|        | 80743/100000 [21:31<05:23, 59.48it/s]
Training Step:   81%|        | 80750/100000 [21:31<05:22, 59.73it/s]
Training Step:   81%|        | 80757/100000 [21:31<05:20, 60.06it/s]
Training Step:   81%|        | 80764/100000 [21:31<05:27,
58.65it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:   81%|        | 80770/100000 [21:31<06:09, 52.06it/s]
Training Step:   81%|        | 80776/100000 [21:31<06:08, 52.11it/s]
Training Step:   81%|        | 80784/100000 [21:31<05:29, 58.39it/s]
Training Step:   81%|        | 80792/100000 [21:32<05:13, 61.34it/s]
Training Step:   81%|        | 80800/100000 [21:32<04:58, 64.24it/s]
Training Step:   81%|        | 80808/100000 [21:32<04:49, 66.34it/s]
Training Step:   81%|        | 80816/100000 [21:32<04:46, 66.96it/s]
Training Step:   81%|        | 80823/100000 [21:32<04:42, 67.78it/s]
Training Step:   81%|        | 80830/100000 [21:32<04:52, 65.48it/s]
Training Step:   81%|        | 80837/100000 [21:32<04:53, 65.29it/s]
Training Step:   81%|        | 80844/100000 [21:32<05:02, 63.25it/s]
Training Step:   81%|        | 80851/100000 [21:32<05:07, 62.20it/s]
Training Step:   81%|        | 80858/100000 [21:33<05:16, 60.54it/s]
Training Step:   81%|        | 80865/100000 [21:33<05:09, 61.75it/s]
Training Step:   81%|        | 80872/100000 [21:33<05:16, 60.38it/s]
Training Step:   81%|        | 80879/100000 [21:33<05:06, 62.29it/s]
Training Step:   81%|        | 80886/100000 [21:33<05:02, 63.20it/s]
Training Step:   81%|        | 80893/100000 [21:33<05:03, 62.99it/s]
Training Step:   81%|        | 80900/100000 [21:33<05:11, 61.35it/s]
Training Step:   81%|        | 80907/100000 [21:33<05:12, 61.05it/s]
Training Step:   81%|        | 80914/100000 [21:33<05:18, 59.90it/s]
Training Step:   81%|        | 80921/100000 [21:34<05:25, 58.65it/s]
Training Step:   81%|        | 80927/100000 [21:34<05:56, 53.50it/s]
Training Step:   81%|        | 80933/100000 [21:34<06:11,
51.36it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:   81%|        | 80939/100000 [21:34<07:23, 42.99it/s]
Training Step:   81%|        | 80945/100000 [21:34<06:48, 46.61it/s]
Training Step:   81%|        | 80951/100000 [21:34<06:27, 49.14it/s]
Training Step:   81%|        | 80958/100000 [21:34<06:04, 52.19it/s]
Training Step:   81%|        | 80964/100000 [21:35<05:54, 53.65it/s]
```

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Training Step:   81%|          | 80971/100000 [21:35<05:36, 56.59it/s]
Training Step:   81%|          | 80978/100000 [21:35<05:20, 59.29it/s]
Training Step:   81%|          | 80985/100000 [21:35<05:15, 60.30it/s]
Training Step:   81%|          | 80992/100000 [21:35<05:20, 59.28it/s]
Training Step:   81%|          | 80999/100000 [21:35<05:12, 60.75it/s]
Training Step:   81%|          | 81006/100000 [21:35<05:44, 55.18it/s]
Training Step:   81%|          | 81012/100000 [21:35<05:55, 53.41it/s]
Training Step:   81%|          | 81018/100000 [21:35<05:56, 53.19it/s]
Training Step:   81%|          | 81024/100000 [21:36<06:07, 51.60it/s]
Training Step:   81%|          | 81030/100000 [21:36<06:06, 51.77it/s]
Training Step:   81%|          | 81036/100000 [21:36<06:14, 50.67it/s]
Training Step:   81%|          | 81042/100000 [21:36<06:17, 50.16it/s]
Training Step:   81%|          | 81048/100000 [21:36<06:08, 51.39it/s]
Training Step:   81%|          | 81054/100000 [21:36<06:17, 50.21it/s]
Training Step:   81%|          | 81060/100000 [21:36<06:22, 49.53it/s]
Training Step:   81%|          | 81065/100000 [21:36<06:31, 48.39it/s]
Training Step:   81%|          | 81070/100000 [21:37<06:28, 48.69it/s]
Training Step:   81%|          | 81075/100000 [21:37<06:30, 48.52it/s]
Training Step:   81%|          | 81081/100000 [21:37<06:15, 50.32it/s]
Training Step:   81%|          | 81087/100000 [21:37<06:03, 52.09it/s]
Training Step:   81%|          | 81093/100000 [21:37<05:57, 52.83it/s]
Training Step:   81%|          | 81099/100000 [21:37<06:00, 52.48it/s]
Training Step:   81%|          | 81105/100000 [21:37<06:04, 51.83it/s]
Training Step:   81%|          | 81111/100000 [21:37<06:20, 49.59it/s]
Training Step:   81%|          | 81116/100000 [21:37<06:26, 48.92it/s]
Training Step:   81%|          | 81122/100000 [21:38<06:29, 48.44it/s]
Training Step:   81%|          | 81128/100000 [21:38<06:26, 48.79it/s]
Training Step:   81%|          | 81134/100000 [21:38<06:15, 50.29it/s]
Training Step:   81%|          | 81140/100000 [21:38<06:08, 51.25it/s]
Training Step:   81%|          | 81146/100000 [21:38<06:24, 49.07it/s]
Training Step:   81%|          | 81151/100000 [21:38<06:29, 48.37it/s]
Training Step:   81%|          | 81156/100000 [21:38<06:31, 48.09it/s]
Training Step:   81%|          | 81162/100000 [21:38<06:25, 48.89it/s]
Training Step:   81%|          | 81168/100000 [21:38<06:26,
48.77it/s][INFO] Episode ended! Scenario Index: 1016 Reason: crash
vehicle

Training Step:   81%|          | 81173/100000 [21:39<07:16, 43.12it/s]
Training Step:   81%|          | 81180/100000 [21:39<06:30, 48.18it/s]
Training Step:   81%|          | 81187/100000 [21:39<05:49, 53.79it/s]
Training Step:   81%|          | 81194/100000 [21:39<05:30, 56.92it/s]
Training Step:   81%|          | 81201/100000 [21:39<05:20, 58.58it/s]
Training Step:   81%|          | 81208/100000 [21:39<05:19, 58.81it/s]
Training Step:   81%|          | 81215/100000 [21:39<05:13, 59.89it/s]
Training Step:   81%|          | 81222/100000 [21:39<05:06, 61.32it/s]
Training Step:   81%|          | 81230/100000 [21:40<04:54, 63.77it/s]
Training Step:   81%|          | 81237/100000 [21:40<04:49, 64.80it/s]
Training Step:   81%|          | 81244/100000 [21:40<05:16, 59.29it/s]
```

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Training Step:  81%|        | 81251/100000 [21:40<05:14, 59.60it/s]
Training Step:  81%|        | 81258/100000 [21:40<05:14, 59.69it/s]
Training Step:  81%|        | 81265/100000 [21:40<05:08, 60.79it/s]
Training Step:  81%|        | 81272/100000 [21:40<05:15, 59.27it/s]
Training Step:  81%|        | 81278/100000 [21:40<05:19, 58.66it/s]
Training Step:  81%|        | 81284/100000 [21:40<05:21, 58.30it/s]
Training Step:  81%|        | 81290/100000 [21:41<05:31, 56.50it/s]
Training Step:  81%|        | 81296/100000 [21:41<05:33, 56.07it/s]
Training Step:  81%|        | 81302/100000 [21:41<05:28, 57.01it/s]
Training Step:  81%|        | 81308/100000 [21:41<05:31, 56.47it/s]
Training Step:  81%|        | 81314/100000 [21:41<05:35, 55.73it/s]
Training Step:  81%|        | 81320/100000 [21:41<05:37, 55.37it/s]
Training Step:  81%|        | 81326/100000 [21:41<05:48,
53.65it/s][INFO] Episode ended! Scenario Index: 1019 Reason: crash
vehicle

Training Step:  81%|        | 81332/100000 [21:41<06:15, 49.66it/s]
Training Step:  81%|        | 81340/100000 [21:41<05:32, 56.11it/s]
Training Step:  81%|        | 81347/100000 [21:42<05:13, 59.49it/s]
Training Step:  81%|        | 81354/100000 [21:42<05:15, 59.14it/s]
Training Step:  81%|        | 81360/100000 [21:42<05:16, 58.92it/s]
Training Step:  81%|        | 81366/100000 [21:42<05:15, 59.13it/s]
Training Step:  81%|        | 81372/100000 [21:42<05:21, 57.99it/s]
Training Step:  81%|        | 81378/100000 [21:42<05:51, 53.00it/s]
Training Step:  81%|        | 81384/100000 [21:42<05:44, 54.08it/s]
Training Step:  81%|        | 81390/100000 [21:42<05:55, 52.40it/s]
Training Step:  81%|        | 81396/100000 [21:43<06:15, 49.51it/s]
Training Step:  81%|        | 81402/100000 [21:43<06:32, 47.37it/s]
Training Step:  81%|        | 81407/100000 [21:43<06:32, 47.32it/s]
Training Step:  81%|        | 81412/100000 [21:43<06:36, 46.92it/s]
Training Step:  81%|        | 81417/100000 [21:43<06:39, 46.50it/s]
Training Step:  81%|        | 81422/100000 [21:43<06:34, 47.13it/s]
Training Step:  81%|        | 81428/100000 [21:43<06:24, 48.31it/s]
Training Step:  81%|        | 81434/100000 [21:43<06:16, 49.35it/s]
Training Step:  81%|        | 81439/100000 [21:43<06:39, 46.48it/s]
Training Step:  81%|        | 81444/100000 [21:44<06:32, 47.30it/s]
Training Step:  81%|        | 81450/100000 [21:44<06:20, 48.79it/s]
Training Step:  81%|        | 81456/100000 [21:44<06:09, 50.21it/s]
Training Step:  81%|        | 81462/100000 [21:44<05:59, 51.63it/s]
Training Step:  81%|        | 81468/100000 [21:44<05:51, 52.78it/s]
Training Step:  81%|        | 81475/100000 [21:44<05:32, 55.72it/s]
Training Step:  81%|        | 81481/100000 [21:44<05:28, 56.36it/s]
Training Step:  81%|        | 81487/100000 [21:44<05:26, 56.75it/s]
Training Step:  81%|        | 81493/100000 [21:44<05:44, 53.69it/s]
Training Step:  81%|        | 81499/100000 [21:45<05:37, 54.82it/s]
Training Step:  82%|        | 81505/100000 [21:45<05:40, 54.30it/s]
Training Step:  82%|        | 81511/100000 [21:45<05:43, 53.87it/s]
Training Step:  82%|        | 81517/100000 [21:45<05:42, 53.98it/s]
```

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Training Step:  82%|         | 81523/100000 [21:45<05:39, 54.38it/s]
Training Step:  82%|         | 81529/100000 [21:45<05:37, 54.71it/s]
Training Step:  82%|         | 81535/100000 [21:45<05:34, 55.27it/s]
Training Step:  82%|         | 81541/100000 [21:45<05:43, 53.72it/s]
Training Step:  82%|         | 81547/100000 [21:45<05:43, 53.67it/s]
Training Step:  82%|         | 81553/100000 [21:46<05:38, 54.49it/s]
Training Step:  82%|         | 81559/100000 [21:46<05:39, 54.36it/s]
Training Step:  82%|         | 81565/100000 [21:46<05:36, 54.71it/s]
Training Step:  82%|         | 81571/100000 [21:46<05:29, 55.88it/s]
Training Step:  82%|         | 81577/100000 [21:46<05:33, 55.17it/s]
Training Step:  82%|         | 81583/100000 [21:46<05:30, 55.75it/s]
Training Step:  82%|         | 81589/100000 [21:46<05:25, 56.63it/s]
Training Step:  82%|         | 81595/100000 [21:46<05:29, 55.84it/s]
Training Step:  82%|         | 81602/100000 [21:46<05:23, 56.80it/s]
Training Step:  82%|         | 81609/100000 [21:47<05:16, 58.05it/s]
Training Step:  82%|         | 81615/100000 [21:47<05:48, 52.75it/s]
Training Step:  82%|         | 81621/100000 [21:47<06:00, 50.91it/s]
Training Step:  82%|         | 81627/100000 [21:47<06:05, 50.27it/s]
Training Step:  82%|         | 81633/100000 [21:47<06:01, 50.82it/s]
Training Step:  82%|         | 81639/100000 [21:47<06:00, 50.94it/s]
Training Step:  82%|         | 81645/100000 [21:47<05:53, 51.96it/s]
Training Step:  82%|         | 81651/100000 [21:47<05:50, 52.29it/s]
Training Step:  82%|         | 81657/100000 [21:47<05:44, 53.25it/s]
Training Step:  82%|         | 81663/100000 [21:48<05:43, 53.44it/s]
Training Step:  82%|         | 81669/100000 [21:48<05:37, 54.27it/s]
Training Step:  82%|         | 81676/100000 [21:48<05:26, 56.21it/s]
Training Step:  82%|         | 81682/100000 [21:48<05:25, 56.19it/s]
Training Step:  82%|         | 81688/100000 [21:48<05:25, 56.31it/s]
Training Step:  82%|         | 81695/100000 [21:48<05:13, 58.35it/s]
Training Step:  82%|         | 81702/100000 [21:48<05:01, 60.68it/s]
Training Step:  82%|         | 81709/100000 [21:48<04:51, 62.68it/s]
Training Step:  82%|         | 81716/100000 [21:48<04:48, 63.33it/s]
Training Step:  82%|         | 81723/100000 [21:49<04:46, 63.80it/s]
Training Step:  82%|         | 81730/100000 [21:49<04:56, 61.69it/s]
Training Step:  82%|         | 81738/100000 [21:49<04:41, 64.79it/s]
Training Step:  82%|         | 81746/100000 [21:49<04:31,
67.33it/s][INFO] Episode ended! Scenario Index: 1017 Reason:
arrive_dest.

Training Step:  82%|         | 81753/100000 [21:49<05:31, 55.12it/s]
Training Step:  82%|         | 81760/100000 [21:49<05:20, 56.94it/s]
Training Step:  82%|         | 81767/100000 [21:49<05:09, 58.89it/s]
Training Step:  82%|         | 81774/100000 [21:49<05:05, 59.61it/s]
Training Step:  82%|         | 81781/100000 [21:50<05:07, 59.26it/s]
Training Step:  82%|         | 81788/100000 [21:50<05:16, 57.55it/s]
Training Step:  82%|         | 81794/100000 [21:50<05:19, 56.98it/s]
Training Step:  82%|         | 81800/100000 [21:50<05:22, 56.43it/s]
Training Step:  82%|         | 81806/100000 [21:50<05:31, 54.94it/s]
```

```
Training Step:   82%|        | 81812/100000 [21:50<05:34, 54.32it/s]
Training Step:   82%|        | 81818/100000 [21:50<05:36, 54.10it/s]
Training Step:   82%|        | 81824/100000 [21:50<05:37, 53.79it/s]
Training Step:   82%|        | 81830/100000 [21:50<05:41, 53.16it/s]
Training Step:   82%|        | 81836/100000 [21:51<05:33, 54.43it/s]
Training Step:   82%|        | 81842/100000 [21:51<05:30, 54.91it/s]
Training Step:   82%|        | 81848/100000 [21:51<05:27, 55.40it/s]
Training Step:   82%|        | 81854/100000 [21:51<05:22, 56.27it/s]
Training Step:   82%|        | 81860/100000 [21:51<05:26, 55.53it/s]
Training Step:   82%|        | 81866/100000 [21:51<05:24, 55.85it/s]
Training Step:   82%|        | 81872/100000 [21:51<05:49, 51.86it/s]
Training Step:   82%|        | 81878/100000 [21:51<06:02, 50.01it/s]
Training Step:   82%|        | 81884/100000 [21:51<06:22, 47.39it/s]
Training Step:   82%|        | 81889/100000 [21:52<06:29, 46.45it/s]
Training Step:   82%|        | 81894/100000 [21:52<06:40, 45.26it/s]
Training Step:   82%|        | 81899/100000 [21:52<06:36, 45.67it/s]
Training Step:   82%|        | 81904/100000 [21:52<06:41, 45.02it/s]
Training Step:   82%|        | 81909/100000 [21:52<06:36, 45.62it/s]
Training Step:   82%|        | 81914/100000 [21:52<06:33, 45.94it/s]
Training Step:   82%|        | 81919/100000 [21:52<06:28,
46.55it/s][INFO] Episode ended! Scenario Index: 1004 Reason: crash
vehicle

Training Step:   82%|        | 81924/100000 [21:52<08:11, 36.75it/s]
Training Step:   82%|        | 81931/100000 [21:53<06:51, 43.92it/s]
Training Step:   82%|        | 81938/100000 [21:53<06:05, 49.45it/s]
Training Step:   82%|        | 81945/100000 [21:53<05:33, 54.15it/s]
Training Step:   82%|        | 81951/100000 [21:53<05:33, 54.05it/s]
Training Step:   82%|        | 81957/100000 [21:53<05:39, 53.07it/s]
Training Step:   82%|        | 81963/100000 [21:53<05:37, 53.42it/s]
Training Step:   82%|        | 81969/100000 [21:53<05:36, 53.61it/s]
Training Step:   82%|        | 81975/100000 [21:53<05:30, 54.46it/s]
Training Step:   82%|        | 81981/100000 [21:53<05:31, 54.41it/s]
Training Step:   82%|        | 81987/100000 [21:54<05:38, 53.26it/s]
Training Step:   82%|        | 81993/100000 [21:54<05:44, 52.26it/s]
Training Step:   82%|        | 81999/100000 [21:54<05:45, 52.16it/s]
Training Step:   82%|        | 82005/100000 [21:54<06:03, 49.46it/s]
Training Step:   82%|        | 82010/100000 [21:54<06:03, 49.47it/s]
Training Step:   82%|        | 82016/100000 [21:54<05:57, 50.28it/s]
Training Step:   82%|        | 82022/100000 [21:54<05:57, 50.32it/s]
Training Step:   82%|        | 82028/100000 [21:54<05:58, 50.09it/s]
Training Step:   82%|        | 82034/100000 [21:55<06:04, 49.27it/s]
Training Step:   82%|        | 82040/100000 [21:55<06:09, 48.54it/s]
Training Step:   82%|        | 82045/100000 [21:55<06:11, 48.29it/s]
Training Step:   82%|        | 82050/100000 [21:55<06:24, 46.63it/s]
Training Step:   82%|        | 82055/100000 [21:55<06:27, 46.29it/s]
Training Step:   82%|        | 82060/100000 [21:55<06:26, 46.42it/s]
Training Step:   82%|        | 82065/100000 [21:55<06:20, 47.14it/s]
```

```
Training Step:  82%|        | 82070/100000 [21:55<06:23, 46.76it/s]
Training Step:  82%|        | 82075/100000 [21:55<06:17, 47.54it/s]
Training Step:  82%|        | 82080/100000 [21:56<06:19, 47.23it/s]
Training Step:  82%|        | 82085/100000 [21:56<06:19, 47.24it/s]
Training Step:  82%|        | 82091/100000 [21:56<06:10, 48.40it/s]
Training Step:  82%|        | 82096/100000 [21:56<06:21, 46.88it/s]
Training Step:  82%|        | 82101/100000 [21:56<06:30, 45.80it/s]
Training Step:  82%|        | 82106/100000 [21:56<06:38, 44.90it/s]
Training Step:  82%|        | 82111/100000 [21:56<06:38, 44.95it/s]
Training Step:  82%|        | 82116/100000 [21:56<06:41, 44.50it/s]
Training Step:  82%|        | 82122/100000 [21:56<06:23, 46.58it/s]
Training Step:  82%|        | 82127/100000 [21:57<06:29, 45.88it/s]
Training Step:  82%|        | 82132/100000 [21:57<06:55, 43.02it/s]
Training Step:  82%|        | 82137/100000 [21:57<06:49, 43.59it/s]
Training Step:  82%|        | 82142/100000 [21:57<07:03, 42.15it/s]
Training Step:  82%|        | 82147/100000 [21:57<08:02, 37.02it/s]
Training Step:  82%|        | 82151/100000 [21:57<08:04, 36.85it/s]
Training Step:  82%|        | 82156/100000 [21:57<07:47, 38.16it/s]
Training Step:  82%|        | 82161/100000 [21:57<07:24, 40.15it/s]
Training Step:  82%|        | 82166/100000 [21:58<07:15, 40.93it/s]
Training Step:  82%|        | 82171/100000 [21:58<07:04, 41.98it/s]
Training Step:  82%|        | 82176/100000 [21:58<06:48, 43.61it/s]
Training Step:  82%|        | 82181/100000 [21:58<06:35, 45.05it/s]
Training Step:  82%|        | 82186/100000 [21:58<06:51, 43.29it/s]
Training Step:  82%|        | 82191/100000 [21:58<07:07, 41.70it/s]
Training Step:  82%|        | 82196/100000 [21:58<06:57, 42.63it/s]
Training Step:  82%|        | 82201/100000 [21:58<06:43, 44.06it/s]
Training Step:  82%|        | 82206/100000 [21:58<06:41, 44.35it/s]
Training Step:  82%|        | 82212/100000 [21:59<06:30, 45.53it/s]
Training Step:  82%|        | 82217/100000 [21:59<06:21, 46.61it/s]
Training Step:  82%|        | 82222/100000 [21:59<06:15, 47.29it/s]
Training Step:  82%|        | 82228/100000 [21:59<06:07, 48.34it/s]
Training Step:  82%|        | 82233/100000 [21:59<06:14, 47.48it/s]
Training Step:  82%|        | 82238/100000 [21:59<06:15, 47.26it/s]
Training Step:  82%|        | 82244/100000 [21:59<06:03, 48.80it/s]
Training Step:  82%|        | 82250/100000 [21:59<05:54, 50.04it/s]
Training Step:  82%|        | 82256/100000 [21:59<05:55, 49.96it/s]
Training Step:  82%|        | 82262/100000 [22:00<05:55, 49.85it/s]
Training Step:  82%|        | 82268/100000 [22:00<05:53, 50.15it/s]
Training Step:  82%|        | 82274/100000 [22:00<05:51, 50.36it/s]
Training Step:  82%|        | 82280/100000 [22:00<05:55, 49.86it/s]
Training Step:  82%|        | 82285/100000 [22:00<06:04, 48.55it/s]
Training Step:  82%|        | 82290/100000 [22:00<06:17, 46.92it/s]
Training Step:  82%|        | 82295/100000 [22:00<06:18, 46.74it/s]
Training Step:  82%|        | 82300/100000 [22:00<06:24, 46.00it/s]
Training Step:  82%|        | 82305/100000 [22:00<06:34, 44.80it/s]
Training Step:  82%|        | 82310/100000 [22:01<06:42, 43.95it/s]
Training Step:  82%|        | 82316/100000 [22:01<06:27, 45.69it/s]
```

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Training Step:   82%|        | 82321/100000 [22:01<06:17, 46.84it/s]
Training Step:   82%|        | 82326/100000 [22:01<06:11, 47.58it/s]
Training Step:   82%|        | 82332/100000 [22:01<06:03, 48.61it/s]
Training Step:   82%|        | 82338/100000 [22:01<05:54, 49.84it/s]
Training Step:   82%|        | 82344/100000 [22:01<05:45, 51.09it/s]
Training Step:   82%|        | 82350/100000 [22:01<05:34, 52.83it/s]
Training Step:   82%|        | 82356/100000 [22:01<05:23, 54.53it/s]
Training Step:   82%|        | 82362/100000 [22:02<05:18, 55.46it/s]
Training Step:   82%|        | 82368/100000 [22:02<05:12, 56.44it/s]
Training Step:   82%|        | 82374/100000 [22:02<06:12, 47.36it/s]
Training Step:   82%|        | 82379/100000 [22:02<06:42, 43.80it/s]
Training Step:   82%|        | 82384/100000 [22:02<07:09, 41.05it/s]
Training Step:   82%|        | 82389/100000 [22:02<07:15, 40.47it/s]
Training Step:   82%|        | 82394/100000 [22:02<07:06, 41.29it/s]
Training Step:   82%|        | 82400/100000 [22:03<06:44, 43.49it/s]
Training Step:   82%|        | 82405/100000 [22:03<07:02, 41.62it/s]
Training Step:   82%|        | 82411/100000 [22:03<06:26, 45.53it/s]
Training Step:   82%|        | 82417/100000 [22:03<06:02, 48.54it/s]
Training Step:   82%|        | 82423/100000 [22:03<05:44, 51.07it/s]
Training Step:   82%|        | 82429/100000 [22:03<05:29,
53.38it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:   82%|        | 82435/100000 [22:03<06:15, 46.81it/s]
Training Step:   82%|        | 82441/100000 [22:03<05:59, 48.80it/s]
Training Step:   82%|        | 82448/100000 [22:03<05:33, 52.71it/s]
Training Step:   82%|        | 82454/100000 [22:04<05:22, 54.35it/s]
Training Step:   82%|        | 82460/100000 [22:04<05:46, 50.63it/s]
Training Step:   82%|        | 82466/100000 [22:04<05:54, 49.46it/s]
Training Step:   82%|        | 82472/100000 [22:04<06:01, 48.46it/s]
Training Step:   82%|        | 82478/100000 [22:04<05:57, 49.05it/s]
Training Step:   82%|        | 82483/100000 [22:04<06:17, 46.42it/s]
Training Step:   82%|        | 82488/100000 [22:04<06:25, 45.46it/s]
Training Step:   82%|        | 82494/100000 [22:04<06:09, 47.34it/s]
Training Step:   82%|        | 82499/100000 [22:05<06:07, 47.66it/s]
Training Step:   83%|        | 82504/100000 [22:05<06:19, 46.04it/s]
Training Step:   83%|        | 82510/100000 [22:05<06:14, 46.66it/s]
Training Step:   83%|        | 82515/100000 [22:05<06:16, 46.41it/s]
Training Step:   83%|        | 82520/100000 [22:05<06:16, 46.44it/s]
Training Step:   83%|        | 82525/100000 [22:05<06:12, 46.95it/s]
Training Step:   83%|        | 82530/100000 [22:05<06:15, 46.50it/s]
Training Step:   83%|        | 82535/100000 [22:05<06:09, 47.23it/s]
Training Step:   83%|        | 82540/100000 [22:05<06:12, 46.92it/s]
Training Step:   83%|        | 82546/100000 [22:06<06:00, 48.43it/s]
Training Step:   83%|        | 82552/100000 [22:06<05:55, 49.06it/s]
Training Step:   83%|        | 82558/100000 [22:06<05:51, 49.61it/s]
Training Step:   83%|        | 82563/100000 [22:06<05:56, 48.92it/s]
Training Step:   83%|        | 82568/100000 [22:06<06:14, 46.51it/s]
```

```
Training Step:  83%|          | 82573/100000 [22:06<06:14, 46.57it/s]
Training Step:  83%|          | 82578/100000 [22:06<06:22, 45.51it/s]
Training Step:  83%|          | 82584/100000 [22:06<06:15, 46.43it/s]
Training Step:  83%|          | 82589/100000 [22:06<06:27, 44.97it/s]
Training Step:  83%|          | 82594/100000 [22:07<06:17, 46.07it/s]
Training Step:  83%|          | 82600/100000 [22:07<06:10, 46.99it/s]
Training Step:  83%|          | 82606/100000 [22:07<05:59, 48.41it/s]
Training Step:  83%|          | 82612/100000 [22:07<05:49, 49.79it/s]
Training Step:  83%|          | 82618/100000 [22:07<05:50, 49.60it/s]
Training Step:  83%|          | 82624/100000 [22:07<05:50, 49.65it/s]
Training Step:  83%|          | 82630/100000 [22:07<05:40, 50.98it/s]
Training Step:  83%|          | 82636/100000 [22:07<05:34, 51.87it/s]
Training Step:  83%|          | 82642/100000 [22:08<06:09, 46.93it/s]
Training Step:  83%|          | 82647/100000 [22:08<06:13, 46.41it/s]
Training Step:  83%|          | 82652/100000 [22:08<06:27, 44.79it/s]
Training Step:  83%|          | 82657/100000 [22:08<06:15, 46.14it/s]
Training Step:  83%|          | 82662/100000 [22:08<06:08, 47.06it/s]
Training Step:  83%|          | 82668/100000 [22:08<05:58, 48.37it/s]
Training Step:  83%|          | 82674/100000 [22:08<05:52, 49.14it/s]
Training Step:  83%|          | 82680/100000 [22:08<05:46, 49.92it/s]
Training Step:  83%|          | 82686/100000 [22:08<05:47, 49.79it/s]
Training Step:  83%|          | 82692/100000 [22:09<05:41, 50.73it/s]
Training Step:  83%|          | 82698/100000 [22:09<05:47, 49.74it/s]
Training Step:  83%|          | 82704/100000 [22:09<05:45, 50.07it/s]
Training Step:  83%|          | 82710/100000 [22:09<05:45, 50.05it/s]
Training Step:  83%|          | 82716/100000 [22:09<05:37, 51.19it/s]
Training Step:  83%|          | 82722/100000 [22:09<05:26, 52.99it/s]
Training Step:  83%|          | 82728/100000 [22:09<05:30, 52.33it/s]
Training Step:  83%|          | 82734/100000 [22:09<05:33, 51.80it/s]
Training Step:  83%|          | 82740/100000 [22:09<05:37, 51.18it/s]
Training Step:  83%|          | 82746/100000 [22:10<05:39, 50.82it/s]
Training Step:  83%|          | 82752/100000 [22:10<05:40, 50.70it/s]
Training Step:  83%|          | 82758/100000 [22:10<05:31, 52.08it/s]
Training Step:  83%|          | 82764/100000 [22:10<05:30, 52.12it/s]
Training Step:  83%|          | 82770/100000 [22:10<05:22, 53.45it/s]
Training Step:  83%|          | 82776/100000 [22:10<05:22, 53.47it/s]
Training Step:  83%|          | 82782/100000 [22:10<05:23, 53.21it/s]
Training Step:  83%|          | 82788/100000 [22:10<05:29, 52.30it/s]
Training Step:  83%|          | 82794/100000 [22:11<05:36, 51.10it/s]
Training Step:  83%|          | 82800/100000 [22:11<05:40, 50.57it/s]
Training Step:  83%|          | 82806/100000 [22:11<05:35, 51.30it/s]
Training Step:  83%|          | 82812/100000 [22:11<05:34, 51.40it/s]
Training Step:  83%|          | 82818/100000 [22:11<05:29, 52.20it/s]
Training Step:  83%|          | 82824/100000 [22:11<05:21, 53.47it/s]
Training Step:  83%|          | 82830/100000 [22:11<05:16, 54.21it/s]
Training Step:  83%|          | 82836/100000 [22:11<05:21, 53.43it/s]
Training Step:  83%|          | 82842/100000 [22:11<05:11, 55.09it/s]
Training Step:  83%|          | 82848/100000 [22:12<05:05, 56.16it/s]
```

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Training Step:  83%|        | 82854/100000 [22:12<05:02, 56.68it/s]
Training Step:  83%|        | 82861/100000 [22:12<04:52, 58.60it/s]
Training Step:  83%|        | 82868/100000 [22:12<04:43, 60.38it/s]
Training Step:  83%|        | 82876/100000 [22:12<04:31, 63.01it/s]
Training Step:  83%|        | 82883/100000 [22:12<04:23, 64.96it/s]
Training Step:  83%|        | 82890/100000 [22:12<04:18,
66.21it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:  83%|        | 82897/100000 [22:12<05:03, 56.32it/s]
Training Step:  83%|        | 82904/100000 [22:12<04:46, 59.68it/s]
Training Step:  83%|        | 82912/100000 [22:13<04:32, 62.60it/s]
Training Step:  83%|        | 82919/100000 [22:13<04:28, 63.65it/s]
Training Step:  83%|        | 82926/100000 [22:13<04:28, 63.47it/s]
Training Step:  83%|        | 82933/100000 [22:13<04:21, 65.27it/s]
Training Step:  83%|        | 82940/100000 [22:13<04:17, 66.24it/s]
Training Step:  83%|        | 82947/100000 [22:13<04:16, 66.38it/s]
Training Step:  83%|        | 82954/100000 [22:13<04:20, 65.35it/s]
Training Step:  83%|        | 82961/100000 [22:13<04:30, 63.08it/s]
Training Step:  83%|        | 82968/100000 [22:13<04:33, 62.24it/s]
Training Step:  83%|        | 82975/100000 [22:14<04:36, 61.66it/s]
Training Step:  83%|        | 82982/100000 [22:14<04:40, 60.62it/s]
Training Step:  83%|        | 82989/100000 [22:14<04:45, 59.55it/s]
Training Step:  83%|        | 82995/100000 [22:14<04:51, 58.41it/s]
Training Step:  83%|        | 83001/100000 [22:14<04:50, 58.60it/s]
Training Step:  83%|        | 83007/100000 [22:14<04:50, 58.50it/s]
Training Step:  83%|        | 83013/100000 [22:14<04:49, 58.59it/s]
Training Step:  83%|        | 83019/100000 [22:14<04:54, 57.70it/s]
Training Step:  83%|        | 83025/100000 [22:14<04:51, 58.19it/s]
Training Step:  83%|        | 83031/100000 [22:15<04:54, 57.71it/s]
Training Step:  83%|        | 83037/100000 [22:15<04:51, 58.13it/s]
Training Step:  83%|        | 83044/100000 [22:15<04:50, 58.36it/s]
Training Step:  83%|        | 83050/100000 [22:15<04:48, 58.66it/s]
Training Step:  83%|        | 83056/100000 [22:15<04:48, 58.70it/s]
Training Step:  83%|        | 83063/100000 [22:15<04:43, 59.77it/s]
Training Step:  83%|        | 83070/100000 [22:15<04:44, 59.60it/s]
Training Step:  83%|        | 83076/100000 [22:15<04:47, 58.89it/s]
Training Step:  83%|        | 83082/100000 [22:15<04:51, 58.05it/s]
Training Step:  83%|        | 83088/100000 [22:16<05:44, 49.14it/s]
Training Step:  83%|        | 83094/100000 [22:16<05:56, 47.44it/s]
Training Step:  83%|        | 83099/100000 [22:16<05:57, 47.25it/s]
Training Step:  83%|        | 83104/100000 [22:16<06:06, 46.06it/s]
Training Step:  83%|        | 83109/100000 [22:16<06:33, 42.93it/s]
Training Step:  83%|        | 83114/100000 [22:16<06:52, 40.96it/s]
Training Step:  83%|        | 83119/100000 [22:16<06:51, 41.01it/s]
Training Step:  83%|        | 83124/100000 [22:16<06:54, 40.70it/s]
Training Step:  83%|        | 83129/100000 [22:17<06:49, 41.18it/s]
Training Step:  83%|        | 83134/100000 [22:17<06:57, 40.43it/s]
```

```
Training Step:  83%|         | 83139/100000 [22:17<06:44, 41.70it/s]
Training Step:  83%|         | 83144/100000 [22:17<06:41, 42.00it/s]
Training Step:  83%|         | 83149/100000 [22:17<06:46, 41.49it/s]
Training Step:  83%|         | 83154/100000 [22:17<06:35, 42.54it/s]
Training Step:  83%|         | 83159/100000 [22:17<06:27, 43.43it/s]
Training Step:  83%|         | 83164/100000 [22:17<06:26, 43.56it/s]
Training Step:  83%|         | 83169/100000 [22:17<06:15, 44.88it/s]
Training Step:  83%|         | 83174/100000 [22:18<06:15, 44.81it/s]
Training Step:  83%|         | 83179/100000 [22:18<06:07, 45.74it/s]
Training Step:  83%|         | 83184/100000 [22:18<06:13, 45.05it/s]
Training Step:  83%|         | 83190/100000 [22:18<05:59, 46.74it/s]
Training Step:  83%|         | 83195/100000 [22:18<05:56, 47.12it/s]
Training Step:  83%|         | 83200/100000 [22:18<05:51, 47.75it/s]
Training Step:  83%|         | 83205/100000 [22:18<05:50, 47.96it/s]
Training Step:  83%|         | 83210/100000 [22:18<05:50, 47.92it/s]
Training Step:  83%|         | 83216/100000 [22:18<05:36, 49.89it/s]
Training Step:  83%|         | 83222/100000 [22:19<05:31, 50.57it/s]
Training Step:  83%|         | 83228/100000 [22:19<05:31, 50.55it/s]
Training Step:  83%|         | 83234/100000 [22:19<05:30, 50.78it/s]
Training Step:  83%|         | 83240/100000 [22:19<05:38, 49.55it/s]
Training Step:  83%|         | 83246/100000 [22:19<05:35, 49.92it/s]
Training Step:  83%|         | 83252/100000 [22:19<05:33, 50.20it/s]
Training Step:  83%|         | 83258/100000 [22:19<05:30, 50.65it/s]
Training Step:  83%|         | 83264/100000 [22:19<05:24, 51.63it/s]
Training Step:  83%|         | 83270/100000 [22:19<05:16, 52.90it/s]
Training Step:  83%|         | 83276/100000 [22:20<05:19, 52.40it/s]
Training Step:  83%|         | 83283/100000 [22:20<04:59, 55.77it/s]
Training Step:  83%|         | 83290/100000 [22:20<04:42, 59.07it/s]
Training Step:  83%|         | 83297/100000 [22:20<04:31, 61.61it/s]
Training Step:  83%|         | 83304/100000 [22:20<04:30, 61.72it/s]
Training Step:  83%|         | 83311/100000 [22:20<04:25, 62.88it/s]
Training Step:  83%|         | 83318/100000 [22:20<04:28, 62.07it/s]
Training Step:  83%|         | 83325/100000 [22:20<04:28, 62.03it/s]
Training Step:  83%|         | 83332/100000 [22:20<04:27, 62.34it/s]
Training Step:  83%|         | 83340/100000 [22:21<04:16, 65.08it/s]
Training Step:  83%|         | 83348/100000 [22:21<04:08,
66.99it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:  83%|         | 83355/100000 [22:21<04:57, 56.02it/s]
Training Step:  83%|         | 83362/100000 [22:21<04:45, 58.32it/s]
Training Step:  83%|         | 83369/100000 [22:21<04:32, 60.98it/s]
Training Step:  83%|         | 83376/100000 [22:21<04:39, 59.45it/s]
Training Step:  83%|         | 83383/100000 [22:21<04:48, 57.62it/s]
Training Step:  83%|         | 83389/100000 [22:21<04:54, 56.36it/s]
Training Step:  83%|         | 83395/100000 [22:22<04:57, 55.85it/s]
Training Step:  83%|         | 83401/100000 [22:22<05:04, 54.48it/s]
Training Step:  83%|         | 83407/100000 [22:22<05:02, 54.93it/s]
```

```
Training Step:  83%|         | 83413/100000 [22:22<05:02, 54.81it/s]
Training Step:  83%|         | 83419/100000 [22:22<05:07, 53.98it/s]
Training Step:  83%|         | 83425/100000 [22:22<05:10, 53.43it/s]
Training Step:  83%|         | 83431/100000 [22:22<05:11, 53.19it/s]
Training Step:  83%|         | 83437/100000 [22:22<05:14, 52.61it/s]
Training Step:  83%|         | 83443/100000 [22:22<05:16, 52.34it/s]
Training Step:  83%|         | 83449/100000 [22:23<05:24, 51.05it/s]
Training Step:  83%|         | 83455/100000 [22:23<05:32, 49.73it/s]
Training Step:  83%|         | 83461/100000 [22:23<05:27, 50.46it/s]
Training Step:  83%|         | 83467/100000 [22:23<05:26, 50.62it/s]
Training Step:  83%|         | 83473/100000 [22:23<05:26, 50.66it/s]
Training Step:  83%|         | 83479/100000 [22:23<05:26, 50.57it/s]
Training Step:  83%|         | 83485/100000 [22:23<05:24, 50.83it/s]
Training Step:  83%|         | 83491/100000 [22:23<05:29, 50.08it/s]
Training Step:  83%|         | 83497/100000 [22:24<05:28, 50.24it/s]
Training Step:  84%|         | 83503/100000 [22:24<05:29, 50.04it/s]
Training Step:  84%|         | 83509/100000 [22:24<05:27, 50.30it/s]
Training Step:  84%|         | 83515/100000 [22:24<05:25, 50.60it/s]
Training Step:  84%|         | 83521/100000 [22:24<05:23, 50.99it/s]
Training Step:  84%|         | 83527/100000 [22:24<05:15, 52.20it/s]
Training Step:  84%|         | 83533/100000 [22:24<05:18, 51.69it/s]
Training Step:  84%|         | 83539/100000 [22:24<05:24, 50.65it/s]
Training Step:  84%|         | 83545/100000 [22:24<05:22, 50.97it/s]
Training Step:  84%|         | 83551/100000 [22:25<05:24, 50.67it/s]
Training Step:  84%|         | 83557/100000 [22:25<05:27, 50.24it/s]
Training Step:  84%|         | 83563/100000 [22:25<05:45, 47.60it/s]
Training Step:  84%|         | 83568/100000 [22:25<05:50, 46.86it/s]
Training Step:  84%|         | 83573/100000 [22:25<06:00, 45.53it/s]
Training Step:  84%|         | 83578/100000 [22:25<06:10, 44.26it/s]
Training Step:  84%|         | 83583/100000 [22:25<06:21, 43.06it/s]
Training Step:  84%|         | 83588/100000 [22:25<06:17, 43.51it/s]
Training Step:  84%|         | 83593/100000 [22:26<06:05, 44.87it/s]
Training Step:  84%|         | 83598/100000 [22:26<06:06, 44.80it/s]
Training Step:  84%|         | 83603/100000 [22:26<06:03, 45.12it/s]
Training Step:  84%|         | 83608/100000 [22:26<06:12, 44.03it/s]
Training Step:  84%|         | 83613/100000 [22:26<06:07, 44.62it/s]
Training Step:  84%|         | 83618/100000 [22:26<06:14, 43.73it/s]
Training Step:  84%|         | 83623/100000 [22:26<06:10, 44.25it/s]
Training Step:  84%|         | 83628/100000 [22:26<06:05, 44.84it/s]
Training Step:  84%|         | 83633/100000 [22:26<06:03, 45.08it/s]
Training Step:  84%|         | 83638/100000 [22:27<06:03, 45.07it/s]
Training Step:  84%|         | 83643/100000 [22:27<06:02, 45.06it/s]
Training Step:  84%|         | 83648/100000 [22:27<05:58, 45.67it/s]
Training Step:  84%|         | 83654/100000 [22:27<05:50, 46.61it/s]
Training Step:  84%|         | 83659/100000 [22:27<05:50, 46.68it/s]
Training Step:  84%|         | 83664/100000 [22:27<05:53, 46.22it/s]
Training Step:  84%|         | 83669/100000 [22:27<05:59, 45.44it/s]
Training Step:  84%|         | 83674/100000 [22:27<06:04, 44.77it/s]
```

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Training Step:  84%|         | 83679/100000 [22:27<06:05, 44.68it/s]
Training Step:  84%|         | 83684/100000 [22:28<06:14, 43.58it/s]
Training Step:  84%|         | 83689/100000 [22:28<06:10, 44.03it/s]
Training Step:  84%|         | 83694/100000 [22:28<06:05, 44.56it/s]
Training Step:  84%|         | 83699/100000 [22:28<06:01, 45.07it/s]
Training Step:  84%|         | 83704/100000 [22:28<05:59, 45.31it/s]
Training Step:  84%|         | 83710/100000 [22:28<05:49, 46.67it/s]
Training Step:  84%|         | 83715/100000 [22:28<05:44, 47.32it/s]
Training Step:  84%|         | 83720/100000 [22:28<05:45, 47.15it/s]
Training Step:  84%|         | 83725/100000 [22:28<05:40, 47.82it/s]
Training Step:  84%|         | 83730/100000 [22:29<05:41, 47.62it/s]
Training Step:  84%|         | 83735/100000 [22:29<05:38, 48.03it/s]
Training Step:  84%|         | 83740/100000 [22:29<05:39, 47.91it/s]
Training Step:  84%|         | 83746/100000 [22:29<05:28, 49.55it/s]
Training Step:  84%|         | 83751/100000 [22:29<05:27, 49.67it/s]
Training Step:  84%|         | 83756/100000 [22:29<05:32, 48.79it/s]
Training Step:  84%|         | 83761/100000 [22:29<05:34, 48.58it/s]
Training Step:  84%|         | 83766/100000 [22:29<05:45, 47.01it/s]
Training Step:  84%|         | 83771/100000 [22:29<05:47, 46.70it/s]
Training Step:  84%|         | 83776/100000 [22:30<05:54, 45.81it/s]
Training Step:  84%|         | 83781/100000 [22:30<05:56, 45.45it/s]
Training Step:  84%|         | 83786/100000 [22:30<05:52, 45.95it/s]
Training Step:  84%|         | 83791/100000 [22:30<05:46, 46.83it/s]
Training Step:  84%|         | 83796/100000 [22:30<05:45, 46.93it/s]
Training Step:  84%|         | 83801/100000 [22:30<06:01, 44.85it/s]
Training Step:  84%|         | 83806/100000 [22:30<06:00, 44.91it/s]
Training Step:  84%|         | 83811/100000 [22:30<05:50, 46.20it/s]
Training Step:  84%|         | 83816/100000 [22:30<05:52, 45.97it/s]
Training Step:  84%|         | 83822/100000 [22:31<05:37, 47.90it/s]
Training Step:  84%|         | 83828/100000 [22:31<05:25, 49.65it/s]
Training Step:  84%|         | 83835/100000 [22:31<05:03, 53.28it/s]
Training Step:  84%|         | 83842/100000 [22:31<04:50, 55.60it/s]
Training Step:  84%|         | 83849/100000 [22:31<04:40,
57.67it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:  84%|         | 83855/100000 [22:31<05:37, 47.87it/s]
Training Step:  84%|         | 83862/100000 [22:31<05:06, 52.64it/s]
Training Step:  84%|         | 83870/100000 [22:31<04:40, 57.45it/s]
Training Step:  84%|         | 83876/100000 [22:31<04:42, 57.09it/s]
Training Step:  84%|         | 83882/100000 [22:32<04:53, 54.82it/s]
Training Step:  84%|         | 83888/100000 [22:32<04:59, 53.80it/s]
Training Step:  84%|         | 83894/100000 [22:32<04:58, 53.87it/s]
Training Step:  84%|         | 83900/100000 [22:32<05:03, 53.09it/s]
Training Step:  84%|         | 83906/100000 [22:32<05:11, 51.74it/s]
Training Step:  84%|         | 83912/100000 [22:32<05:13, 51.35it/s]
Training Step:  84%|         | 83918/100000 [22:32<05:21, 50.05it/s]
Training Step:  84%|         | 83924/100000 [22:32<05:27, 49.11it/s]
```

```
Training Step:   84%|          | 83929/100000 [22:33<05:26, 49.22it/s]
Training Step:   84%|          | 83934/100000 [22:33<05:29, 48.77it/s]
Training Step:   84%|          | 83939/100000 [22:33<05:27, 49.11it/s]
Training Step:   84%|          | 83944/100000 [22:33<05:29, 48.76it/s]
Training Step:   84%|          | 83950/100000 [22:33<05:25, 49.33it/s]
Training Step:   84%|          | 83956/100000 [22:33<05:18, 50.34it/s]
Training Step:   84%|          | 83962/100000 [22:33<05:13,
51.17it/s][INFO] Episode ended! Scenario Index: 1003 Reason: crash
vehicle

Training Step:   84%|          | 83968/100000 [22:33<05:58, 44.73it/s]
Training Step:   84%|          | 83975/100000 [22:33<05:17, 50.46it/s]
Training Step:   84%|          | 83982/100000 [22:34<04:53, 54.54it/s]
Training Step:   84%|          | 83989/100000 [22:34<04:37, 57.74it/s]
Training Step:   84%|          | 83996/100000 [22:34<04:32, 58.84it/s]
Training Step:   84%|          | 84002/100000 [22:34<04:45, 56.13it/s]
Training Step:   84%|          | 84009/100000 [22:34<04:31, 58.90it/s]
Training Step:   84%|          | 84015/100000 [22:34<04:33, 58.40it/s]
Training Step:   84%|          | 84022/100000 [22:34<04:32, 58.69it/s]
Training Step:   84%|          | 84029/100000 [22:34<04:24, 60.31it/s]
Training Step:   84%|          | 84036/100000 [22:34<04:23, 60.57it/s]
Training Step:   84%|          | 84043/100000 [22:35<04:26, 59.81it/s]
Training Step:   84%|          | 84049/100000 [22:35<04:27, 59.70it/s]
Training Step:   84%|          | 84056/100000 [22:35<04:29, 59.06it/s]
Training Step:   84%|          | 84062/100000 [22:35<04:41, 56.71it/s]
Training Step:   84%|          | 84068/100000 [22:35<04:55, 53.87it/s]
Training Step:   84%|          | 84074/100000 [22:35<05:05, 52.17it/s]
Training Step:   84%|          | 84080/100000 [22:35<05:16, 50.26it/s]
Training Step:   84%|          | 84086/100000 [22:35<05:16, 50.22it/s]
Training Step:   84%|          | 84092/100000 [22:36<05:14, 50.66it/s]
Training Step:   84%|          | 84098/100000 [22:36<05:11, 51.00it/s]
Training Step:   84%|          | 84104/100000 [22:36<05:05, 51.96it/s]
Training Step:   84%|          | 84110/100000 [22:36<04:53, 54.11it/s]
Training Step:   84%|          | 84116/100000 [22:36<04:52, 54.38it/s]
Training Step:   84%|          | 84122/100000 [22:36<04:55, 53.65it/s]
Training Step:   84%|          | 84128/100000 [22:36<05:00, 52.76it/s]
Training Step:   84%|          | 84134/100000 [22:36<04:57, 53.28it/s]
Training Step:   84%|          | 84140/100000 [22:36<05:05, 51.85it/s]
Training Step:   84%|          | 84146/100000 [22:37<05:07, 51.49it/s]
Training Step:   84%|          | 84152/100000 [22:37<05:07, 51.61it/s]
Training Step:   84%|          | 84158/100000 [22:37<05:08, 51.31it/s]
Training Step:   84%|          | 84164/100000 [22:37<05:07, 51.44it/s]
Training Step:   84%|          | 84170/100000 [22:37<05:11, 50.88it/s]
Training Step:   84%|          | 84176/100000 [22:37<05:11, 50.76it/s]
Training Step:   84%|          | 84182/100000 [22:37<05:14, 50.30it/s]
Training Step:   84%|          | 84188/100000 [22:37<05:19, 49.55it/s]
Training Step:   84%|          | 84194/100000 [22:38<05:21,
49.20it/s][INFO] Episode ended! Scenario Index: 1016 Reason: crash
```

vehicle

```
Training Step:  84%|        | 84199/100000 [22:38<06:21, 41.43it/s]
Training Step:  84%|        | 84206/100000 [22:38<05:30, 47.77it/s]
Training Step:  84%|        | 84214/100000 [22:38<04:53, 53.78it/s]
Training Step:  84%|        | 84221/100000 [22:38<04:38, 56.71it/s]
Training Step:  84%|        | 84227/100000 [22:38<04:40, 56.27it/s]
Training Step:  84%|        | 84233/100000 [22:38<04:48, 54.57it/s]
Training Step:  84%|        | 84239/100000 [22:38<04:52, 53.88it/s]
Training Step:  84%|        | 84245/100000 [22:38<04:54, 53.49it/s]
Training Step:  84%|        | 84251/100000 [22:39<04:52, 53.93it/s]
Training Step:  84%|        | 84257/100000 [22:39<04:53, 53.68it/s]
Training Step:  84%|        | 84263/100000 [22:39<04:55, 53.23it/s]
Training Step:  84%|        | 84269/100000 [22:39<04:58, 52.77it/s]
Training Step:  84%|        | 84275/100000 [22:39<05:00, 52.32it/s]
Training Step:  84%|        | 84281/100000 [22:39<05:05, 51.47it/s]
Training Step:  84%|        | 84287/100000 [22:39<05:11, 50.40it/s]
Training Step:  84%|        | 84293/100000 [22:39<05:10, 50.53it/s]
Training Step:  84%|        | 84299/100000 [22:40<05:07, 51.01it/s]
Training Step:  84%|        | 84305/100000 [22:40<05:07, 50.98it/s]
Training Step:  84%|        | 84311/100000 [22:40<05:04, 51.46it/s]
Training Step:  84%|        | 84317/100000 [22:40<05:25, 48.19it/s]
Training Step:  84%|        | 84322/100000 [22:40<05:23, 48.40it/s]
Training Step:  84%|        | 84327/100000 [22:40<05:32, 47.19it/s]
Training Step:  84%|        | 84332/100000 [22:40<05:46, 45.15it/s]
Training Step:  84%|        | 84337/100000 [22:40<05:41, 45.85it/s]
Training Step:  84%|        | 84342/100000 [22:40<05:39, 46.09it/s]
Training Step:  84%|        | 84347/100000 [22:41<05:41, 45.86it/s]
Training Step:  84%|        | 84352/100000 [22:41<05:46, 45.12it/s]
Training Step:  84%|        | 84357/100000 [22:41<05:39, 46.09it/s]
Training Step:  84%|        | 84362/100000 [22:41<05:38, 46.15it/s]
Training Step:  84%|        | 84368/100000 [22:41<05:30, 47.26it/s]
Training Step:  84%|        | 84374/100000 [22:41<05:24, 48.19it/s]
Training Step:  84%|        | 84380/100000 [22:41<05:19, 48.83it/s]
Training Step:  84%|        | 84386/100000 [22:41<05:18, 49.06it/s]
Training Step:  84%|        | 84391/100000 [22:41<05:17, 49.18it/s]
Training Step:  84%|        | 84397/100000 [22:42<05:09, 50.36it/s]
Training Step:  84%|        | 84403/100000 [22:42<05:03, 51.46it/s]
Training Step:  84%|        | 84409/100000 [22:42<04:59, 52.11it/s]
Training Step:  84%|        | 84415/100000 [22:42<05:03, 51.34it/s]
Training Step:  84%|        | 84421/100000 [22:42<05:07, 50.64it/s]
Training Step:  84%|        | 84427/100000 [22:42<05:07, 50.63it/s]
Training Step:  84%|        | 84433/100000 [22:42<05:08, 50.45it/s]
Training Step:  84%|        | 84439/100000 [22:42<05:08, 50.44it/s]
Training Step:  84%|        | 84445/100000 [22:43<05:10, 50.07it/s]
Training Step:  84%|        | 84451/100000 [22:43<05:15, 49.25it/s]
Training Step:  84%|        | 84456/100000 [22:43<05:23, 47.99it/s]
Training Step:  84%|        | 84461/100000 [22:43<05:20, 48.47it/s]
```

```
Training Step:  84%|          | 84466/100000 [22:43<05:17, 48.88it/s]
Training Step:  84%|          | 84472/100000 [22:43<05:13, 49.49it/s]
Training Step:  84%|          | 84478/100000 [22:43<05:08, 50.29it/s]
Training Step:  84%|          | 84484/100000 [22:43<05:07, 50.46it/s]
Training Step:  84%|          | 84490/100000 [22:43<05:05, 50.85it/s]
Training Step:  84%|          | 84496/100000 [22:44<05:03, 51.04it/s]
Training Step:  85%|          | 84502/100000 [22:44<05:03, 50.98it/s]
Training Step:  85%|          | 84508/100000 [22:44<04:56, 52.21it/s]
Training Step:  85%|          | 84514/100000 [22:44<04:52, 52.89it/s]
Training Step:  85%|          | 84520/100000 [22:44<04:53, 52.67it/s]
Training Step:  85%|          | 84526/100000 [22:44<04:56, 52.11it/s]
Training Step:  85%|          | 84532/100000 [22:44<04:56, 52.13it/s]
Training Step:  85%|          | 84538/100000 [22:44<04:58, 51.87it/s]
Training Step:  85%|          | 84544/100000 [22:44<05:02, 51.03it/s]
Training Step:  85%|          | 84550/100000 [22:45<05:10, 49.83it/s]
Training Step:  85%|          | 84555/100000 [22:45<05:14, 49.10it/s]
Training Step:  85%|          | 84560/100000 [22:45<05:17, 48.56it/s]
Training Step:  85%|          | 84565/100000 [22:45<05:19, 48.25it/s]
Training Step:  85%|          | 84571/100000 [22:45<05:13, 49.23it/s]
Training Step:  85%|          | 84576/100000 [22:45<05:16, 48.81it/s]
Training Step:  85%|          | 84582/100000 [22:45<05:11, 49.45it/s]
Training Step:  85%|          | 84588/100000 [22:45<05:08, 50.01it/s]
Training Step:  85%|          | 84594/100000 [22:45<05:05, 50.40it/s]
Training Step:  85%|          | 84600/100000 [22:46<04:59, 51.34it/s]
Training Step:  85%|          | 84606/100000 [22:46<04:49, 53.12it/s]
Training Step:  85%|          | 84612/100000 [22:46<04:45, 53.99it/s]
Training Step:  85%|          | 84618/100000 [22:46<04:40, 54.90it/s]
Training Step:  85%|          | 84624/100000 [22:46<04:35, 55.87it/s]
Training Step:  85%|          | 84630/100000 [22:46<04:32, 56.41it/s]
Training Step:  85%|          | 84636/100000 [22:46<04:35, 55.68it/s]
Training Step:  85%|          | 84643/100000 [22:46<04:25, 57.79it/s]
Training Step:  85%|          | 84650/100000 [22:46<04:20, 58.91it/s]
Training Step:  85%|          | 84656/100000 [22:47<04:22, 58.56it/s]
Training Step:  85%|          | 84662/100000 [22:47<04:22, 58.47it/s]
Training Step:  85%|          | 84669/100000 [22:47<04:16, 59.88it/s]
Training Step:  85%|          | 84676/100000 [22:47<04:15, 60.03it/s]
Training Step:  85%|          | 84683/100000 [22:47<04:08, 61.61it/s]
Training Step:  85%|          | 84690/100000 [22:47<04:04, 62.71it/s]
Training Step:  85%|          | 84697/100000 [22:47<04:04, 62.65it/s]
Training Step:  85%|          | 84704/100000 [22:47<04:08, 61.60it/s]
Training Step:  85%|          | 84712/100000 [22:47<04:00, 63.65it/s]
Training Step:  85%|          | 84719/100000 [22:48<03:57, 64.33it/s]
Training Step:  85%|          | 84726/100000 [22:48<03:53,
65.40it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step:  85%|          | 84733/100000 [22:48<04:25, 57.45it/s]
Training Step:  85%|          | 84741/100000 [22:48<04:01, 63.10it/s]
```

```
Training Step:  85%|          | 84748/100000 [22:48<03:55, 64.69it/s]
Training Step:  85%|          | 84756/100000 [22:48<03:47, 67.06it/s]
Training Step:  85%|          | 84764/100000 [22:48<03:47, 67.10it/s]
Training Step:  85%|          | 84772/100000 [22:48<03:46, 67.37it/s]
Training Step:  85%|          | 84780/100000 [22:48<03:45, 67.47it/s]
Training Step:  85%|          | 84787/100000 [22:49<03:43, 68.07it/s]
Training Step:  85%|          | 84794/100000 [22:49<03:48, 66.57it/s]
Training Step:  85%|          | 84801/100000 [22:49<03:49, 66.23it/s]
Training Step:  85%|          | 84808/100000 [22:49<03:52, 65.40it/s]
Training Step:  85%|          | 84815/100000 [22:49<03:52, 65.33it/s]
Training Step:  85%|          | 84822/100000 [22:49<03:58, 63.60it/s]
Training Step:  85%|          | 84829/100000 [22:49<03:57, 63.75it/s]
Training Step:  85%|          | 84836/100000 [22:49<04:00, 63.13it/s]
Training Step:  85%|          | 84843/100000 [22:49<04:00, 63.07it/s]
Training Step:  85%|          | 84850/100000 [22:50<04:03, 62.22it/s]
Training Step:  85%|          | 84857/100000 [22:50<03:58, 63.47it/s]
Training Step:  85%|          | 84864/100000 [22:50<03:58, 63.34it/s]
Training Step:  85%|          | 84871/100000 [22:50<04:08, 60.94it/s]
Training Step:  85%|          | 84878/100000 [22:50<04:01, 62.66it/s]
Training Step:  85%|          | 84885/100000 [22:50<03:54, 64.42it/s]
Training Step:  85%|          | 84892/100000 [22:50<03:53, 64.72it/s]
Training Step:  85%|          | 84899/100000 [22:50<03:53, 64.75it/s]
Training Step:  85%|          | 84906/100000 [22:50<04:08, 60.86it/s]
Training Step:  85%|          | 84913/100000 [22:51<04:11, 59.92it/s]
Training Step:  85%|          | 84920/100000 [22:51<04:28, 56.15it/s]
Training Step:  85%|          | 84926/100000 [22:51<04:40, 53.83it/s]
Training Step:  85%|          | 84932/100000 [22:51<04:48, 52.20it/s]
Training Step:  85%|          | 84938/100000 [22:51<04:52, 51.43it/s]
Training Step:  85%|          | 84944/100000 [22:51<04:52, 51.39it/s]
Training Step:  85%|          | 84950/100000 [22:51<04:50, 51.75it/s]
Training Step:  85%|          | 84956/100000 [22:51<04:50, 51.74it/s]
Training Step:  85%|          | 84962/100000 [22:52<04:57, 50.57it/s]
Training Step:  85%|          | 84968/100000 [22:52<05:00, 50.08it/s]
Training Step:  85%|          | 84974/100000 [22:52<05:01, 49.86it/s]
Training Step:  85%|          | 84980/100000 [22:52<05:03, 49.47it/s]
Training Step:  85%|          | 84986/100000 [22:52<05:06, 49.00it/s]
Training Step:  85%|          | 84991/100000 [22:52<05:06, 49.04it/s]
Training Step:  85%|          | 84996/100000 [22:52<05:08, 48.65it/s]
Training Step:  85%|          | 85002/100000 [22:52<05:06, 49.01it/s]
Training Step:  85%|          | 85008/100000 [22:53<05:06, 48.94it/s]
Training Step:  85%|          | 85013/100000 [22:53<05:06, 48.83it/s]
Training Step:  85%|          | 85019/100000 [22:53<05:00, 49.84it/s]
Training Step:  85%|          | 85024/100000 [22:53<05:05, 49.08it/s]
Training Step:  85%|          | 85030/100000 [22:53<05:00, 49.76it/s]
Training Step:  85%|          | 85036/100000 [22:53<04:58, 50.10it/s]
Training Step:  85%|          | 85042/100000 [22:53<04:58, 50.07it/s]
Training Step:  85%|          | 85048/100000 [22:53<04:56, 50.43it/s]
Training Step:  85%|          | 85054/100000 [22:53<04:54, 50.69it/s]
```

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Training Step:  85%|        | 85060/100000 [22:54<04:52, 51.00it/s]
Training Step:  85%|        | 85066/100000 [22:54<04:51, 51.22it/s]
Training Step:  85%|        | 85072/100000 [22:54<04:56, 50.33it/s]
Training Step:  85%|        | 85078/100000 [22:54<04:57, 50.14it/s]
Training Step:  85%|        | 85084/100000 [22:54<04:58, 49.90it/s]
Training Step:  85%|        | 85090/100000 [22:54<04:50, 51.34it/s]
Training Step:  85%|        | 85096/100000 [22:54<04:48, 51.59it/s]
Training Step:  85%|        | 85102/100000 [22:54<04:44, 52.38it/s]
Training Step:  85%|        | 85108/100000 [22:54<04:40, 53.01it/s]
Training Step:  85%|        | 85115/100000 [22:55<04:27, 55.54it/s]
Training Step:  85%|        | 85121/100000 [22:55<04:23, 56.45it/s]
Training Step:  85%|        | 85127/100000 [22:55<04:35, 53.96it/s]
Training Step:  85%|        | 85133/100000 [22:55<04:30, 54.99it/s]
Training Step:  85%|        | 85139/100000 [22:55<04:27, 55.65it/s]
Training Step:  85%|        | 85146/100000 [22:55<04:20, 57.07it/s]
Training Step:  85%|        | 85152/100000 [22:55<04:18, 57.41it/s]
Training Step:  85%|        | 85158/100000 [22:55<04:17, 57.68it/s]
Training Step:  85%|        | 85165/100000 [22:55<04:10, 59.13it/s]
Training Step:  85%|        | 85172/100000 [22:56<04:05, 60.41it/s]
Training Step:  85%|        | 85179/100000 [22:56<03:59, 61.96it/s]
Training Step:  85%|        | 85186/100000 [22:56<03:58, 62.02it/s]
Training Step:  85%|        | 85193/100000 [22:56<03:58,
62.20it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  85%|        | 85200/100000 [22:56<04:45, 51.87it/s]
Training Step:  85%|        | 85207/100000 [22:56<04:25, 55.61it/s]
Training Step:  85%|        | 85214/100000 [22:56<04:11, 58.69it/s]
Training Step:  85%|        | 85221/100000 [22:56<03:59, 61.65it/s]
Training Step:  85%|        | 85228/100000 [22:57<04:02, 60.94it/s]
Training Step:  85%|        | 85235/100000 [22:57<04:00, 61.42it/s]
Training Step:  85%|        | 85242/100000 [22:57<04:03, 60.73it/s]
Training Step:  85%|        | 85249/100000 [22:57<03:58, 61.79it/s]
Training Step:  85%|        | 85256/100000 [22:57<04:00, 61.43it/s]
Training Step:  85%|        | 85263/100000 [22:57<04:05, 60.07it/s]
Training Step:  85%|        | 85270/100000 [22:57<04:18, 56.92it/s]
Training Step:  85%|        | 85277/100000 [22:57<04:14, 57.79it/s]
Training Step:  85%|        | 85283/100000 [22:57<04:16, 57.46it/s]
Training Step:  85%|        | 85289/100000 [22:58<04:18, 56.84it/s]
Training Step:  85%|        | 85295/100000 [22:58<04:21, 56.26it/s]
Training Step:  85%|        | 85301/100000 [22:58<04:22, 56.05it/s]
Training Step:  85%|        | 85307/100000 [22:58<04:22, 55.91it/s]
Training Step:  85%|        | 85313/100000 [22:58<04:23, 55.80it/s]
Training Step:  85%|        | 85319/100000 [22:58<04:22, 55.86it/s]
Training Step:  85%|        | 85325/100000 [22:58<04:25, 55.29it/s]
Training Step:  85%|        | 85331/100000 [22:58<04:26, 55.06it/s]
Training Step:  85%|        | 85337/100000 [22:58<04:25, 55.28it/s]
Training Step:  85%|        | 85343/100000 [22:59<04:20, 56.29it/s]
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Training Step:  85%|        | 85349/100000 [22:59<04:18, 56.70it/s]
Training Step:  85%|        | 85355/100000 [22:59<04:20, 56.20it/s]
Training Step:  85%|        | 85362/100000 [22:59<04:15, 57.20it/s]
Training Step:  85%|        | 85368/100000 [22:59<04:14, 57.43it/s]
Training Step:  85%|        | 85375/100000 [22:59<04:09, 58.67it/s]
Training Step:  85%|        | 85381/100000 [22:59<04:08, 58.88it/s]
Training Step:  85%|        | 85387/100000 [22:59<04:26, 54.81it/s]
Training Step:  85%|        | 85393/100000 [22:59<04:41, 51.96it/s]
Training Step:  85%|        | 85399/100000 [23:00<04:53, 49.74it/s]
Training Step:  85%|        | 85405/100000 [23:00<05:07, 47.48it/s]
Training Step:  85%|        | 85410/100000 [23:00<05:15, 46.20it/s]
Training Step:  85%|        | 85415/100000 [23:00<05:14, 46.34it/s]
Training Step:  85%|        | 85420/100000 [23:00<05:20, 45.50it/s]
Training Step:  85%|        | 85425/100000 [23:00<05:21, 45.37it/s]
Training Step:  85%|        | 85430/100000 [23:00<05:25, 44.81it/s]
Training Step:  85%|        | 85435/100000 [23:00<05:27, 44.52it/s]
Training Step:  85%|        | 85440/100000 [23:01<05:43, 42.41it/s]
Training Step:  85%|        | 85445/100000 [23:01<05:46, 42.03it/s]
Training Step:  85%|        | 85450/100000 [23:01<05:43, 42.39it/s]
Training Step:  85%|        | 85455/100000 [23:01<05:44, 42.27it/s]
Training Step:  85%|        | 85460/100000 [23:01<05:44, 42.20it/s]
Training Step:  85%|        | 85465/100000 [23:01<05:46, 41.93it/s]
Training Step:  85%|        | 85470/100000 [23:01<05:46, 41.96it/s]
Training Step:  85%|        | 85476/100000 [23:01<05:31, 43.83it/s]
Training Step:  85%|        | 85482/100000 [23:02<05:19, 45.44it/s]
Training Step:  85%|        | 85487/100000 [23:02<05:12, 46.51it/s]
Training Step:  85%|        | 85492/100000 [23:02<05:14, 46.20it/s]
Training Step:  85%|        | 85498/100000 [23:02<05:21, 45.16it/s]
Training Step:  86%|        | 85504/100000 [23:02<05:16, 45.81it/s]
Training Step:  86%|        | 85510/100000 [23:02<05:06, 47.27it/s]
Training Step:  86%|        | 85516/100000 [23:02<04:56, 48.79it/s]
Training Step:  86%|        | 85522/100000 [23:02<04:49, 49.97it/s]
Training Step:  86%|        | 85528/100000 [23:02<04:48, 50.18it/s]
Training Step:  86%|        | 85534/100000 [23:03<04:45, 50.64it/s]
Training Step:  86%|        | 85540/100000 [23:03<04:45, 50.72it/s]
Training Step:  86%|        | 85546/100000 [23:03<04:46, 50.43it/s]
Training Step:  86%|        | 85552/100000 [23:03<04:43, 51.02it/s]
Training Step:  86%|        | 85558/100000 [23:03<04:35, 52.45it/s]
Training Step:  86%|        | 85564/100000 [23:03<04:28, 53.70it/s]
Training Step:  86%|        | 85570/100000 [23:03<04:27, 54.01it/s]
Training Step:  86%|        | 85577/100000 [23:03<04:15, 56.48it/s]
Training Step:  86%|        | 85584/100000 [23:03<04:05, 58.61it/s]
Training Step:  86%|        | 85591/100000 [23:04<04:00, 59.84it/s]
Training Step:  86%|        | 85598/100000 [23:04<03:58, 60.47it/s]
Training Step:  86%|        | 85605/100000 [23:04<03:55, 61.23it/s]
Training Step:  86%|        | 85612/100000 [23:04<03:53, 61.62it/s]
Training Step:  86%|        | 85619/100000 [23:04<03:46, 63.48it/s]
Training Step:  86%|        | 85626/100000 [23:04<03:45, 63.70it/s]
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Training Step:  86%|         | 85633/100000 [23:04<03:43, 64.39it/s]
Training Step:  86%|         | 85640/100000 [23:04<03:46, 63.29it/s]
Training Step:  86%|         | 85647/100000 [23:04<03:50, 62.20it/s]
Training Step:  86%|         | 85654/100000 [23:05<03:50,
62.29it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:  86%|         | 85662/100000 [23:05<04:05, 58.49it/s]
Training Step:  86%|         | 85669/100000 [23:05<03:55, 60.75it/s]
Training Step:  86%|         | 85676/100000 [23:05<03:51, 61.78it/s]
Training Step:  86%|         | 85683/100000 [23:05<03:45, 63.49it/s]
Training Step:  86%|         | 85690/100000 [23:05<03:48, 62.58it/s]
Training Step:  86%|         | 85697/100000 [23:05<03:42, 64.27it/s]
Training Step:  86%|         | 85704/100000 [23:05<03:44, 63.73it/s]
Training Step:  86%|         | 85711/100000 [23:05<03:41, 64.40it/s]
Training Step:  86%|         | 85718/100000 [23:06<03:42, 64.09it/s]
Training Step:  86%|         | 85725/100000 [23:06<03:40, 64.75it/s]
Training Step:  86%|         | 85732/100000 [23:06<03:42, 64.06it/s]
Training Step:  86%|         | 85739/100000 [23:06<03:43, 63.76it/s]
Training Step:  86%|         | 85746/100000 [23:06<03:41, 64.42it/s]
Training Step:  86%|         | 85753/100000 [23:06<03:38, 65.08it/s]
Training Step:  86%|         | 85760/100000 [23:06<03:54, 60.77it/s]
Training Step:  86%|         | 85767/100000 [23:06<03:49, 61.93it/s]
Training Step:  86%|         | 85774/100000 [23:06<04:00, 59.11it/s]
Training Step:  86%|         | 85780/100000 [23:07<04:09, 57.07it/s]
Training Step:  86%|         | 85786/100000 [23:07<04:14, 55.91it/s]
Training Step:  86%|         | 85792/100000 [23:07<04:27, 53.14it/s]
Training Step:  86%|         | 85798/100000 [23:07<04:30, 52.59it/s]
Training Step:  86%|         | 85804/100000 [23:07<04:26, 53.34it/s]
Training Step:  86%|         | 85810/100000 [23:07<04:27, 52.96it/s]
Training Step:  86%|         | 85816/100000 [23:07<04:23, 53.88it/s]
Training Step:  86%|         | 85822/100000 [23:07<04:22, 53.91it/s]
Training Step:  86%|         | 85828/100000 [23:08<04:23, 53.81it/s]
Training Step:  86%|         | 85834/100000 [23:08<04:27, 52.89it/s]
Training Step:  86%|         | 85840/100000 [23:08<04:31, 52.13it/s]
Training Step:  86%|         | 85846/100000 [23:08<04:31, 52.06it/s]
Training Step:  86%|         | 85852/100000 [23:08<04:30, 52.29it/s]
Training Step:  86%|         | 85858/100000 [23:08<04:24, 53.56it/s]
Training Step:  86%|         | 85864/100000 [23:08<04:23, 53.69it/s]
Training Step:  86%|         | 85870/100000 [23:08<04:21, 54.09it/s]
Training Step:  86%|         | 85876/100000 [23:08<04:21, 53.93it/s]
Training Step:  86%|         | 85882/100000 [23:09<04:20, 54.11it/s]
Training Step:  86%|         | 85888/100000 [23:09<04:20, 54.24it/s]
Training Step:  86%|         | 85894/100000 [23:09<04:20, 54.09it/s]
Training Step:  86%|         | 85900/100000 [23:09<04:19, 54.37it/s]
Training Step:  86%|         | 85906/100000 [23:09<04:16, 54.88it/s]
Training Step:  86%|         | 85912/100000 [23:09<04:12, 55.77it/s]
Training Step:  86%|         | 85918/100000 [23:09<04:09, 56.33it/s]
```

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Training Step:   86%|        | 85924/100000 [23:09<04:10, 56.22it/s]
Training Step:   86%|        | 85930/100000 [23:09<04:14, 55.34it/s]
Training Step:   86%|        | 85936/100000 [23:10<04:14, 55.33it/s]
Training Step:   86%|        | 85942/100000 [23:10<04:23, 53.39it/s]
Training Step:   86%|        | 85948/100000 [23:10<04:23, 53.30it/s]
Training Step:   86%|        | 85954/100000 [23:10<04:27, 52.54it/s]
Training Step:   86%|        | 85960/100000 [23:10<04:27, 52.43it/s]
Training Step:   86%|        | 85966/100000 [23:10<04:25, 52.77it/s]
Training Step:   86%|        | 85972/100000 [23:10<04:23, 53.15it/s]
Training Step:   86%|        | 85978/100000 [23:10<04:21, 53.62it/s]
Training Step:   86%|        | 85984/100000 [23:10<04:26, 52.64it/s]
Training Step:   86%|        | 85990/100000 [23:11<04:21, 53.56it/s]
Training Step:   86%|        | 85996/100000 [23:11<04:21, 53.56it/s]
Training Step:   86%|        | 86002/100000 [23:11<04:30, 51.73it/s]
Training Step:   86%|        | 86008/100000 [23:11<04:21, 53.53it/s]
Training Step:   86%|        | 86014/100000 [23:11<04:13, 55.18it/s]
Training Step:   86%|        | 86020/100000 [23:11<04:09, 56.09it/s]
Training Step:   86%|        | 86026/100000 [23:11<04:06, 56.80it/s]
Training Step:   86%|        | 86032/100000 [23:11<04:06, 56.57it/s]
Training Step:   86%|        | 86039/100000 [23:11<03:54, 59.45it/s]
Training Step:   86%|        | 86046/100000 [23:12<03:47, 61.33it/s]
Training Step:   86%|        | 86053/100000 [23:12<03:41,
62.93it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:   86%|        | 86060/100000 [23:12<04:41, 49.50it/s]
Training Step:   86%|        | 86067/100000 [23:12<04:17, 54.01it/s]
Training Step:   86%|        | 86074/100000 [23:12<04:03, 57.19it/s]
Training Step:   86%|        | 86081/100000 [23:12<04:02, 57.42it/s]
Training Step:   86%|        | 86087/100000 [23:12<04:00, 57.95it/s]
Training Step:   86%|        | 86093/100000 [23:12<03:59, 58.03it/s]
Training Step:   86%|        | 86099/100000 [23:12<04:03, 57.09it/s]
Training Step:   86%|        | 86105/100000 [23:13<04:00, 57.89it/s]
Training Step:   86%|        | 86111/100000 [23:13<04:03, 57.03it/s]
Training Step:   86%|        | 86117/100000 [23:13<04:05, 56.58it/s]
Training Step:   86%|        | 86123/100000 [23:13<04:07, 56.12it/s]
Training Step:   86%|        | 86129/100000 [23:13<04:09, 55.64it/s]
Training Step:   86%|        | 86135/100000 [23:13<04:07, 56.11it/s]
Training Step:   86%|        | 86141/100000 [23:13<04:13, 54.72it/s]
Training Step:   86%|        | 86147/100000 [23:13<04:12, 54.81it/s]
Training Step:   86%|        | 86153/100000 [23:13<04:09, 55.49it/s]
Training Step:   86%|        | 86159/100000 [23:14<04:06, 56.08it/s]
Training Step:   86%|        | 86165/100000 [23:14<04:12, 54.85it/s]
Training Step:   86%|        | 86171/100000 [23:14<04:15, 54.17it/s]
Training Step:   86%|        | 86177/100000 [23:14<04:22, 52.71it/s]
Training Step:   86%|        | 86183/100000 [23:14<04:23, 52.52it/s]
Training Step:   86%|        | 86189/100000 [23:14<04:23, 52.42it/s]
Training Step:   86%|        | 86195/100000 [23:14<04:25, 51.94it/s]
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Training Step:   86%|          | 86201/100000 [23:14<04:29, 51.21it/s]
Training Step:   86%|          | 86207/100000 [23:14<04:25, 51.89it/s]
Training Step:   86%|          | 86213/100000 [23:15<04:18, 53.37it/s]
Training Step:   86%|          | 86219/100000 [23:15<04:20, 53.00it/s]
Training Step:   86%|          | 86225/100000 [23:15<04:23, 52.34it/s]
Training Step:   86%|          | 86231/100000 [23:15<04:37, 49.69it/s]
Training Step:   86%|          | 86237/100000 [23:15<04:34, 50.16it/s]
Training Step:   86%|          | 86243/100000 [23:15<04:36, 49.74it/s]
Training Step:   86%|          | 86249/100000 [23:15<04:33, 50.32it/s]
Training Step:   86%|          | 86255/100000 [23:15<04:32, 50.47it/s]
Training Step:   86%|          | 86261/100000 [23:16<04:24, 51.90it/s]
Training Step:   86%|          | 86267/100000 [23:16<04:26, 51.46it/s]
Training Step:   86%|          | 86273/100000 [23:16<04:25, 51.67it/s]
Training Step:   86%|          | 86279/100000 [23:16<04:30, 50.64it/s]
Training Step:   86%|          | 86285/100000 [23:16<04:40, 48.84it/s]
Training Step:   86%|          | 86290/100000 [23:16<04:46, 47.88it/s]
Training Step:   86%|          | 86295/100000 [23:16<04:44, 48.16it/s]
Training Step:   86%|          | 86300/100000 [23:16<04:46, 47.88it/s]
Training Step:   86%|          | 86305/100000 [23:16<04:50, 47.16it/s]
Training Step:   86%|          | 86310/100000 [23:17<05:06, 44.71it/s]
Training Step:   86%|          | 86315/100000 [23:17<05:16, 43.23it/s]
Training Step:   86%|          | 86320/100000 [23:17<05:27, 41.81it/s]
Training Step:   86%|          | 86325/100000 [23:17<05:30, 41.35it/s]
Training Step:   86%|          | 86330/100000 [23:17<05:39, 40.26it/s]
Training Step:   86%|          | 86335/100000 [23:17<05:40, 40.08it/s]
Training Step:   86%|          | 86340/100000 [23:17<05:43, 39.77it/s]
Training Step:   86%|          | 86345/100000 [23:17<05:39, 40.22it/s]
Training Step:   86%|          | 86350/100000 [23:18<05:39, 40.21it/s]
Training Step:   86%|          | 86355/100000 [23:18<05:43, 39.78it/s]
Training Step:   86%|          | 86359/100000 [23:18<05:43, 39.73it/s]
Training Step:   86%|          | 86364/100000 [23:18<05:42, 39.84it/s]
Training Step:   86%|          | 86369/100000 [23:18<05:38, 40.27it/s]
Training Step:   86%|          | 86374/100000 [23:18<05:42, 39.81it/s]
Training Step:   86%|          | 86378/100000 [23:18<05:44, 39.55it/s]
Training Step:   86%|          | 86382/100000 [23:18<05:43, 39.66it/s]
Training Step:   86%|          | 86387/100000 [23:19<05:34, 40.64it/s]
Training Step:   86%|          | 86392/100000 [23:19<05:32, 40.96it/s]
Training Step:   86%|          | 86397/100000 [23:19<05:31, 41.08it/s]
Training Step:   86%|          | 86402/100000 [23:19<05:32, 40.95it/s]
Training Step:   86%|          | 86407/100000 [23:19<05:29, 41.27it/s]
Training Step:   86%|          | 86412/100000 [23:19<05:39, 40.08it/s]
Training Step:   86%|          | 86417/100000 [23:19<05:33, 40.75it/s]
Training Step:   86%|          | 86422/100000 [23:19<05:34, 40.62it/s]
Training Step:   86%|          | 86427/100000 [23:19<05:24, 41.86it/s]
Training Step:   86%|          | 86432/100000 [23:20<05:21, 42.22it/s]
Training Step:   86%|          | 86437/100000 [23:20<05:16, 42.81it/s]
Training Step:   86%|          | 86442/100000 [23:20<05:15, 43.03it/s]
Training Step:   86%|          | 86447/100000 [23:20<05:02, 44.74it/s]
```

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Training Step:  86%|        | 86452/100000 [23:20<04:58, 45.32it/s]
Training Step:  86%|        | 86457/100000 [23:20<04:52, 46.24it/s]
Training Step:  86%|        | 86462/100000 [23:20<04:51, 46.38it/s]
Training Step:  86%|        | 86468/100000 [23:20<04:46, 47.30it/s]
Training Step:  86%|        | 86474/100000 [23:20<04:41, 48.02it/s]
Training Step:  86%|        | 86480/100000 [23:21<04:41, 48.09it/s]
Training Step:  86%|        | 86485/100000 [23:21<04:39, 48.38it/s]
Training Step:  86%|        | 86491/100000 [23:21<04:30, 49.93it/s]
Training Step:  86%|        | 86496/100000 [23:21<04:36, 48.87it/s]
Training Step:  87%|        | 86502/100000 [23:21<04:31, 49.75it/s]
Training Step:  87%|        | 86508/100000 [23:21<04:29, 50.09it/s]
Training Step:  87%|        | 86514/100000 [23:21<04:25, 50.85it/s]
Training Step:  87%|        | 86520/100000 [23:21<04:17, 52.35it/s]
Training Step:  87%|        | 86526/100000 [23:21<04:13, 53.14it/s]
Training Step:  87%|        | 86533/100000 [23:22<04:02, 55.52it/s]
Training Step:  87%|        | 86540/100000 [23:22<03:57, 56.77it/s]
Training Step:  87%|        | 86547/100000 [23:22<03:47, 59.10it/s]
Training Step:  87%|        | 86554/100000 [23:22<03:37, 61.94it/s]
Training Step:  87%|        | 86561/100000 [23:22<03:42, 60.46it/s]
Training Step:  87%|        | 86568/100000 [23:22<03:34, 62.74it/s]
Training Step:  87%|        | 86576/100000 [23:22<03:20, 67.03it/s]
Training Step:  87%|        | 86585/100000 [23:22<03:04,
72.54it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
arrive_dest.

Training Step:  87%|        | 86593/100000 [23:23<03:46, 59.24it/s]
Training Step:  87%|        | 86600/100000 [23:23<03:43, 59.97it/s]
Training Step:  87%|        | 86607/100000 [23:23<03:42, 60.22it/s]
Training Step:  87%|        | 86614/100000 [23:23<03:44, 59.57it/s]
Training Step:  87%|        | 86621/100000 [23:23<03:57, 56.42it/s]
Training Step:  87%|        | 86627/100000 [23:23<04:04, 54.71it/s]
Training Step:  87%|        | 86633/100000 [23:23<04:11, 53.08it/s]
Training Step:  87%|        | 86639/100000 [23:23<04:17, 51.95it/s]
Training Step:  87%|        | 86645/100000 [23:24<04:17, 51.88it/s]
Training Step:  87%|        | 86651/100000 [23:24<04:17, 51.83it/s]
Training Step:  87%|        | 86657/100000 [23:24<04:19, 51.41it/s]
Training Step:  87%|        | 86663/100000 [23:24<04:22, 50.86it/s]
Training Step:  87%|        | 86669/100000 [23:24<04:22, 50.84it/s]
Training Step:  87%|        | 86675/100000 [23:24<04:27, 49.72it/s]
Training Step:  87%|        | 86680/100000 [23:24<04:35, 48.41it/s]
Training Step:  87%|        | 86685/100000 [23:24<04:34, 48.57it/s]
Training Step:  87%|        | 86690/100000 [23:24<04:35, 48.37it/s]
Training Step:  87%|        | 86696/100000 [23:25<04:28, 49.64it/s]
Training Step:  87%|        | 86702/100000 [23:25<04:22, 50.56it/s]
Training Step:  87%|        | 86708/100000 [23:25<04:19, 51.19it/s]
Training Step:  87%|        | 86714/100000 [23:25<04:17, 51.56it/s]
Training Step:  87%|        | 86720/100000 [23:25<04:23, 50.46it/s]
Training Step:  87%|        | 86726/100000 [23:25<04:22, 50.63it/s]
```

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Training Step:   87%|          | 86732/100000 [23:25<04:17, 51.60it/s]
Training Step:   87%|          | 86738/100000 [23:25<04:23, 50.31it/s]
Training Step:   87%|          | 86744/100000 [23:25<04:24, 50.09it/s]
Training Step:   87%|          | 86750/100000 [23:26<04:33, 48.38it/s]
Training Step:   87%|          | 86756/100000 [23:26<04:27, 49.45it/s]
Training Step:   87%|          | 86762/100000 [23:26<04:27, 49.55it/s]
Training Step:   87%|          | 86768/100000 [23:26<04:24, 50.06it/s]
Training Step:   87%|          | 86774/100000 [23:26<04:21, 50.55it/s]
Training Step:   87%|          | 86780/100000 [23:26<04:20, 50.66it/s]
Training Step:   87%|          | 86786/100000 [23:26<04:19, 50.99it/s]
Training Step:   87%|          | 86792/100000 [23:26<04:17, 51.34it/s]
Training Step:   87%|          | 86798/100000 [23:27<04:17, 51.19it/s]
Training Step:   87%|          | 86804/100000 [23:27<04:18, 51.09it/s]
Training Step:   87%|          | 86810/100000 [23:27<04:19, 50.76it/s]
Training Step:   87%|          | 86816/100000 [23:27<04:37, 47.54it/s]
Training Step:   87%|          | 86822/100000 [23:27<04:34, 48.08it/s]
Training Step:   87%|          | 86828/100000 [23:27<04:33, 48.17it/s]
Training Step:   87%|          | 86834/100000 [23:27<04:30, 48.74it/s]
Training Step:   87%|          | 86840/100000 [23:27<04:23, 50.03it/s]
Training Step:   87%|          | 86846/100000 [23:28<04:15, 51.43it/s]
Training Step:   87%|          | 86852/100000 [23:28<04:18, 50.86it/s]
Training Step:   87%|          | 86858/100000 [23:28<04:19, 50.73it/s]
Training Step:   87%|          | 86864/100000 [23:28<04:14, 51.55it/s]
Training Step:   87%|          | 86870/100000 [23:28<04:15, 51.40it/s]
Training Step:   87%|          | 86876/100000 [23:28<04:14, 51.63it/s]
Training Step:   87%|          | 86882/100000 [23:28<04:19, 50.61it/s]
Training Step:   87%|          | 86888/100000 [23:28<04:18, 50.75it/s]
Training Step:   87%|          | 86894/100000 [23:28<04:18, 50.80it/s]
Training Step:   87%|          | 86900/100000 [23:29<04:16, 51.07it/s]
Training Step:   87%|          | 86906/100000 [23:29<04:16, 51.13it/s]
Training Step:   87%|          | 86912/100000 [23:29<04:17, 50.92it/s]
Training Step:   87%|          | 86918/100000 [23:29<04:23, 49.57it/s]
Training Step:   87%|          | 86923/100000 [23:29<04:23, 49.55it/s]
Training Step:   87%|          | 86928/100000 [23:29<04:31, 48.23it/s]
Training Step:   87%|          | 86933/100000 [23:29<04:34, 47.55it/s]
Training Step:   87%|          | 86938/100000 [23:29<04:41, 46.48it/s]
Training Step:   87%|          | 86943/100000 [23:29<04:37, 47.12it/s]
Training Step:   87%|          | 86948/100000 [23:30<04:42, 46.24it/s]
Training Step:   87%|          | 86953/100000 [23:30<04:38, 46.77it/s]
Training Step:   87%|          | 86958/100000 [23:30<04:43, 45.99it/s]
Training Step:   87%|          | 86963/100000 [23:30<04:39, 46.72it/s]
Training Step:   87%|          | 86968/100000 [23:30<04:37, 46.99it/s]
Training Step:   87%|          | 86973/100000 [23:30<04:36, 47.04it/s]
Training Step:   87%|          | 86978/100000 [23:30<04:39, 46.55it/s]
Training Step:   87%|          | 86983/100000 [23:30<04:34, 47.40it/s]
Training Step:   87%|          | 86988/100000 [23:30<04:34, 47.37it/s]
Training Step:   87%|          | 86993/100000 [23:31<04:34, 47.31it/s]
Training Step:   87%|          | 86998/100000 [23:31<04:37, 46.87it/s]
```

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Training Step:  87%|          | 87004/100000 [23:31<04:35, 47.25it/s]
Training Step:  87%|          | 87009/100000 [23:31<04:34, 47.35it/s]
Training Step:  87%|          | 87014/100000 [23:31<04:36, 46.89it/s]
Training Step:  87%|          | 87019/100000 [23:31<04:34, 47.34it/s]
Training Step:  87%|          | 87024/100000 [23:31<04:39, 46.42it/s]
Training Step:  87%|          | 87029/100000 [23:31<04:41, 46.01it/s]
Training Step:  87%|          | 87034/100000 [23:31<04:45, 45.47it/s]
Training Step:  87%|          | 87039/100000 [23:32<04:39, 46.34it/s]
Training Step:  87%|          | 87044/100000 [23:32<05:01, 43.03it/s]
Training Step:  87%|          | 87049/100000 [23:32<05:04, 42.49it/s]
Training Step:  87%|          | 87054/100000 [23:32<05:15, 40.99it/s]
Training Step:  87%|          | 87059/100000 [23:32<05:13, 41.30it/s]
Training Step:  87%|          | 87064/100000 [23:32<05:18, 40.64it/s]
Training Step:  87%|          | 87069/100000 [23:32<05:18, 40.56it/s]
Training Step:  87%|          | 87074/100000 [23:32<05:35, 38.53it/s]
Training Step:  87%|          | 87078/100000 [23:33<05:38, 38.23it/s]
Training Step:  87%|          | 87082/100000 [23:33<05:46, 37.26it/s]
Training Step:  87%|          | 87086/100000 [23:33<05:46, 37.31it/s]
Training Step:  87%|          | 87090/100000 [23:33<05:47, 37.20it/s]
Training Step:  87%|          | 87094/100000 [23:33<05:41, 37.75it/s]
Training Step:  87%|          | 87098/100000 [23:33<05:37, 38.27it/s]
Training Step:  87%|          | 87103/100000 [23:33<05:26, 39.48it/s]
Training Step:  87%|          | 87108/100000 [23:33<05:24, 39.68it/s]
Training Step:  87%|          | 87113/100000 [23:33<05:15, 40.82it/s]
Training Step:  87%|          | 87118/100000 [23:34<05:11, 41.29it/s]
Training Step:  87%|          | 87123/100000 [23:34<05:15, 40.78it/s]
Training Step:  87%|          | 87128/100000 [23:34<05:21, 40.04it/s]
Training Step:  87%|          | 87133/100000 [23:34<05:22, 39.90it/s]
Training Step:  87%|          | 87137/100000 [23:34<05:29, 39.06it/s]
Training Step:  87%|          | 87141/100000 [23:34<05:28, 39.10it/s]
Training Step:  87%|          | 87146/100000 [23:34<05:18, 40.32it/s]
Training Step:  87%|          | 87151/100000 [23:34<05:09, 41.49it/s]
Training Step:  87%|          | 87156/100000 [23:35<05:14, 40.82it/s]
Training Step:  87%|          | 87161/100000 [23:35<05:05, 42.03it/s]
Training Step:  87%|          | 87166/100000 [23:35<05:08, 41.60it/s]
Training Step:  87%|          | 87171/100000 [23:35<05:05, 41.94it/s]
Training Step:  87%|          | 87176/100000 [23:35<04:57, 43.17it/s]
Training Step:  87%|          | 87181/100000 [23:35<04:47, 44.54it/s]
Training Step:  87%|          | 87186/100000 [23:35<04:50, 44.10it/s]
Training Step:  87%|          | 87191/100000 [23:35<04:40, 45.59it/s]
Training Step:  87%|          | 87196/100000 [23:35<04:47, 44.57it/s]
Training Step:  87%|          | 87201/100000 [23:36<04:40, 45.69it/s]
Training Step:  87%|          | 87206/100000 [23:36<04:35, 46.50it/s]
Training Step:  87%|          | 87212/100000 [23:36<04:29, 47.48it/s]
Training Step:  87%|          | 87218/100000 [23:36<04:21, 48.79it/s]
Training Step:  87%|          | 87224/100000 [23:36<04:14, 50.22it/s]
Training Step:  87%|          | 87230/100000 [23:36<04:14, 50.24it/s]
Training Step:  87%|          | 87236/100000 [23:36<04:16, 49.70it/s]
```

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Training Step:  87%|        | 87242/100000 [23:36<04:16, 49.67it/s]
Training Step:  87%|        | 87248/100000 [23:36<04:18, 49.39it/s]
Training Step:  87%|        | 87254/100000 [23:37<04:13, 50.33it/s]
Training Step:  87%|        | 87260/100000 [23:37<04:09, 51.14it/s]
Training Step:  87%|        | 87266/100000 [23:37<04:04, 51.98it/s]
Training Step:  87%|        | 87272/100000 [23:37<03:56, 53.87it/s]
Training Step:  87%|        | 87278/100000 [23:37<03:58, 53.34it/s]
Training Step:  87%|        | 87284/100000 [23:37<03:50, 55.11it/s]
Training Step:  87%|        | 87291/100000 [23:37<03:40, 57.53it/s]
Training Step:  87%|        | 87297/100000 [23:37<03:39, 57.90it/s]
Training Step:  87%|        | 87304/100000 [23:37<03:32, 59.64it/s]
Training Step:  87%|        | 87310/100000 [23:38<03:37, 58.25it/s]
Training Step:  87%|        | 87317/100000 [23:38<03:26, 61.41it/s]
Training Step:  87%|        | 87324/100000 [23:38<03:26, 61.24it/s]
Training Step:  87%|        | 87331/100000 [23:38<03:19, 63.36it/s]
Training Step:  87%|        | 87338/100000 [23:38<03:14, 65.07it/s]
Training Step:  87%|        | 87346/100000 [23:38<03:08, 67.07it/s]
Training Step:  87%|        | 87354/100000 [23:38<03:02, 69.37it/s]
Training Step:  87%|        | 87362/100000 [23:38<02:59, 70.49it/s]
Training Step:  87%|        | 87370/100000 [23:38<02:58, 70.57it/s]
Training Step:  87%|        | 87378/100000 [23:39<02:56, 71.49it/s]
Training Step:  87%|        | 87387/100000 [23:39<02:47, 75.23it/s]
Training Step:  87%|        | 87396/100000 [23:39<02:44, 76.52it/s]
Training Step:  87%|        | 87405/100000 [23:39<02:38, 79.37it/s]
Training Step:  87%|        | 87414/100000 [23:39<02:38,
79.26it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
arrive_dest.

Training Step:  87%|        | 87422/100000 [23:39<03:16, 64.17it/s]
Training Step:  87%|        | 87429/100000 [23:39<03:14, 64.64it/s]
Training Step:  87%|        | 87436/100000 [23:39<03:13, 65.02it/s]
Training Step:  87%|        | 87443/100000 [23:39<03:13, 64.79it/s]
Training Step:  87%|        | 87450/100000 [23:40<03:30, 59.75it/s]
Training Step:  87%|        | 87457/100000 [23:40<03:37, 57.64it/s]
Training Step:  87%|        | 87463/100000 [23:40<03:45, 55.53it/s]
Training Step:  87%|        | 87469/100000 [23:40<03:50, 54.31it/s]
Training Step:  87%|        | 87475/100000 [23:40<03:55, 53.29it/s]
Training Step:  87%|        | 87481/100000 [23:40<03:59, 52.31it/s]
Training Step:  87%|        | 87487/100000 [23:40<04:10, 50.00it/s]
Training Step:  87%|        | 87493/100000 [23:40<04:14, 49.16it/s]
Training Step:  87%|        | 87498/100000 [23:41<04:18, 48.29it/s]
Training Step:  88%|        | 87503/100000 [23:41<04:22, 47.62it/s]
Training Step:  88%|        | 87508/100000 [23:41<04:24, 47.16it/s]
Training Step:  88%|        | 87513/100000 [23:41<04:26, 46.91it/s]
Training Step:  88%|        | 87518/100000 [23:41<04:24, 47.11it/s]
Training Step:  88%|        | 87523/100000 [23:41<04:22, 47.52it/s]
Training Step:  88%|        | 87528/100000 [23:41<04:28, 46.38it/s]
Training Step:  88%|        | 87533/100000 [23:41<04:23, 47.40it/s]
```

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Training Step:  88%|          | 87538/100000 [23:41<04:30, 46.03it/s]
Training Step:  88%|          | 87543/100000 [23:42<04:27, 46.63it/s]
Training Step:  88%|          | 87548/100000 [23:42<04:32, 45.64it/s]
Training Step:  88%|          | 87553/100000 [23:42<04:33, 45.58it/s]
Training Step:  88%|          | 87558/100000 [23:42<04:26, 46.63it/s]
Training Step:  88%|          | 87563/100000 [23:42<04:22, 47.32it/s]
Training Step:  88%|          | 87568/100000 [23:42<04:21, 47.60it/s]
Training Step:  88%|          | 87573/100000 [23:42<04:18, 48.01it/s]
Training Step:  88%|          | 87578/100000 [23:42<04:25, 46.82it/s]
Training Step:  88%|          | 87583/100000 [23:42<04:22, 47.29it/s]
Training Step:  88%|          | 87588/100000 [23:43<04:31, 45.79it/s]
Training Step:  88%|          | 87593/100000 [23:43<04:32, 45.60it/s]
Training Step:  88%|          | 87598/100000 [23:43<04:50, 42.73it/s]
Training Step:  88%|          | 87603/100000 [23:43<04:58, 41.59it/s]
Training Step:  88%|          | 87608/100000 [23:43<05:05, 40.54it/s]
Training Step:  88%|          | 87613/100000 [23:43<05:04, 40.67it/s]
Training Step:  88%|          | 87618/100000 [23:43<05:09, 39.98it/s]
Training Step:  88%|          | 87623/100000 [23:43<05:01, 41.07it/s]
Training Step:  88%|          | 87628/100000 [23:43<04:56, 41.76it/s]
Training Step:  88%|          | 87633/100000 [23:44<04:53, 42.19it/s]
Training Step:  88%|          | 87638/100000 [23:44<04:59, 41.33it/s]
Training Step:  88%|          | 87643/100000 [23:44<04:55, 41.86it/s]
Training Step:  88%|          | 87648/100000 [23:44<04:54, 42.01it/s]
Training Step:  88%|          | 87653/100000 [23:44<04:51, 42.33it/s]
Training Step:  88%|          | 87658/100000 [23:44<04:55, 41.71it/s]
Training Step:  88%|          | 87663/100000 [23:44<04:57, 41.49it/s]
Training Step:  88%|          | 87668/100000 [23:44<04:57, 41.44it/s]
Training Step:  88%|          | 87673/100000 [23:45<04:46, 43.01it/s]
Training Step:  88%|          | 87678/100000 [23:45<04:46, 42.99it/s]
Training Step:  88%|          | 87683/100000 [23:45<04:42, 43.64it/s]
Training Step:  88%|          | 87688/100000 [23:45<04:42, 43.59it/s]
Training Step:  88%|          | 87693/100000 [23:45<04:44, 43.27it/s]
Training Step:  88%|          | 87698/100000 [23:45<04:46, 43.01it/s]
Training Step:  88%|          | 87703/100000 [23:45<04:39, 43.94it/s]
Training Step:  88%|          | 87708/100000 [23:45<04:40, 43.80it/s]
Training Step:  88%|          | 87713/100000 [23:45<04:41,
43.59it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
out_of_road.

Training Step:  88%|          | 87718/100000 [23:46<05:19, 38.43it/s]
Training Step:  88%|          | 87725/100000 [23:46<04:27, 45.91it/s]
Training Step:  88%|          | 87732/100000 [23:46<03:56, 51.91it/s]
Training Step:  88%|          | 87739/100000 [23:46<03:35, 56.79it/s]
Training Step:  88%|          | 87745/100000 [23:46<03:35, 56.89it/s]
Training Step:  88%|          | 87751/100000 [23:46<03:34, 57.15it/s]
Training Step:  88%|          | 87757/100000 [23:46<03:33, 57.47it/s]
Training Step:  88%|          | 87763/100000 [23:46<03:36, 56.57it/s]
Training Step:  88%|          | 87769/100000 [23:46<03:37, 56.26it/s]
```

```
Training Step:  88%|         | 87775/100000 [23:47<03:38, 55.89it/s]
Training Step:  88%|         | 87781/100000 [23:47<03:37, 56.10it/s]
Training Step:  88%|         | 87787/100000 [23:47<03:36, 56.41it/s]
Training Step:  88%|         | 87793/100000 [23:47<03:36, 56.47it/s]
Training Step:  88%|         | 87799/100000 [23:47<03:42, 54.81it/s]
Training Step:  88%|         | 87805/100000 [23:47<03:40, 55.18it/s]
Training Step:  88%|         | 87811/100000 [23:47<03:44, 54.41it/s]
Training Step:  88%|         | 87817/100000 [23:47<03:45, 54.15it/s]
Training Step:  88%|         | 87823/100000 [23:47<03:43, 54.41it/s]
Training Step:  88%|         | 87829/100000 [23:48<03:45, 54.03it/s]
Training Step:  88%|         | 87835/100000 [23:48<03:56, 51.50it/s]
Training Step:  88%|         | 87841/100000 [23:48<03:50, 52.65it/s]
Training Step:  88%|         | 87847/100000 [23:48<03:51, 52.51it/s]
Training Step:  88%|         | 87853/100000 [23:48<03:52, 52.27it/s]
Training Step:  88%|         | 87859/100000 [23:48<03:49, 52.79it/s]
Training Step:  88%|         | 87865/100000 [23:48<03:51, 52.42it/s]
Training Step:  88%|         | 87871/100000 [23:48<03:46, 53.46it/s]
Training Step:  88%|         | 87877/100000 [23:48<03:48, 53.15it/s]
Training Step:  88%|         | 87883/100000 [23:49<03:47, 53.28it/s]
Training Step:  88%|         | 87889/100000 [23:49<03:54, 51.71it/s]
Training Step:  88%|         | 87895/100000 [23:49<03:54, 51.58it/s]
Training Step:  88%|         | 87901/100000 [23:49<03:53, 51.76it/s]
Training Step:  88%|         | 87907/100000 [23:49<03:51, 52.29it/s]
Training Step:  88%|         | 87913/100000 [23:49<03:45, 53.66it/s]
Training Step:  88%|         | 87919/100000 [23:49<03:43, 54.07it/s]
Training Step:  88%|         | 87925/100000 [23:49<03:38, 55.26it/s]
Training Step:  88%|         | 87931/100000 [23:50<03:43, 54.06it/s]
Training Step:  88%|         | 87937/100000 [23:50<03:37, 55.41it/s]
Training Step:  88%|         | 87943/100000 [23:50<03:40, 54.60it/s]
Training Step:  88%|         | 87949/100000 [23:50<03:36, 55.78it/s]
Training Step:  88%|         | 87955/100000 [23:50<03:35, 56.02it/s]
Training Step:  88%|         | 87961/100000 [23:50<03:32, 56.75it/s]
Training Step:  88%|         | 87967/100000 [23:50<03:36, 55.58it/s]
Training Step:  88%|         | 87973/100000 [23:50<03:33, 56.34it/s]
Training Step:  88%|         | 87979/100000 [23:50<03:31, 56.90it/s]
Training Step:  88%|         | 87986/100000 [23:50<03:39, 54.71it/s]
Training Step:  88%|         | 87992/100000 [23:51<03:35, 55.69it/s]
Training Step:  88%|         | 87999/100000 [23:51<03:27, 57.74it/s]
Training Step:  88%|         | 88005/100000 [23:51<03:37, 55.28it/s]
Training Step:  88%|         | 88011/100000 [23:51<03:34, 55.95it/s]
Training Step:  88%|         | 88018/100000 [23:51<03:29, 57.19it/s]
Training Step:  88%|         | 88025/100000 [23:51<03:23, 58.93it/s]
Training Step:  88%|         | 88031/100000 [23:51<03:22, 59.20it/s]
Training Step:  88%|         | 88038/100000 [23:51<03:18, 60.16it/s]
Training Step:  88%|         | 88045/100000 [23:51<03:19, 59.78it/s]
Training Step:  88%|         | 88051/100000 [23:52<03:22, 59.03it/s]
Training Step:  88%|         | 88057/100000 [23:52<03:30, 56.72it/s]
Training Step:  88%|         | 88063/100000 [23:52<03:36, 55.26it/s]
```

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Training Step:  88%|         | 88069/100000 [23:52<03:42, 53.67it/s]
Training Step:  88%|         | 88075/100000 [23:52<03:46, 52.67it/s]
Training Step:  88%|         | 88081/100000 [23:52<03:46, 52.69it/s]
Training Step:  88%|         | 88087/100000 [23:52<03:47, 52.41it/s]
Training Step:  88%|         | 88093/100000 [23:52<03:47, 52.23it/s]
Training Step:  88%|         | 88099/100000 [23:53<03:48, 52.14it/s]
Training Step:  88%|         | 88105/100000 [23:53<03:50, 51.62it/s]
Training Step:  88%|         | 88111/100000 [23:53<03:52, 51.12it/s]
Training Step:  88%|         | 88117/100000 [23:53<03:52, 51.17it/s]
Training Step:  88%|         | 88123/100000 [23:53<03:54, 50.68it/s]
Training Step:  88%|         | 88129/100000 [23:53<03:57, 49.97it/s]
Training Step:  88%|         | 88135/100000 [23:53<03:55, 50.36it/s]
Training Step:  88%|         | 88141/100000 [23:53<03:50, 51.41it/s]
Training Step:  88%|         | 88147/100000 [23:53<03:44, 52.87it/s]
Training Step:  88%|         | 88153/100000 [23:54<03:41, 53.50it/s]
Training Step:  88%|         | 88159/100000 [23:54<03:42, 53.24it/s]
Training Step:  88%|         | 88165/100000 [23:54<03:46, 52.36it/s]
Training Step:  88%|         | 88171/100000 [23:54<03:47, 51.92it/s]
Training Step:  88%|         | 88177/100000 [23:54<03:45, 52.37it/s]
Training Step:  88%|         | 88183/100000 [23:54<03:39, 53.89it/s]
Training Step:  88%|         | 88189/100000 [23:54<03:37, 54.23it/s]
Training Step:  88%|         | 88195/100000 [23:54<03:34, 55.07it/s]
Training Step:  88%|         | 88201/100000 [23:54<03:29, 56.31it/s]
Training Step:  88%|         | 88207/100000 [23:55<03:29, 56.24it/s]
Training Step:  88%|         | 88214/100000 [23:55<03:23, 58.02it/s]
Training Step:  88%|         | 88221/100000 [23:55<03:15, 60.38it/s]
Training Step:  88%|         | 88228/100000 [23:55<03:16, 60.05it/s]
Training Step:  88%|         | 88235/100000 [23:55<03:13,
60.91it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:  88%|         | 88242/100000 [23:55<03:46, 51.88it/s]
Training Step:  88%|         | 88248/100000 [23:55<03:47, 51.71it/s]
Training Step:  88%|         | 88255/100000 [23:55<03:30, 55.76it/s]
Training Step:  88%|         | 88262/100000 [23:56<03:24, 57.48it/s]
Training Step:  88%|         | 88268/100000 [23:56<03:22, 58.03it/s]
Training Step:  88%|         | 88275/100000 [23:56<03:15, 60.03it/s]
Training Step:  88%|         | 88282/100000 [23:56<03:29, 55.91it/s]
Training Step:  88%|         | 88289/100000 [23:56<03:22, 57.92it/s]
Training Step:  88%|         | 88296/100000 [23:56<03:20, 58.43it/s]
Training Step:  88%|         | 88302/100000 [23:56<03:24, 57.28it/s]
Training Step:  88%|         | 88308/100000 [23:56<03:23, 57.59it/s]
Training Step:  88%|         | 88314/100000 [23:56<03:23, 57.46it/s]
Training Step:  88%|         | 88320/100000 [23:57<03:23, 57.28it/s]
Training Step:  88%|         | 88326/100000 [23:57<03:24, 57.09it/s]
Training Step:  88%|         | 88332/100000 [23:57<03:24, 56.96it/s]
Training Step:  88%|         | 88338/100000 [23:57<03:26, 56.38it/s]
Training Step:  88%|         | 88344/100000 [23:57<03:29, 55.67it/s]
```

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Training Step:  88%|          | 88350/100000 [23:57<03:32, 54.73it/s]
Training Step:  88%|          | 88356/100000 [23:57<03:31, 55.05it/s]
Training Step:  88%|          | 88362/100000 [23:57<03:26, 56.23it/s]
Training Step:  88%|          | 88368/100000 [23:57<03:24, 56.90it/s]
Training Step:  88%|          | 88375/100000 [23:57<03:18, 58.66it/s]
Training Step:  88%|          | 88381/100000 [23:58<03:18, 58.57it/s]
Training Step:  88%|          | 88387/100000 [23:58<03:18, 58.63it/s]
Training Step:  88%|          | 88394/100000 [23:58<03:15, 59.51it/s]
Training Step:  88%|          | 88401/100000 [23:58<03:09, 61.11it/s]
Training Step:  88%|          | 88408/100000 [23:58<03:15, 59.41it/s]
Training Step:  88%|          | 88414/100000 [23:58<03:23, 56.91it/s]
Training Step:  88%|          | 88420/100000 [23:58<03:35, 53.79it/s]
Training Step:  88%|          | 88426/100000 [23:58<03:44, 51.67it/s]
Training Step:  88%|          | 88432/100000 [23:59<03:48, 50.66it/s]
Training Step:  88%|          | 88438/100000 [23:59<03:48, 50.54it/s]
Training Step:  88%|          | 88444/100000 [23:59<03:51, 49.88it/s]
Training Step:  88%|          | 88450/100000 [23:59<03:50, 50.16it/s]
Training Step:  88%|          | 88456/100000 [23:59<03:47, 50.67it/s]
Training Step:  88%|          | 88462/100000 [23:59<03:46, 50.85it/s]
Training Step:  88%|          | 88468/100000 [23:59<03:49, 50.34it/s]
Training Step:  88%|          | 88474/100000 [23:59<03:51, 49.86it/s]
Training Step:  88%|          | 88479/100000 [23:59<03:52, 49.64it/s]
Training Step:  88%|          | 88485/100000 [24:00<03:48, 50.31it/s]
Training Step:  88%|          | 88491/100000 [24:00<04:02, 47.42it/s]
Training Step:  88%|          | 88496/100000 [24:00<04:06, 46.65it/s]
Training Step:  89%|          | 88501/100000 [24:00<04:03, 47.16it/s]
Training Step:  89%|          | 88506/100000 [24:00<04:08, 46.17it/s]
Training Step:  89%|          | 88512/100000 [24:00<04:03, 47.11it/s]
Training Step:  89%|          | 88517/100000 [24:00<04:07, 46.39it/s]
Training Step:  89%|          | 88522/100000 [24:00<04:13, 45.29it/s]
Training Step:  89%|          | 88527/100000 [24:01<04:10, 45.82it/s]
Training Step:  89%|          | 88532/100000 [24:01<04:13, 45.17it/s]
Training Step:  89%|          | 88537/100000 [24:01<04:11, 45.55it/s]
Training Step:  89%|          | 88542/100000 [24:01<04:08, 46.20it/s]
Training Step:  89%|          | 88548/100000 [24:01<04:01, 47.41it/s]
Training Step:  89%|          | 88553/100000 [24:01<04:04, 46.91it/s]
Training Step:  89%|          | 88558/100000 [24:01<04:11, 45.50it/s]
Training Step:  89%|          | 88564/100000 [24:01<04:03, 47.02it/s]
Training Step:  89%|          | 88570/100000 [24:01<04:00, 47.57it/s]
Training Step:  89%|          | 88576/100000 [24:02<03:57, 48.19it/s]
Training Step:  89%|          | 88582/100000 [24:02<03:53, 48.98it/s]
Training Step:  89%|          | 88587/100000 [24:02<03:52, 49.12it/s]
Training Step:  89%|          | 88593/100000 [24:02<03:47, 50.18it/s]
Training Step:  89%|          | 88599/100000 [24:02<03:51, 49.23it/s]
Training Step:  89%|          | 88605/100000 [24:02<03:45, 50.51it/s]
Training Step:  89%|          | 88611/100000 [24:02<03:43, 51.00it/s]
Training Step:  89%|          | 88617/100000 [24:02<03:41, 51.49it/s]
Training Step:  89%|          | 88623/100000 [24:02<03:38, 51.96it/s]
```

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Training Step:  89%|          | 88629/100000 [24:03<03:32, 53.57it/s]
Training Step:  89%|          | 88635/100000 [24:03<03:31, 53.71it/s]
Training Step:  89%|          | 88641/100000 [24:03<03:29, 54.11it/s]
Training Step:  89%|          | 88647/100000 [24:03<03:26, 54.97it/s]
Training Step:  89%|          | 88653/100000 [24:03<03:25, 55.20it/s]
Training Step:  89%|          | 88659/100000 [24:03<03:25, 55.23it/s]
Training Step:  89%|          | 88665/100000 [24:03<03:31, 53.55it/s]
Training Step:  89%|          | 88671/100000 [24:03<03:25, 55.05it/s]
Training Step:  89%|          | 88677/100000 [24:03<03:22, 55.82it/s]
Training Step:  89%|          | 88683/100000 [24:04<03:18, 56.95it/s]
Training Step:  89%|          | 88690/100000 [24:04<03:15, 57.88it/s]
Training Step:  89%|          | 88697/100000 [24:04<03:09, 59.53it/s]
Training Step:  89%|          | 88704/100000 [24:04<03:09,
59.47it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  89%|          | 88710/100000 [24:04<03:36, 52.24it/s]
Training Step:  89%|          | 88718/100000 [24:04<03:17, 57.18it/s]
Training Step:  89%|          | 88725/100000 [24:04<03:07, 60.06it/s]
Training Step:  89%|          | 88732/100000 [24:04<03:05, 60.79it/s]
Training Step:  89%|          | 88740/100000 [24:04<02:58, 63.07it/s]
Training Step:  89%|          | 88747/100000 [24:05<02:57, 63.40it/s]
Training Step:  89%|          | 88754/100000 [24:05<02:54, 64.35it/s]
Training Step:  89%|          | 88761/100000 [24:05<03:05, 60.52it/s]
Training Step:  89%|          | 88768/100000 [24:05<03:04, 60.94it/s]
Training Step:  89%|          | 88775/100000 [24:05<03:02, 61.52it/s]
Training Step:  89%|          | 88782/100000 [24:05<03:05, 60.54it/s]
Training Step:  89%|          | 88789/100000 [24:05<03:04, 60.87it/s]
Training Step:  89%|          | 88796/100000 [24:05<03:03, 61.03it/s]
Training Step:  89%|          | 88803/100000 [24:06<02:57, 63.12it/s]
Training Step:  89%|          | 88810/100000 [24:06<03:01, 61.51it/s]
Training Step:  89%|          | 88817/100000 [24:06<03:06, 59.90it/s]
Training Step:  89%|          | 88824/100000 [24:06<03:12, 58.09it/s]
Training Step:  89%|          | 88830/100000 [24:06<03:14, 57.53it/s]
Training Step:  89%|          | 88836/100000 [24:06<03:13, 57.73it/s]
Training Step:  89%|          | 88842/100000 [24:06<03:19, 56.04it/s]
Training Step:  89%|          | 88848/100000 [24:06<03:15, 56.99it/s]
Training Step:  89%|          | 88854/100000 [24:06<03:20, 55.62it/s]
Training Step:  89%|          | 88860/100000 [24:07<03:22, 55.06it/s]
Training Step:  89%|          | 88866/100000 [24:07<03:23, 54.76it/s]
Training Step:  89%|          | 88872/100000 [24:07<03:26, 53.96it/s]
Training Step:  89%|          | 88878/100000 [24:07<03:27, 53.71it/s]
Training Step:  89%|          | 88884/100000 [24:07<03:28, 53.29it/s]
Training Step:  89%|          | 88890/100000 [24:07<03:25, 54.09it/s]
Training Step:  89%|          | 88896/100000 [24:07<03:24, 54.27it/s]
Training Step:  89%|          | 88902/100000 [24:07<03:22, 54.88it/s]
Training Step:  89%|          | 88908/100000 [24:07<03:22, 54.84it/s]
Training Step:  89%|          | 88914/100000 [24:08<03:17, 56.13it/s]
```

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Training Step:   89%|        | 88920/100000 [24:08<03:16, 56.29it/s]
Training Step:   89%|        | 88926/100000 [24:08<03:18, 55.76it/s]
Training Step:   89%|        | 88932/100000 [24:08<03:15, 56.49it/s]
Training Step:   89%|        | 88938/100000 [24:08<03:13, 57.02it/s]
Training Step:   89%|        | 88944/100000 [24:08<03:16, 56.26it/s]
Training Step:   89%|        | 88950/100000 [24:08<03:15, 56.52it/s]
Training Step:   89%|        | 88956/100000 [24:08<03:23, 54.39it/s]
Training Step:   89%|        | 88962/100000 [24:08<03:26, 53.42it/s]
Training Step:   89%|        | 88968/100000 [24:09<03:25, 53.75it/s]
Training Step:   89%|        | 88974/100000 [24:09<03:21, 54.73it/s]
Training Step:   89%|        | 88980/100000 [24:09<03:23, 54.23it/s]
Training Step:   89%|        | 88986/100000 [24:09<03:26, 53.45it/s]
Training Step:   89%|        | 88992/100000 [24:09<03:27, 52.95it/s]
Training Step:   89%|        | 88998/100000 [24:09<03:29, 52.54it/s]
Training Step:   89%|        | 89004/100000 [24:09<03:25, 53.54it/s]
Training Step:   89%|        | 89010/100000 [24:09<03:25, 53.48it/s]
Training Step:   89%|        | 89016/100000 [24:09<03:26, 53.08it/s]
Training Step:   89%|        | 89022/100000 [24:10<03:29, 52.52it/s]
Training Step:   89%|        | 89028/100000 [24:10<03:25, 53.40it/s]
Training Step:   89%|        | 89034/100000 [24:10<03:22, 54.10it/s]
Training Step:   89%|        | 89040/100000 [24:10<03:20, 54.68it/s]
Training Step:   89%|        | 89047/100000 [24:10<03:11, 57.21it/s]
Training Step:   89%|        | 89054/100000 [24:10<03:09, 57.88it/s]
Training Step:   89%|        | 89061/100000 [24:10<03:05, 59.10it/s]
Training Step:   89%|        | 89068/100000 [24:10<03:00, 60.53it/s]
Training Step:   89%|        | 89075/100000 [24:10<02:59, 60.70it/s]
Training Step:   89%|        | 89082/100000 [24:11<02:57, 61.40it/s]
Training Step:   89%|        | 89089/100000 [24:11<02:55, 62.23it/s]
Training Step:   89%|        | 89096/100000 [24:11<02:55, 61.98it/s]
Training Step:   89%|        | 89103/100000 [24:11<02:56, 61.80it/s]
Training Step:   89%|        | 89110/100000 [24:11<02:54, 62.35it/s]
Training Step:   89%|        | 89118/100000 [24:11<02:49, 64.24it/s]
Training Step:   89%|        | 89125/100000 [24:11<02:45,
65.78it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
arrive_dest.

Training Step:   89%|        | 89132/100000 [24:11<03:09, 57.30it/s]
Training Step:   89%|        | 89140/100000 [24:11<02:58, 60.71it/s]
Training Step:   89%|        | 89148/100000 [24:12<02:50, 63.59it/s]
Training Step:   89%|        | 89155/100000 [24:12<02:48, 64.52it/s]
Training Step:   89%|        | 89162/100000 [24:12<03:00, 60.19it/s]
Training Step:   89%|        | 89169/100000 [24:12<03:05, 58.39it/s]
Training Step:   89%|        | 89175/100000 [24:12<03:05, 58.25it/s]
Training Step:   89%|        | 89181/100000 [24:12<03:09, 57.12it/s]
Training Step:   89%|        | 89187/100000 [24:12<03:10, 56.90it/s]
Training Step:   89%|        | 89193/100000 [24:12<03:12, 56.20it/s]
Training Step:   89%|        | 89199/100000 [24:12<03:13, 55.71it/s]
Training Step:   89%|        | 89205/100000 [24:13<03:13, 55.82it/s]
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Training Step:  89%|         | 89211/100000 [24:13<03:19, 54.11it/s]
Training Step:  89%|         | 89217/100000 [24:13<03:19, 53.95it/s]
Training Step:  89%|         | 89223/100000 [24:13<03:18, 54.33it/s]
Training Step:  89%|         | 89229/100000 [24:13<03:21, 53.43it/s]
Training Step:  89%|         | 89235/100000 [24:13<03:21, 53.55it/s]
Training Step:  89%|         | 89241/100000 [24:13<03:23, 52.88it/s]
Training Step:  89%|         | 89247/100000 [24:13<03:23, 52.84it/s]
Training Step:  89%|         | 89253/100000 [24:14<03:25, 52.34it/s]
Training Step:  89%|         | 89259/100000 [24:14<03:20, 53.64it/s]
Training Step:  89%|         | 89265/100000 [24:14<03:21, 53.29it/s]
Training Step:  89%|         | 89271/100000 [24:14<03:22, 53.09it/s]
Training Step:  89%|         | 89277/100000 [24:14<03:20, 53.55it/s]
Training Step:  89%|         | 89283/100000 [24:14<03:23, 52.75it/s]
Training Step:  89%|         | 89289/100000 [24:14<03:21, 53.18it/s]
Training Step:  89%|         | 89295/100000 [24:14<03:23, 52.61it/s]
Training Step:  89%|         | 89301/100000 [24:14<03:24, 52.21it/s]
Training Step:  89%|         | 89307/100000 [24:15<03:24, 52.20it/s]
Training Step:  89%|         | 89313/100000 [24:15<03:20, 53.30it/s]
Training Step:  89%|         | 89319/100000 [24:15<03:20, 53.38it/s]
Training Step:  89%|         | 89325/100000 [24:15<03:20, 53.30it/s]
Training Step:  89%|         | 89331/100000 [24:15<03:15, 54.46it/s]
Training Step:  89%|         | 89337/100000 [24:15<03:13, 55.24it/s]
Training Step:  89%|         | 89343/100000 [24:15<03:12, 55.36it/s]
Training Step:  89%|         | 89349/100000 [24:15<03:11, 55.72it/s]
Training Step:  89%|         | 89355/100000 [24:15<03:13, 55.06it/s]
Training Step:  89%|         | 89361/100000 [24:16<03:09, 56.14it/s]
Training Step:  89%|         | 89367/100000 [24:16<03:08, 56.32it/s]
Training Step:  89%|         | 89373/100000 [24:16<03:08, 56.25it/s]
Training Step:  89%|         | 89379/100000 [24:16<03:07, 56.67it/s]
Training Step:  89%|         | 89385/100000 [24:16<03:09, 56.02it/s]
Training Step:  89%|         | 89391/100000 [24:16<03:18, 53.45it/s]
Training Step:  89%|         | 89397/100000 [24:16<03:19, 53.20it/s]
Training Step:  89%|         | 89403/100000 [24:16<03:21, 52.61it/s]
Training Step:  89%|         | 89409/100000 [24:16<03:19, 53.04it/s]
Training Step:  89%|         | 89415/100000 [24:16<03:14, 54.35it/s]
Training Step:  89%|         | 89422/100000 [24:17<03:09, 55.77it/s]
Training Step:  89%|         | 89428/100000 [24:17<03:08, 56.01it/s]
Training Step:  89%|         | 89435/100000 [24:17<03:03, 57.66it/s]
Training Step:  89%|         | 89442/100000 [24:17<03:00, 58.64it/s]
Training Step:  89%|         | 89449/100000 [24:17<02:56, 59.79it/s]
Training Step:  89%|         | 89456/100000 [24:17<02:58, 59.18it/s]
Training Step:  89%|         | 89462/100000 [24:17<03:00, 58.45it/s]
Training Step:  89%|         | 89469/100000 [24:17<02:56, 59.50it/s]
Training Step:  89%|         | 89475/100000 [24:18<03:00, 58.20it/s]
Training Step:  89%|         | 89481/100000 [24:18<03:03, 57.18it/s]
Training Step:  89%|         | 89487/100000 [24:18<03:13, 54.34it/s]
Training Step:  89%|         | 89493/100000 [24:18<03:16, 53.55it/s]
Training Step:  89%|         | 89499/100000 [24:18<03:15, 53.69it/s]
```

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Training Step:    90%|        | 89505/100000 [24:18<03:20, 52.25it/s]
Training Step:    90%|        | 89511/100000 [24:18<03:22, 51.81it/s]
Training Step:    90%|        | 89517/100000 [24:18<03:27, 50.62it/s]
Training Step:    90%|        | 89523/100000 [24:18<03:39, 47.72it/s]
Training Step:    90%|        | 89528/100000 [24:19<03:39, 47.68it/s]
Training Step:    90%|        | 89534/100000 [24:19<03:34, 48.88it/s]
Training Step:    90%|        | 89540/100000 [24:19<03:32, 49.22it/s]
Training Step:    90%|        | 89546/100000 [24:19<03:30, 49.60it/s]
Training Step:    90%|        | 89552/100000 [24:19<03:28, 50.06it/s]
Training Step:    90%|        | 89558/100000 [24:19<03:27, 50.27it/s]
Training Step:    90%|        | 89564/100000 [24:19<03:28, 50.15it/s]
Training Step:    90%|        | 89570/100000 [24:19<03:25, 50.67it/s]
Training Step:    90%|        | 89576/100000 [24:20<03:18, 52.60it/s]
Training Step:    90%|        | 89582/100000 [24:20<03:12, 54.19it/s]
Training Step:    90%|        | 89589/100000 [24:20<03:05, 56.20it/s]
Training Step:    90%|        | 89595/100000 [24:20<03:02, 56.94it/s]
Training Step:    90%|        | 89601/100000 [24:20<03:00, 57.75it/s]
Training Step:    90%|        | 89608/100000 [24:20<02:56, 58.83it/s]
Training Step:    90%|        | 89615/100000 [24:20<02:50, 60.95it/s]
Training Step:    90%|        | 89622/100000 [24:20<02:50, 60.92it/s]
Training Step:    90%|        | 89629/100000 [24:20<02:50, 60.90it/s]
Training Step:    90%|        | 89636/100000 [24:21<02:49, 61.22it/s]
Training Step:    90%|        | 89643/100000 [24:21<02:47, 61.94it/s]
Training Step:    90%|        | 89650/100000 [24:21<02:52, 59.95it/s]
Training Step:    90%|        | 89657/100000 [24:21<02:52,
59.88it/s][INFO] Episode ended! Scenario Index: 1011 Reason:
arrive_dest.

Training Step:    90%|        | 89664/100000 [24:21<03:25, 50.25it/s]
Training Step:    90%|        | 89671/100000 [24:21<03:08, 54.76it/s]
Training Step:    90%|        | 89678/100000 [24:21<03:01, 56.74it/s]
Training Step:    90%|        | 89684/100000 [24:21<03:02, 56.56it/s]
Training Step:    90%|        | 89690/100000 [24:21<03:06, 55.27it/s]
Training Step:    90%|        | 89696/100000 [24:22<03:11, 53.76it/s]
Training Step:    90%|        | 89702/100000 [24:22<03:14, 52.82it/s]
Training Step:    90%|        | 89708/100000 [24:22<03:19, 51.57it/s]
Training Step:    90%|        | 89714/100000 [24:22<03:19, 51.61it/s]
Training Step:    90%|        | 89720/100000 [24:22<03:23, 50.49it/s]
Training Step:    90%|        | 89726/100000 [24:22<03:24, 50.28it/s]
Training Step:    90%|        | 89732/100000 [24:22<03:28, 49.21it/s]
Training Step:    90%|        | 89737/100000 [24:22<03:28, 49.16it/s]
Training Step:    90%|        | 89742/100000 [24:23<03:31, 48.47it/s]
Training Step:    90%|        | 89748/100000 [24:23<03:30, 48.70it/s]
Training Step:    90%|        | 89753/100000 [24:23<03:28, 49.05it/s]
Training Step:    90%|        | 89758/100000 [24:23<03:34, 47.72it/s]
Training Step:    90%|        | 89764/100000 [24:23<03:32, 48.23it/s]
Training Step:    90%|        | 89770/100000 [24:23<03:31, 48.41it/s]
Training Step:    90%|        | 89776/100000 [24:23<03:29, 48.78it/s]
```

```
Training Step:  90%|        | 89782/100000 [24:23<03:26, 49.43it/s]
Training Step:  90%|        | 89788/100000 [24:23<03:24, 49.96it/s]
Training Step:  90%|        | 89794/100000 [24:24<03:22, 50.47it/s]
Training Step:  90%|        | 89800/100000 [24:24<03:22, 50.32it/s]
Training Step:  90%|        | 89806/100000 [24:24<03:25, 49.72it/s]
Training Step:  90%|        | 89811/100000 [24:24<03:27, 49.02it/s]
Training Step:  90%|        | 89816/100000 [24:24<03:28, 48.89it/s]
Training Step:  90%|        | 89821/100000 [24:24<03:31, 48.13it/s]
Training Step:  90%|        | 89826/100000 [24:24<03:41, 45.96it/s]
Training Step:  90%|        | 89831/100000 [24:24<03:45, 45.00it/s]
Training Step:  90%|        | 89836/100000 [24:25<03:50, 44.17it/s]
Training Step:  90%|        | 89841/100000 [24:25<03:53, 43.56it/s]
Training Step:  90%|        | 89846/100000 [24:25<04:01, 42.12it/s]
Training Step:  90%|        | 89851/100000 [24:25<03:58, 42.51it/s]
Training Step:  90%|        | 89856/100000 [24:25<04:02, 41.84it/s]
Training Step:  90%|        | 89861/100000 [24:25<04:03, 41.69it/s]
Training Step:  90%|        | 89866/100000 [24:25<04:05, 41.21it/s]
Training Step:  90%|        | 89871/100000 [24:25<04:03, 41.53it/s]
Training Step:  90%|        | 89876/100000 [24:25<04:03, 41.66it/s]
Training Step:  90%|        | 89881/100000 [24:26<03:59, 42.32it/s]
Training Step:  90%|        | 89886/100000 [24:26<04:01, 41.93it/s]
Training Step:  90%|        | 89891/100000 [24:26<03:57, 42.62it/s]
Training Step:  90%|        | 89896/100000 [24:26<03:59, 42.22it/s]
Training Step:  90%|        | 89901/100000 [24:26<03:59, 42.16it/s]
Training Step:  90%|        | 89906/100000 [24:26<04:01, 41.80it/s]
Training Step:  90%|        | 89911/100000 [24:26<03:53, 43.17it/s]
Training Step:  90%|        | 89916/100000 [24:26<03:51, 43.52it/s]
Training Step:  90%|        | 89921/100000 [24:27<03:43, 45.07it/s]
Training Step:  90%|        | 89926/100000 [24:27<03:42, 45.20it/s]
Training Step:  90%|        | 89931/100000 [24:27<03:39, 45.80it/s]
Training Step:  90%|        | 89936/100000 [24:27<03:42, 45.20it/s]
Training Step:  90%|        | 89941/100000 [24:27<03:39, 45.79it/s]
Training Step:  90%|        | 89946/100000 [24:27<03:40, 45.69it/s]
Training Step:  90%|        | 89951/100000 [24:27<03:37, 46.17it/s]
Training Step:  90%|        | 89956/100000 [24:27<03:39, 45.85it/s]
Training Step:  90%|        | 89961/100000 [24:27<03:40, 45.54it/s]
Training Step:  90%|        | 89966/100000 [24:27<03:44, 44.75it/s]
Training Step:  90%|        | 89971/100000 [24:28<03:37, 46.20it/s]
Training Step:  90%|        | 89976/100000 [24:28<03:36, 46.36it/s]
Training Step:  90%|        | 89981/100000 [24:28<03:31, 47.39it/s]
Training Step:  90%|        | 89986/100000 [24:28<03:37, 46.02it/s]
Training Step:  90%|        | 89992/100000 [24:28<03:32, 47.06it/s]
Training Step:  90%|        | 89998/100000 [24:28<03:26, 48.49it/s]
Training Step:  90%|        | 90003/100000 [24:28<03:33, 46.78it/s]
Training Step:  90%|        | 90009/100000 [24:28<03:25, 48.66it/s]
Training Step:  90%|        | 90015/100000 [24:28<03:16, 50.69it/s]
Training Step:  90%|        | 90021/100000 [24:29<03:13, 51.51it/s]
Training Step:  90%|        | 90027/100000 [24:29<03:12, 51.85it/s]
```

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Training Step:  90%|        | 90033/100000 [24:29<03:10, 52.22it/s]
Training Step:  90%|        | 90039/100000 [24:29<03:06, 53.34it/s]
Training Step:  90%|        | 90045/100000 [24:29<03:00, 55.10it/s]
Training Step:  90%|        | 90051/100000 [24:29<03:02, 54.51it/s]
Training Step:  90%|        | 90057/100000 [24:29<02:57, 56.05it/s]
Training Step:  90%|        | 90064/100000 [24:29<02:52, 57.50it/s]
Training Step:  90%|        | 90071/100000 [24:29<02:47, 59.35it/s]
Training Step:  90%|        | 90078/100000 [24:30<02:44, 60.15it/s]
Training Step:  90%|        | 90085/100000 [24:30<02:39, 62.20it/s]
Training Step:  90%|        | 90092/100000 [24:30<02:37, 62.72it/s]
Training Step:  90%|        | 90100/100000 [24:30<02:32, 64.85it/s]
Training Step:  90%|        | 90108/100000 [24:30<02:27, 67.02it/s]
Training Step:  90%|        | 90116/100000 [24:30<02:24, 68.54it/s]
Training Step:  90%|        | 90124/100000 [24:30<02:21, 69.60it/s]
Training Step:  90%|        | 90133/100000 [24:30<02:14,
73.44it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
arrive_dest.

Training Step:  90%|        | 90142/100000 [24:31<02:33, 64.24it/s]
Training Step:  90%|        | 90150/100000 [24:31<02:28, 66.33it/s]
Training Step:  90%|        | 90158/100000 [24:31<02:26, 67.25it/s]
Training Step:  90%|        | 90165/100000 [24:31<02:28, 66.24it/s]
Training Step:  90%|        | 90172/100000 [24:31<02:39, 61.66it/s]
Training Step:  90%|        | 90179/100000 [24:31<02:58, 55.12it/s]
Training Step:  90%|        | 90185/100000 [24:31<03:03, 53.46it/s]
Training Step:  90%|        | 90191/100000 [24:31<03:05, 52.85it/s]
Training Step:  90%|        | 90197/100000 [24:32<03:07, 52.41it/s]
Training Step:  90%|        | 90203/100000 [24:32<03:09, 51.73it/s]
Training Step:  90%|        | 90209/100000 [24:32<03:14, 50.40it/s]
Training Step:  90%|        | 90215/100000 [24:32<03:13, 50.47it/s]
Training Step:  90%|        | 90221/100000 [24:32<03:14, 50.33it/s]
Training Step:  90%|        | 90227/100000 [24:32<03:18, 49.14it/s]
Training Step:  90%|        | 90232/100000 [24:32<03:19, 48.98it/s]
Training Step:  90%|        | 90238/100000 [24:32<03:19, 48.92it/s]
Training Step:  90%|        | 90244/100000 [24:32<03:19, 48.88it/s]
Training Step:  90%|        | 90250/100000 [24:33<03:17, 49.46it/s]
Training Step:  90%|        | 90256/100000 [24:33<03:11, 50.85it/s]
Training Step:  90%|        | 90262/100000 [24:33<03:09, 51.27it/s]
Training Step:  90%|        | 90268/100000 [24:33<03:09, 51.27it/s]
Training Step:  90%|        | 90274/100000 [24:33<03:07, 51.81it/s]
Training Step:  90%|        | 90280/100000 [24:33<03:09, 51.32it/s]
Training Step:  90%|        | 90286/100000 [24:33<03:07, 51.90it/s]
Training Step:  90%|        | 90292/100000 [24:33<03:06, 51.93it/s]
Training Step:  90%|        | 90298/100000 [24:34<03:05, 52.29it/s]
Training Step:  90%|        | 90304/100000 [24:34<03:06, 51.88it/s]
Training Step:  90%|        | 90310/100000 [24:34<03:05, 52.38it/s]
Training Step:  90%|        | 90316/100000 [24:34<03:08, 51.51it/s]
Training Step:  90%|        | 90322/100000 [24:34<03:04, 52.45it/s]
```

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Training Step:  90%|        | 90328/100000 [24:34<03:11, 50.44it/s]
Training Step:  90%|        | 90334/100000 [24:34<03:12, 50.11it/s]
Training Step:  90%|        | 90340/100000 [24:34<03:18, 48.62it/s]
Training Step:  90%|        | 90346/100000 [24:34<03:12, 50.12it/s]
Training Step:  90%|        | 90352/100000 [24:35<03:10, 50.55it/s]
Training Step:  90%|        | 90358/100000 [24:35<03:08, 51.28it/s]
Training Step:  90%|        | 90364/100000 [24:35<03:13, 49.75it/s]
Training Step:  90%|        | 90370/100000 [24:35<03:13, 49.70it/s]
Training Step:  90%|        | 90376/100000 [24:35<03:11, 50.23it/s]
Training Step:  90%|        | 90382/100000 [24:35<03:09, 50.67it/s]
Training Step:  90%|        | 90388/100000 [24:35<03:04, 51.96it/s]
Training Step:  90%|        | 90394/100000 [24:35<03:06, 51.52it/s]
Training Step:  90%|        | 90400/100000 [24:36<03:07, 51.18it/s]
Training Step:  90%|        | 90406/100000 [24:36<03:08, 50.95it/s]
Training Step:  90%|        | 90412/100000 [24:36<03:09, 50.54it/s]
Training Step:  90%|        | 90418/100000 [24:36<03:05, 51.67it/s]
Training Step:  90%|        | 90424/100000 [24:36<03:01, 52.64it/s]
Training Step:  90%|        | 90430/100000 [24:36<02:57, 54.04it/s]
Training Step:  90%|        | 90436/100000 [24:36<02:53, 55.26it/s]
Training Step:  90%|        | 90442/100000 [24:36<02:54, 54.78it/s]
Training Step:  90%|        | 90448/100000 [24:36<02:59, 53.31it/s]
Training Step:  90%|        | 90454/100000 [24:37<03:00, 52.96it/s]
Training Step:  90%|        | 90460/100000 [24:37<02:59, 53.00it/s]
Training Step:  90%|        | 90466/100000 [24:37<02:58, 53.46it/s]
Training Step:  90%|        | 90472/100000 [24:37<02:56, 54.06it/s]
Training Step:  90%|        | 90478/100000 [24:37<02:51, 55.56it/s]
Training Step:  90%|        | 90484/100000 [24:37<02:49, 56.02it/s]
Training Step:  90%|        | 90490/100000 [24:37<02:50, 55.93it/s]
Training Step:  90%|        | 90496/100000 [24:37<02:49, 56.13it/s]
Training Step:  91%|        | 90502/100000 [24:37<02:46, 56.91it/s]
Training Step:  91%|        | 90508/100000 [24:38<02:50, 55.56it/s]
Training Step:  91%|        | 90514/100000 [24:38<02:49, 56.05it/s]
Training Step:  91%|        | 90520/100000 [24:38<02:53, 54.63it/s]
Training Step:  91%|        | 90526/100000 [24:38<02:55, 54.02it/s]
Training Step:  91%|        | 90532/100000 [24:38<02:50, 55.37it/s]
Training Step:  91%|        | 90538/100000 [24:38<02:47, 56.52it/s]
Training Step:  91%|        | 90544/100000 [24:38<02:47, 56.57it/s]
Training Step:  91%|        | 90551/100000 [24:38<02:38, 59.44it/s]
Training Step:  91%|        | 90557/100000 [24:38<02:39, 59.23it/s]
Training Step:  91%|        | 90564/100000 [24:38<02:39, 59.28it/s]
Training Step:  91%|        | 90571/100000 [24:39<02:32, 61.77it/s]
Training Step:  91%|        | 90578/100000 [24:39<02:29, 62.93it/s]
Training Step:  91%|        | 90586/100000 [24:39<02:22, 65.92it/s]
Training Step:  91%|        | 90594/100000 [24:39<02:18, 67.80it/s]
Training Step:  91%|        | 90602/100000 [24:39<02:17,
68.54it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.
```

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Training Step:  91%|          | 90609/100000 [24:39<02:38, 59.32it/s]
Training Step:  91%|          | 90616/100000 [24:39<02:31, 62.05it/s]
Training Step:  91%|          | 90624/100000 [24:39<02:26, 64.11it/s]
Training Step:  91%|          | 90631/100000 [24:40<02:23, 65.52it/s]
Training Step:  91%|          | 90638/100000 [24:40<02:23, 65.13it/s]
Training Step:  91%|          | 90645/100000 [24:40<02:21, 66.21it/s]
Training Step:  91%|          | 90652/100000 [24:40<02:24, 64.77it/s]
Training Step:  91%|          | 90659/100000 [24:40<02:21, 66.06it/s]
Training Step:  91%|          | 90666/100000 [24:40<02:22, 65.32it/s]
Training Step:  91%|          | 90673/100000 [24:40<02:26, 63.58it/s]
Training Step:  91%|          | 90680/100000 [24:40<02:31, 61.57it/s]
Training Step:  91%|          | 90687/100000 [24:40<02:32, 61.20it/s]
Training Step:  91%|          | 90694/100000 [24:41<02:33, 60.49it/s]
Training Step:  91%|          | 90701/100000 [24:41<02:33, 60.44it/s]
Training Step:  91%|          | 90708/100000 [24:41<02:40, 58.01it/s]
Training Step:  91%|          | 90714/100000 [24:41<02:40, 57.84it/s]
Training Step:  91%|          | 90720/100000 [24:41<02:41, 57.49it/s]
Training Step:  91%|          | 90727/100000 [24:41<02:36, 59.14it/s]
Training Step:  91%|          | 90733/100000 [24:41<02:39, 58.25it/s]
Training Step:  91%|          | 90739/100000 [24:41<02:40, 57.62it/s]
Training Step:  91%|          | 90745/100000 [24:41<02:40, 57.64it/s]
Training Step:  91%|          | 90752/100000 [24:42<02:39, 57.89it/s]
Training Step:  91%|          | 90759/100000 [24:42<02:32, 60.58it/s]
Training Step:  91%|          | 90766/100000 [24:42<02:33, 60.34it/s]
Training Step:  91%|          | 90773/100000 [24:42<02:30, 61.16it/s]
Training Step:  91%|          | 90780/100000 [24:42<02:32, 60.42it/s]
Training Step:  91%|          | 90787/100000 [24:42<02:38, 57.97it/s]
Training Step:  91%|          | 90793/100000 [24:42<02:45, 55.71it/s]
Training Step:  91%|          | 90799/100000 [24:42<02:49, 54.40it/s]
Training Step:  91%|          | 90805/100000 [24:42<02:54, 52.57it/s]
Training Step:  91%|          | 90811/100000 [24:43<02:56, 52.19it/s]
Training Step:  91%|          | 90817/100000 [24:43<02:51, 53.40it/s]
Training Step:  91%|          | 90823/100000 [24:43<02:53, 53.03it/s]
Training Step:  91%|          | 90829/100000 [24:43<02:57, 51.56it/s]
Training Step:  91%|          | 90835/100000 [24:43<02:56, 51.98it/s]
Training Step:  91%|          | 90841/100000 [24:43<02:57, 51.65it/s]
Training Step:  91%|          | 90847/100000 [24:43<02:56, 51.76it/s]
Training Step:  91%|          | 90853/100000 [24:43<03:02, 50.02it/s]
Training Step:  91%|          | 90859/100000 [24:44<03:04, 49.53it/s]
Training Step:  91%|          | 90864/100000 [24:44<03:07, 48.64it/s]
Training Step:  91%|          | 90869/100000 [24:44<03:06, 49.00it/s]
Training Step:  91%|          | 90874/100000 [24:44<03:06, 49.01it/s]
Training Step:  91%|          | 90880/100000 [24:44<03:04, 49.33it/s]
Training Step:  91%|          | 90886/100000 [24:44<03:04, 49.41it/s]
Training Step:  91%|          | 90891/100000 [24:44<03:04, 49.43it/s]
Training Step:  91%|          | 90896/100000 [24:44<03:05, 49.05it/s]
Training Step:  91%|          | 90901/100000 [24:44<03:06, 48.90it/s]
Training Step:  91%|          | 90906/100000 [24:44<03:06, 48.80it/s]
```

```
Training Step:  91%|        | 90912/100000 [24:45<03:03, 49.46it/s]
Training Step:  91%|        | 90918/100000 [24:45<03:02, 49.72it/s]
Training Step:  91%|        | 90924/100000 [24:45<03:02, 49.80it/s]
Training Step:  91%|        | 90930/100000 [24:45<02:59, 50.65it/s]
Training Step:  91%|        | 90936/100000 [24:45<02:57, 51.14it/s]
Training Step:  91%|        | 90942/100000 [24:45<03:03, 49.42it/s]
Training Step:  91%|        | 90948/100000 [24:45<03:00, 50.26it/s]
Training Step:  91%|        | 90954/100000 [24:45<02:54, 51.89it/s]
Training Step:  91%|        | 90960/100000 [24:46<02:54, 51.84it/s]
Training Step:  91%|        | 90966/100000 [24:46<02:52, 52.41it/s]
Training Step:  91%|        | 90972/100000 [24:46<02:51, 52.63it/s]
Training Step:  91%|        | 90978/100000 [24:46<02:48, 53.48it/s]
Training Step:  91%|        | 90984/100000 [24:46<02:48, 53.37it/s]
Training Step:  91%|        | 90990/100000 [24:46<02:45, 54.60it/s]
Training Step:  91%|        | 90996/100000 [24:46<02:41, 55.64it/s]
Training Step:  91%|        | 91002/100000 [24:46<02:40, 56.09it/s]
Training Step:  91%|        | 91009/100000 [24:46<02:31, 59.22it/s]
Training Step:  91%|        | 91016/100000 [24:47<02:29, 59.90it/s]
Training Step:  91%|        | 91023/100000 [24:47<02:27, 60.98it/s]
Training Step:  91%|        | 91030/100000 [24:47<02:29, 59.82it/s]
Training Step:  91%|        | 91036/100000 [24:47<02:30, 59.38it/s]
Training Step:  91%|        | 91043/100000 [24:47<02:26, 60.99it/s]
Training Step:  91%|        | 91050/100000 [24:47<02:26, 61.04it/s]
Training Step:  91%|        | 91057/100000 [24:47<02:21, 63.33it/s]
Training Step:  91%|        | 91064/100000 [24:47<02:18, 64.67it/s]
Training Step:  91%|        | 91071/100000 [24:47<02:17, 65.08it/s]
Training Step:  91%|        | 91078/100000 [24:47<02:14,
66.11it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  91%|        | 91085/100000 [24:48<02:38, 56.27it/s]
Training Step:  91%|        | 91092/100000 [24:48<02:33, 57.87it/s]
Training Step:  91%|        | 91099/100000 [24:48<02:27, 60.42it/s]
Training Step:  91%|        | 91106/100000 [24:48<02:26, 60.62it/s]
Training Step:  91%|        | 91113/100000 [24:48<02:23, 61.90it/s]
Training Step:  91%|        | 91120/100000 [24:48<02:25, 61.10it/s]
Training Step:  91%|        | 91127/100000 [24:48<02:23, 61.71it/s]
Training Step:  91%|        | 91134/100000 [24:48<02:26, 60.36it/s]
Training Step:  91%|        | 91141/100000 [24:49<02:22, 61.96it/s]
Training Step:  91%|        | 91148/100000 [24:49<02:27, 60.21it/s]
Training Step:  91%|        | 91155/100000 [24:49<02:31, 58.55it/s]
Training Step:  91%|        | 91161/100000 [24:49<02:30, 58.62it/s]
Training Step:  91%|        | 91167/100000 [24:49<02:38, 55.80it/s]
Training Step:  91%|        | 91173/100000 [24:49<02:40, 55.15it/s]
Training Step:  91%|        | 91179/100000 [24:49<02:45, 53.17it/s]
Training Step:  91%|        | 91185/100000 [24:49<02:51, 51.51it/s]
Training Step:  91%|        | 91191/100000 [24:50<02:52, 50.97it/s]
Training Step:  91%|        | 91197/100000 [24:50<02:58, 49.37it/s]
```

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Training Step:  91%|        | 91202/100000 [24:50<02:59, 48.97it/s]
Training Step:  91%|        | 91208/100000 [24:50<02:55, 50.10it/s]
Training Step:  91%|        | 91214/100000 [24:50<02:50, 51.38it/s]
Training Step:  91%|        | 91220/100000 [24:50<02:47, 52.53it/s]
Training Step:  91%|        | 91226/100000 [24:50<02:46, 52.70it/s]
Training Step:  91%|        | 91232/100000 [24:50<02:45, 53.11it/s]
Training Step:  91%|        | 91238/100000 [24:50<02:45, 52.96it/s]
Training Step:  91%|        | 91244/100000 [24:51<02:48, 52.03it/s]
Training Step:  91%|        | 91250/100000 [24:51<02:47, 52.21it/s]
Training Step:  91%|        | 91256/100000 [24:51<02:56, 49.49it/s]
Training Step:  91%|        | 91261/100000 [24:51<02:58, 48.98it/s]
Training Step:  91%|        | 91266/100000 [24:51<03:02, 47.84it/s]
Training Step:  91%|        | 91271/100000 [24:51<03:01, 48.16it/s]
Training Step:  91%|        | 91276/100000 [24:51<03:01, 48.13it/s]
Training Step:  91%|        | 91282/100000 [24:51<02:57, 49.13it/s]
Training Step:  91%|        | 91288/100000 [24:51<02:55, 49.66it/s]
Training Step:  91%|        | 91294/100000 [24:52<02:53, 50.18it/s]
Training Step:  91%|        | 91300/100000 [24:52<02:53, 50.16it/s]
Training Step:  91%|        | 91306/100000 [24:52<02:53, 50.14it/s]
Training Step:  91%|        | 91312/100000 [24:52<02:58, 48.64it/s]
Training Step:  91%|        | 91318/100000 [24:52<02:57, 48.85it/s]
Training Step:  91%|        | 91323/100000 [24:52<03:03, 47.18it/s]
Training Step:  91%|        | 91328/100000 [24:52<03:01, 47.80it/s]
Training Step:  91%|        | 91334/100000 [24:52<02:55, 49.51it/s]
Training Step:  91%|        | 91340/100000 [24:52<02:50, 50.85it/s]
Training Step:  91%|        | 91346/100000 [24:53<02:45, 52.45it/s]
Training Step:  91%|        | 91353/100000 [24:53<02:36, 55.41it/s]
Training Step:  91%|        | 91359/100000 [24:53<02:34, 55.91it/s]
Training Step:  91%|        | 91365/100000 [24:53<02:33, 56.27it/s]
Training Step:  91%|        | 91372/100000 [24:53<02:27, 58.50it/s]
Training Step:  91%|        | 91379/100000 [24:53<02:21, 60.74it/s]
Training Step:  91%|        | 91386/100000 [24:53<02:19, 61.71it/s]
Training Step:  91%|        | 91393/100000 [24:53<02:16, 63.12it/s]
Training Step:  91%|        | 91400/100000 [24:53<02:14,
63.80it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
arrive_dest.

Training Step:  91%|        | 91407/100000 [24:54<02:38, 54.07it/s]
Training Step:  91%|        | 91414/100000 [24:54<02:31, 56.52it/s]
Training Step:  91%|        | 91421/100000 [24:54<02:24, 59.20it/s]
Training Step:  91%|        | 91428/100000 [24:54<02:29, 57.37it/s]
Training Step:  91%|        | 91434/100000 [24:54<02:38, 54.12it/s]
Training Step:  91%|        | 91440/100000 [24:54<02:42, 52.70it/s]
Training Step:  91%|        | 91446/100000 [24:54<02:43, 52.47it/s]
Training Step:  91%|        | 91452/100000 [24:54<02:40, 53.36it/s]
Training Step:  91%|        | 91458/100000 [24:55<02:41, 53.01it/s]
Training Step:  91%|        | 91464/100000 [24:55<02:43, 52.36it/s]
Training Step:  91%|        | 91470/100000 [24:55<02:47, 50.99it/s]
```

```
Training Step:  91%|         | 91476/100000 [24:55<02:46, 51.25it/s]
Training Step:  91%|         | 91482/100000 [24:55<02:46, 51.19it/s]
Training Step:  91%|         | 91488/100000 [24:55<02:51, 49.74it/s]
Training Step:  91%|         | 91494/100000 [24:55<02:51, 49.53it/s]
Training Step:  92%|         | 91500/100000 [24:55<02:47, 50.80it/s]
Training Step:  92%|         | 91506/100000 [24:56<02:44, 51.58it/s]
Training Step:  92%|         | 91512/100000 [24:56<02:41, 52.40it/s]
Training Step:  92%|         | 91518/100000 [24:56<02:39, 53.03it/s]
Training Step:  92%|         | 91524/100000 [24:56<02:43, 51.83it/s]
Training Step:  92%|         | 91530/100000 [24:56<02:40, 52.61it/s]
Training Step:  92%|         | 91536/100000 [24:56<02:39, 53.18it/s]
Training Step:  92%|         | 91542/100000 [24:56<02:47, 50.49it/s]
Training Step:  92%|         | 91548/100000 [24:56<03:24, 41.32it/s]
Training Step:  92%|         | 91553/100000 [24:57<03:30, 40.08it/s]
Training Step:  92%|         | 91558/100000 [24:57<03:26, 40.86it/s]
Training Step:  92%|         | 91563/100000 [24:57<03:27, 40.71it/s]
Training Step:  92%|         | 91568/100000 [24:57<03:37, 38.71it/s]
Training Step:  92%|         | 91573/100000 [24:57<03:29, 40.17it/s]
Training Step:  92%|         | 91578/100000 [24:57<03:20, 42.00it/s]
Training Step:  92%|         | 91583/100000 [24:57<03:17, 42.53it/s]
Training Step:  92%|         | 91588/100000 [24:57<03:11, 43.92it/s]
Training Step:  92%|         | 91593/100000 [24:57<03:12, 43.67it/s]
Training Step:  92%|         | 91598/100000 [24:58<03:15, 42.95it/s]
Training Step:  92%|         | 91603/100000 [24:58<03:25, 40.79it/s]
Training Step:  92%|         | 91608/100000 [24:58<03:31, 39.59it/s]
Training Step:  92%|         | 91612/100000 [24:58<03:32, 39.40it/s]
Training Step:  92%|         | 91617/100000 [24:58<03:26, 40.69it/s]
Training Step:  92%|         | 91622/100000 [24:58<03:47, 36.80it/s]
Training Step:  92%|         | 91627/100000 [24:58<03:35, 38.80it/s]
Training Step:  92%|         | 91631/100000 [24:58<03:37, 38.52it/s]
Training Step:  92%|         | 91636/100000 [24:59<03:36, 38.69it/s]
Training Step:  92%|         | 91641/100000 [24:59<03:29, 39.94it/s]
Training Step:  92%|         | 91646/100000 [24:59<03:29, 39.86it/s]
Training Step:  92%|         | 91651/100000 [24:59<03:30, 39.71it/s]
Training Step:  92%|         | 91655/100000 [24:59<03:30, 39.68it/s]
Training Step:  92%|         | 91659/100000 [24:59<03:33, 39.14it/s]
Training Step:  92%|         | 91664/100000 [24:59<03:27, 40.24it/s]
Training Step:  92%|         | 91669/100000 [24:59<03:17, 42.21it/s]
Training Step:  92%|         | 91674/100000 [25:00<03:13, 42.94it/s]
Training Step:  92%|         | 91679/100000 [25:00<03:12, 43.22it/s]
Training Step:  92%|         | 91684/100000 [25:00<03:05, 44.84it/s]
Training Step:  92%|         | 91690/100000 [25:00<02:58, 46.61it/s]
Training Step:  92%|         | 91695/100000 [25:00<03:04, 45.00it/s]
Training Step:  92%|         | 91700/100000 [25:00<03:35, 38.55it/s]
Training Step:  92%|         | 91705/100000 [25:00<03:23, 40.75it/s]
Training Step:  92%|         | 91710/100000 [25:00<03:24, 40.52it/s]
Training Step:  92%|         | 91715/100000 [25:01<03:19, 41.46it/s]
Training Step:  92%|         | 91720/100000 [25:01<03:17, 41.94it/s]
```

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Training Step:  92%|        | 91725/100000 [25:01<03:08, 43.83it/s]
Training Step:  92%|        | 91730/100000 [25:01<03:15, 42.29it/s]
Training Step:  92%|        | 91735/100000 [25:01<03:19, 41.45it/s]
Training Step:  92%|        | 91740/100000 [25:01<03:26, 40.06it/s]
Training Step:  92%|        | 91745/100000 [25:01<03:29, 39.48it/s]
Training Step:  92%|        | 91750/100000 [25:01<03:24, 40.30it/s]
Training Step:  92%|        | 91755/100000 [25:01<03:24, 40.41it/s]
Training Step:  92%|        | 91760/100000 [25:02<03:27, 39.71it/s]
Training Step:  92%|        | 91764/100000 [25:02<03:30, 39.09it/s]
Training Step:  92%|        | 91768/100000 [25:02<03:32, 38.72it/s]
Training Step:  92%|        | 91773/100000 [25:02<03:22, 40.70it/s]
Training Step:  92%|        | 91778/100000 [25:02<03:17, 41.64it/s]
Training Step:  92%|        | 91783/100000 [25:02<03:10, 43.21it/s]
Training Step:  92%|        | 91788/100000 [25:02<03:11, 42.98it/s]
Training Step:  92%|        | 91793/100000 [25:02<03:09, 43.36it/s]
Training Step:  92%|        | 91798/100000 [25:03<03:08, 43.50it/s]
Training Step:  92%|        | 91803/100000 [25:03<03:11, 42.82it/s]
Training Step:  92%|        | 91808/100000 [25:03<03:09, 43.24it/s]
Training Step:  92%|        | 91813/100000 [25:03<03:11, 42.75it/s]
Training Step:  92%|        | 91818/100000 [25:03<03:13, 42.21it/s]
Training Step:  92%|        | 91823/100000 [25:03<03:10, 42.91it/s]
Training Step:  92%|        | 91828/100000 [25:03<03:12, 42.35it/s]
Training Step:  92%|        | 91833/100000 [25:03<03:07, 43.49it/s]
Training Step:  92%|        | 91838/100000 [25:03<03:04, 44.18it/s]
Training Step:  92%|        | 91843/100000 [25:04<03:03, 44.43it/s]
Training Step:  92%|        | 91848/100000 [25:04<03:13, 42.03it/s]
Training Step:  92%|        | 91853/100000 [25:04<03:12, 42.34it/s]
Training Step:  92%|        | 91858/100000 [25:04<03:18, 41.10it/s]
Training Step:  92%|        | 91863/100000 [25:04<03:18, 41.06it/s]
Training Step:  92%|        | 91868/100000 [25:04<03:22, 40.15it/s]
Training Step:  92%|        | 91873/100000 [25:04<03:25, 39.53it/s]
Training Step:  92%|        | 91877/100000 [25:04<03:25, 39.55it/s]
Training Step:  92%|        | 91882/100000 [25:05<03:26, 39.40it/s]
Training Step:  92%|        | 91887/100000 [25:05<03:23, 39.87it/s]
Training Step:  92%|        | 91892/100000 [25:05<03:24, 39.72it/s]
Training Step:  92%|        | 91896/100000 [25:05<03:26, 39.18it/s]
Training Step:  92%|        | 91901/100000 [25:05<03:22, 40.04it/s]
Training Step:  92%|        | 91906/100000 [25:05<03:25, 39.44it/s]
Training Step:  92%|        | 91910/100000 [25:05<03:25, 39.28it/s]
Training Step:  92%|        | 91914/100000 [25:05<03:28, 38.84it/s]
Training Step:  92%|        | 91919/100000 [25:05<03:22, 39.85it/s]
Training Step:  92%|        | 91923/100000 [25:06<03:26, 39.14it/s]
Training Step:  92%|        | 91927/100000 [25:06<03:36, 37.22it/s]
Training Step:  92%|        | 91931/100000 [25:06<03:38, 36.97it/s]
Training Step:  92%|        | 91935/100000 [25:06<03:36, 37.29it/s]
Training Step:  92%|        | 91939/100000 [25:06<03:31, 38.05it/s]
Training Step:  92%|        | 91943/100000 [25:06<03:30, 38.30it/s]
Training Step:  92%|        | 91948/100000 [25:06<03:27, 38.76it/s]
```

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Training Step:  92%|      | 91953/100000 [25:06<03:15, 41.08it/s]
Training Step:  92%|      | 91958/100000 [25:06<03:09, 42.50it/s]
Training Step:  92%|      | 91963/100000 [25:07<03:00, 44.55it/s]
Training Step:  92%|      | 91968/100000 [25:07<03:03, 43.77it/s]
Training Step:  92%|      | 91973/100000 [25:07<03:03, 43.80it/s]
Training Step:  92%|      | 91978/100000 [25:07<03:04, 43.37it/s]
Training Step:  92%|      | 91984/100000 [25:07<02:55, 45.60it/s]
Training Step:  92%|      | 91990/100000 [25:07<02:49, 47.17it/s]
Training Step:  92%|      | 91996/100000 [25:07<02:44, 48.79it/s]
Training Step:  92%|      | 92001/100000 [25:07<02:46, 48.01it/s]
Training Step:  92%|      | 92006/100000 [25:07<02:47, 47.64it/s]
Training Step:  92%|      | 92011/100000 [25:08<02:48, 47.54it/s]
Training Step:  92%|      | 92016/100000 [25:08<02:49, 47.18it/s]
Training Step:  92%|      | 92021/100000 [25:08<02:46, 47.84it/s]
Training Step:  92%|      | 92026/100000 [25:08<02:49, 46.98it/s]
Training Step:  92%|      | 92032/100000 [25:08<02:41, 49.42it/s]
Training Step:  92%|      | 92038/100000 [25:08<02:37, 50.69it/s]
Training Step:  92%|      | 92044/100000 [25:08<02:35, 51.29it/s]
Training Step:  92%|      | 92050/100000 [25:08<02:32, 51.98it/s]
Training Step:  92%|      | 92056/100000 [25:08<02:33, 51.76it/s]
Training Step:  92%|      | 92062/100000 [25:09<02:34, 51.35it/s]
Training Step:  92%|      | 92068/100000 [25:09<02:32, 52.01it/s]
Training Step:  92%|      | 92074/100000 [25:09<02:29, 52.89it/s]
Training Step:  92%|      | 92081/100000 [25:09<02:22, 55.62it/s]
Training Step:  92%|      | 92088/100000 [25:09<02:17, 57.68it/s]
Training Step:  92%|      | 92095/100000 [25:09<02:11, 60.08it/s]
Training Step:  92%|      | 92102/100000 [25:09<02:09, 61.14it/s]
Training Step:  92%|      | 92109/100000 [25:09<02:13, 59.00it/s]
Training Step:  92%|      | 92116/100000 [25:09<02:11, 60.03it/s]
Training Step:  92%|      | 92124/100000 [25:10<02:06, 62.41it/s]
Training Step:  92%|      | 92132/100000 [25:10<02:02, 64.21it/s]
Training Step:  92%|      | 92139/100000 [25:10<02:03, 63.78it/s]
Training Step:  92%|      | 92147/100000 [25:10<01:57, 66.99it/s]
Training Step:  92%|      | 92154/100000 [25:10<01:56, 67.45it/s]
Training Step:  92%|      | 92162/100000 [25:10<01:54, 68.66it/s]
Training Step:  92%|      | 92171/100000 [25:10<01:47, 72.81it/s]
Training Step:  92%|      | 92179/100000 [25:10<01:49, 71.61it/s]
Training Step:  92%|      | 92187/100000 [25:10<01:50, 70.61it/s]
Training Step:  92%|      | 92195/100000 [25:11<01:49, 71.13it/s]
Training Step:  92%|      | 92203/100000 [25:11<01:45, 73.58it/s]
Training Step:  92%|      | 92211/100000 [25:11<01:45, 73.93it/s]
Training Step:  92%|      | 92220/100000 [25:11<01:41, 76.33it/s]
Training Step:  92%|      | 92229/100000 [25:11<01:37,
79.74it/s][INFO] Episode ended! Scenario Index: 1015 Reason:
arrive_dest.

Training Step:  92%|      | 92237/100000 [25:11<02:03, 62.88it/s]
Training Step:  92%|      | 92244/100000 [25:11<02:02, 63.08it/s]
```

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Training Step:   92%|        | 92252/100000 [25:11<01:59, 64.62it/s]
Training Step:   92%|        | 92259/100000 [25:12<02:04, 62.02it/s]
Training Step:   92%|        | 92266/100000 [25:12<02:16, 56.57it/s]
Training Step:   92%|        | 92272/100000 [25:12<02:22, 54.22it/s]
Training Step:   92%|        | 92278/100000 [25:12<02:27, 52.28it/s]
Training Step:   92%|        | 92284/100000 [25:12<02:31, 51.08it/s]
Training Step:   92%|        | 92290/100000 [25:12<02:31, 50.74it/s]
Training Step:   92%|        | 92296/100000 [25:12<02:33, 50.30it/s]
Training Step:   92%|        | 92302/100000 [25:12<02:35, 49.62it/s]
Training Step:   92%|        | 92308/100000 [25:13<02:35, 49.49it/s]
Training Step:   92%|        | 92313/100000 [25:13<02:36, 49.11it/s]
Training Step:   92%|        | 92318/100000 [25:13<02:40, 47.94it/s]
Training Step:   92%|        | 92324/100000 [25:13<02:36, 48.95it/s]
Training Step:   92%|        | 92330/100000 [25:13<02:35, 49.41it/s]
Training Step:   92%|        | 92336/100000 [25:13<02:31, 50.75it/s]
Training Step:   92%|        | 92342/100000 [25:13<02:29, 51.18it/s]
Training Step:   92%|        | 92348/100000 [25:13<02:26, 52.16it/s]
Training Step:   92%|        | 92354/100000 [25:13<02:25, 52.58it/s]
Training Step:   92%|        | 92360/100000 [25:14<02:23, 53.16it/s]
Training Step:   92%|        | 92366/100000 [25:14<02:28, 51.49it/s]
Training Step:   92%|        | 92372/100000 [25:14<02:50, 44.74it/s]
Training Step:   92%|        | 92378/100000 [25:14<02:43, 46.52it/s]
Training Step:   92%|        | 92384/100000 [25:14<02:38, 47.97it/s]
Training Step:   92%|        | 92389/100000 [25:14<02:38, 48.02it/s]
Training Step:   92%|        | 92394/100000 [25:14<02:39, 47.69it/s]
Training Step:   92%|        | 92400/100000 [25:14<02:34, 49.09it/s]
Training Step:   92%|        | 92405/100000 [25:15<02:34, 49.20it/s]
Training Step:   92%|        | 92410/100000 [25:15<02:38, 47.95it/s]
Training Step:   92%|        | 92415/100000 [25:15<02:38, 47.86it/s]
Training Step:   92%|        | 92420/100000 [25:15<02:43, 46.49it/s]
Training Step:   92%|        | 92425/100000 [25:15<02:43, 46.31it/s]
Training Step:   92%|        | 92430/100000 [25:15<02:46, 45.44it/s]
Training Step:   92%|        | 92435/100000 [25:15<02:46, 45.56it/s]
Training Step:   92%|        | 92440/100000 [25:15<02:44, 45.90it/s]
Training Step:   92%|        | 92445/100000 [25:15<02:41, 46.79it/s]
Training Step:   92%|        | 92450/100000 [25:16<02:40, 46.90it/s]
Training Step:   92%|        | 92455/100000 [25:16<02:37, 47.79it/s]
Training Step:   92%|        | 92460/100000 [25:16<02:38, 47.60it/s]
Training Step:   92%|        | 92465/100000 [25:16<02:38, 47.61it/s]
Training Step:   92%|        | 92470/100000 [25:16<02:41, 46.68it/s]
Training Step:   92%|        | 92475/100000 [25:16<02:44, 45.67it/s]
Training Step:   92%|        | 92480/100000 [25:16<02:42, 46.24it/s]
Training Step:   92%|        | 92486/100000 [25:16<02:37, 47.58it/s]
Training Step:   92%|        | 92492/100000 [25:16<02:36, 47.96it/s]
Training Step:   92%|        | 92497/100000 [25:17<02:36, 47.86it/s]
Training Step:   93%|        | 92502/100000 [25:17<02:39, 47.00it/s]
Training Step:   93%|        | 92507/100000 [25:17<02:37, 47.57it/s]
Training Step:   93%|        | 92512/100000 [25:17<02:36, 47.98it/s]
```

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Training Step:  93%|        | 92518/100000 [25:17<02:32, 49.17it/s]
Training Step:  93%|        | 92524/100000 [25:17<02:31, 49.31it/s]
Training Step:  93%|        | 92530/100000 [25:17<02:30, 49.52it/s]
Training Step:  93%|        | 92535/100000 [25:17<02:30, 49.65it/s]
Training Step:  93%|        | 92541/100000 [25:17<02:26, 50.98it/s]
Training Step:  93%|        | 92547/100000 [25:18<02:25, 51.21it/s]
Training Step:  93%|        | 92553/100000 [25:18<02:24, 51.37it/s]
Training Step:  93%|        | 92559/100000 [25:18<02:27, 50.42it/s]
Training Step:  93%|        | 92565/100000 [25:18<02:25, 51.07it/s]
Training Step:  93%|        | 92571/100000 [25:18<02:24, 51.40it/s]
Training Step:  93%|        | 92577/100000 [25:18<02:19, 53.29it/s]
Training Step:  93%|        | 92583/100000 [25:18<02:15, 54.85it/s]
Training Step:  93%|        | 92589/100000 [25:18<02:11, 56.15it/s]
Training Step:  93%|        | 92595/100000 [25:18<02:09, 57.25it/s]
Training Step:  93%|        | 92601/100000 [25:18<02:08, 57.72it/s]
Training Step:  93%|        | 92607/100000 [25:19<02:10, 56.73it/s]
Training Step:  93%|        | 92613/100000 [25:19<02:10, 56.42it/s]
Training Step:  93%|        | 92620/100000 [25:19<02:08, 57.24it/s]
Training Step:  93%|        | 92627/100000 [25:19<02:01, 60.82it/s]
Training Step:  93%|        | 92634/100000 [25:19<02:01, 60.50it/s]
Training Step:  93%|        | 92641/100000 [25:19<02:01, 60.45it/s]
Training Step:  93%|        | 92648/100000 [25:19<02:03, 59.63it/s]
Training Step:  93%|        | 92654/100000 [25:19<02:03, 59.57it/s]
Training Step:  93%|        | 92662/100000 [25:20<01:58, 61.99it/s]
Training Step:  93%|        | 92669/100000 [25:20<01:54, 63.84it/s]
Training Step:  93%|        | 92676/100000 [25:20<01:52, 65.02it/s]
Training Step:  93%|        | 92684/100000 [25:20<01:49, 66.63it/s]
Training Step:  93%|        | 92692/100000 [25:20<01:47, 68.09it/s]
Training Step:  93%|        | 92700/100000 [25:20<01:45, 69.10it/s]
Training Step:  93%|        | 92708/100000 [25:20<01:41, 71.54it/s]
Training Step:  93%|        | 92717/100000 [25:20<01:35,
75.91it/s][INFO] Episode ended! Scenario Index: 1018 Reason:
arrive_dest.

Training Step:  93%|        | 92725/100000 [25:20<01:54, 63.63it/s]
Training Step:  93%|        | 92732/100000 [25:21<01:51, 64.90it/s]
Training Step:  93%|        | 92740/100000 [25:21<01:49, 66.26it/s]
Training Step:  93%|        | 92747/100000 [25:21<01:50, 65.35it/s]
Training Step:  93%|        | 92754/100000 [25:21<01:55, 62.87it/s]
Training Step:  93%|        | 92761/100000 [25:21<01:59, 60.46it/s]
Training Step:  93%|        | 92768/100000 [25:21<01:59, 60.49it/s]
Training Step:  93%|        | 92775/100000 [25:21<01:59, 60.60it/s]
Training Step:  93%|        | 92782/100000 [25:21<02:00, 60.06it/s]
Training Step:  93%|        | 92789/100000 [25:21<01:59, 60.46it/s]
Training Step:  93%|        | 92796/100000 [25:22<01:59, 60.11it/s]
Training Step:  93%|        | 92803/100000 [25:22<01:55, 62.26it/s]
Training Step:  93%|        | 92810/100000 [25:22<01:55, 62.50it/s]
Training Step:  93%|        | 92817/100000 [25:22<01:57, 61.03it/s]
```

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Training Step:    93%|       | 92824/100000 [25:22<02:03, 58.25it/s]
Training Step:    93%|       | 92830/100000 [25:22<02:02, 58.55it/s]
Training Step:    93%|       | 92836/100000 [25:22<02:02, 58.47it/s]
Training Step:    93%|       | 92842/100000 [25:22<02:01, 58.90it/s]
Training Step:    93%|       | 92849/100000 [25:22<01:59, 59.68it/s]
Training Step:    93%|       | 92855/100000 [25:23<01:59, 59.60it/s]
Training Step:    93%|       | 92861/100000 [25:23<02:02, 58.38it/s]
Training Step:    93%|       | 92867/100000 [25:23<02:01, 58.51it/s]
Training Step:    93%|       | 92873/100000 [25:23<02:02, 58.10it/s]
Training Step:    93%|       | 92879/100000 [25:23<02:01, 58.48it/s]
Training Step:    93%|       | 92885/100000 [25:23<02:02, 58.08it/s]
Training Step:    93%|       | 92891/100000 [25:23<02:03, 57.75it/s]
Training Step:    93%|       | 92897/100000 [25:23<02:03, 57.48it/s]
Training Step:    93%|       | 92904/100000 [25:23<02:02, 58.08it/s]
Training Step:    93%|       | 92910/100000 [25:24<02:02, 57.96it/s]
Training Step:    93%|       | 92916/100000 [25:24<02:04, 56.76it/s]
Training Step:    93%|       | 92922/100000 [25:24<02:08, 55.18it/s]
Training Step:    93%|       | 92928/100000 [25:24<02:09, 54.40it/s]
Training Step:    93%|       | 92934/100000 [25:24<02:08, 54.89it/s]
Training Step:    93%|       | 92940/100000 [25:24<02:06, 56.00it/s]
Training Step:    93%|       | 92946/100000 [25:24<02:05, 56.03it/s]
Training Step:    93%|       | 92952/100000 [25:24<02:05, 56.20it/s]
Training Step:    93%|       | 92958/100000 [25:24<02:04, 56.48it/s]
Training Step:    93%|       | 92964/100000 [25:25<02:05, 56.20it/s]
Training Step:    93%|       | 92970/100000 [25:25<02:04, 56.32it/s]
Training Step:    93%|       | 92976/100000 [25:25<02:12, 52.97it/s]
Training Step:    93%|       | 92982/100000 [25:25<02:18, 50.72it/s]
Training Step:    93%|       | 92988/100000 [25:25<02:22, 49.14it/s]
Training Step:    93%|       | 92993/100000 [25:25<02:24, 48.48it/s]
Training Step:    93%|       | 92998/100000 [25:25<02:28, 47.00it/s]
Training Step:    93%|       | 93003/100000 [25:25<02:35, 44.91it/s]
Training Step:    93%|       | 93008/100000 [25:25<02:44, 42.55it/s]
Training Step:    93%|       | 93013/100000 [25:26<02:43, 42.82it/s]
Training Step:    93%|       | 93018/100000 [25:26<02:45, 42.26it/s]
Training Step:    93%|       | 93023/100000 [25:26<02:46, 41.88it/s]
Training Step:    93%|       | 93028/100000 [25:26<02:47, 41.51it/s]
Training Step:    93%|       | 93033/100000 [25:26<02:44, 42.28it/s]
Training Step:    93%|       | 93038/100000 [25:26<02:45, 42.10it/s]
Training Step:    93%|       | 93043/100000 [25:26<02:40, 43.38it/s]
Training Step:    93%|       | 93048/100000 [25:26<02:40,
43.30it/s][INFO] Episode ended! Scenario Index: 1006 Reason:
out_of_road.

Training Step:    93%|       | 93053/100000 [25:27<02:59, 38.73it/s]
Training Step:    93%|       | 93061/100000 [25:27<02:21, 49.00it/s]
Training Step:    93%|       | 93070/100000 [25:27<02:01, 57.20it/s]
Training Step:    93%|       | 93078/100000 [25:27<01:50, 62.89it/s]
Training Step:    93%|       | 93086/100000 [25:27<01:42, 67.56it/s]
```

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Training Step:  93%|        | 93094/100000 [25:27<01:39, 69.68it/s]
Training Step:  93%|        | 93102/100000 [25:27<01:36, 71.38it/s]
Training Step:  93%|        | 93110/100000 [25:27<01:36, 71.20it/s]
Training Step:  93%|        | 93118/100000 [25:27<01:35, 72.05it/s]
Training Step:  93%|        | 93126/100000 [25:28<01:34, 72.61it/s]
Training Step:  93%|        | 93134/100000 [25:28<01:35, 71.58it/s]
Training Step:  93%|        | 93142/100000 [25:28<01:36, 71.42it/s]
Training Step:  93%|        | 93150/100000 [25:28<01:35, 71.81it/s]
Training Step:  93%|        | 93158/100000 [25:28<01:36, 70.55it/s]
Training Step:  93%|        | 93166/100000 [25:28<01:38, 69.34it/s]
Training Step:  93%|        | 93173/100000 [25:28<01:40, 68.04it/s]
Training Step:  93%|        | 93180/100000 [25:28<01:43, 65.69it/s]
Training Step:  93%|        | 93187/100000 [25:28<01:44, 65.44it/s]
Training Step:  93%|        | 93194/100000 [25:29<01:45, 64.56it/s]
Training Step:  93%|        | 93201/100000 [25:29<01:44, 65.16it/s]
Training Step:  93%|        | 93208/100000 [25:29<01:46,
63.66it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  93%|        | 93215/100000 [25:29<01:56, 58.45it/s]
Training Step:  93%|        | 93224/100000 [25:29<01:43, 65.50it/s]
Training Step:  93%|        | 93233/100000 [25:29<01:34, 71.31it/s]
Training Step:  93%|        | 93241/100000 [25:29<01:40, 67.23it/s]
Training Step:  93%|        | 93249/100000 [25:29<01:36, 69.86it/s]
Training Step:  93%|        | 93257/100000 [25:29<01:36, 69.95it/s]
Training Step:  93%|        | 93265/100000 [25:30<01:33, 71.71it/s]
Training Step:  93%|        | 93273/100000 [25:30<01:32, 72.40it/s]
Training Step:  93%|        | 93281/100000 [25:30<01:36, 69.89it/s]
Training Step:  93%|        | 93289/100000 [25:30<01:36, 69.58it/s]
Training Step:  93%|        | 93296/100000 [25:30<01:36, 69.50it/s]
Training Step:  93%|        | 93304/100000 [25:30<01:36, 69.52it/s]
Training Step:  93%|        | 93312/100000 [25:30<01:35, 69.91it/s]
Training Step:  93%|        | 93320/100000 [25:30<01:35, 69.99it/s]
Training Step:  93%|        | 93328/100000 [25:30<01:34, 70.42it/s]
Training Step:  93%|        | 93336/100000 [25:31<01:34, 70.72it/s]
Training Step:  93%|        | 93344/100000 [25:31<01:33, 71.12it/s]
Training Step:  93%|        | 93352/100000 [25:31<01:31, 72.38it/s]
Training Step:  93%|        | 93360/100000 [25:31<01:30, 73.08it/s]
Training Step:  93%|        | 93368/100000 [25:31<01:29, 73.78it/s]
Training Step:  93%|        | 93376/100000 [25:31<01:29, 74.28it/s]
Training Step:  93%|        | 93384/100000 [25:31<01:30, 73.40it/s]
Training Step:  93%|        | 93392/100000 [25:31<01:32,
71.24it/s][INFO] Episode ended! Scenario Index: 1014 Reason: crash
vehicle

Training Step:  93%|        | 93400/100000 [25:32<01:46, 62.01it/s]
Training Step:  93%|        | 93408/100000 [25:32<01:40, 65.36it/s]
Training Step:  93%|        | 93416/100000 [25:32<01:36, 67.92it/s]
```

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Training Step:  93%|        | 93424/100000 [25:32<01:35, 68.94it/s]
Training Step:  93%|        | 93432/100000 [25:32<01:35, 68.77it/s]
Training Step:  93%|        | 93439/100000 [25:32<01:36, 67.98it/s]
Training Step:  93%|        | 93446/100000 [25:32<01:37, 67.22it/s]
Training Step:  93%|        | 93453/100000 [25:32<01:37, 67.06it/s]
Training Step:  93%|        | 93460/100000 [25:32<01:38, 66.21it/s]
Training Step:  93%|        | 93467/100000 [25:33<01:39, 65.80it/s]
Training Step:  93%|        | 93474/100000 [25:33<01:41, 64.09it/s]
Training Step:  93%|        | 93481/100000 [25:33<01:41, 64.13it/s]
Training Step:  93%|        | 93488/100000 [25:33<01:47, 60.52it/s]
Training Step:  93%|        | 93495/100000 [25:33<01:52, 57.93it/s]
Training Step:  94%|        | 93501/100000 [25:33<01:56, 55.57it/s]
Training Step:  94%|        | 93507/100000 [25:33<01:58, 54.59it/s]
Training Step:  94%|        | 93513/100000 [25:33<02:00, 53.61it/s]
Training Step:  94%|        | 93519/100000 [25:33<02:01, 53.32it/s]
Training Step:  94%|        | 93525/100000 [25:34<01:58, 54.82it/s]
Training Step:  94%|        | 93531/100000 [25:34<01:58, 54.45it/s]
Training Step:  94%|        | 93537/100000 [25:34<01:59, 54.19it/s]
Training Step:  94%|        | 93543/100000 [25:34<01:57, 55.03it/s]
Training Step:  94%|        | 93550/100000 [25:34<01:55, 56.08it/s]
Training Step:  94%|        | 93556/100000 [25:34<01:55, 55.93it/s]
Training Step:  94%|        | 93562/100000 [25:34<01:55, 55.76it/s]
Training Step:  94%|        | 93568/100000 [25:34<01:58, 54.29it/s]
Training Step:  94%|        | 93574/100000 [25:34<02:00, 53.42it/s]
Training Step:  94%|        | 93580/100000 [25:35<02:01, 52.91it/s]
Training Step:  94%|        | 93586/100000 [25:35<02:01, 52.69it/s]
Training Step:  94%|        | 93592/100000 [25:35<02:01, 52.67it/s]
Training Step:  94%|        | 93598/100000 [25:35<02:00, 53.22it/s]
Training Step:  94%|        | 93604/100000 [25:35<01:58, 53.75it/s]
Training Step:  94%|        | 93610/100000 [25:35<01:57, 54.58it/s]
Training Step:  94%|        | 93616/100000 [25:35<01:57, 54.27it/s]
Training Step:  94%|        | 93622/100000 [25:35<01:59, 53.48it/s]
Training Step:  94%|        | 93628/100000 [25:35<02:01, 52.39it/s]
Training Step:  94%|        | 93634/100000 [25:36<02:01, 52.19it/s]
Training Step:  94%|        | 93640/100000 [25:36<02:02, 51.91it/s]
Training Step:  94%|        | 93647/100000 [25:36<01:55, 54.87it/s]
Training Step:  94%|        | 93654/100000 [25:36<01:51, 56.68it/s]
Training Step:  94%|        | 93660/100000 [25:36<01:50, 57.58it/s]
Training Step:  94%|        | 93667/100000 [25:36<01:46, 59.39it/s]
Training Step:  94%|        | 93674/100000 [25:36<01:43, 61.16it/s]
Training Step:  94%|        | 93682/100000 [25:36<01:39, 63.43it/s]
Training Step:  94%|        | 93689/100000 [25:36<01:37, 64.55it/s]
Training Step:  94%|        | 93696/100000 [25:37<01:36, 65.42it/s]
Training Step:  94%|        | 93703/100000 [25:37<01:34, 66.43it/s]
Training Step:  94%|        | 93710/100000 [25:37<01:44, 60.17it/s]
Training Step:  94%|        | 93718/100000 [25:37<01:40, 62.80it/s]
Training Step:  94%|        | 93726/100000 [25:37<01:35,
65.66it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
```

arrive_dest.

```
Training Step:  94%|          | 93733/100000 [25:37<01:46, 58.97it/s]
Training Step:  94%|          | 93741/100000 [25:37<01:38, 63.70it/s]
Training Step:  94%|          | 93749/100000 [25:37<01:31, 68.02it/s]
Training Step:  94%|          | 93757/100000 [25:38<01:29, 69.78it/s]
Training Step:  94%|          | 93765/100000 [25:38<01:29, 69.53it/s]
Training Step:  94%|          | 93773/100000 [25:38<01:27, 71.04it/s]
Training Step:  94%|          | 93781/100000 [25:38<01:26, 71.54it/s]
Training Step:  94%|          | 93789/100000 [25:38<01:25, 72.49it/s]
Training Step:  94%|          | 93797/100000 [25:38<01:25, 72.36it/s]
Training Step:  94%|          | 93805/100000 [25:38<01:24, 73.07it/s]
Training Step:  94%|          | 93813/100000 [25:38<01:25, 72.77it/s]
Training Step:  94%|          | 93821/100000 [25:38<01:25, 72.56it/s]
Training Step:  94%|          | 93829/100000 [25:39<01:26, 71.44it/s]
Training Step:  94%|          | 93837/100000 [25:39<01:29, 68.85it/s]
Training Step:  94%|          | 93844/100000 [25:39<01:33, 65.77it/s]
Training Step:  94%|          | 93851/100000 [25:39<01:39, 61.92it/s]
Training Step:  94%|          | 93858/100000 [25:39<01:41, 60.70it/s]
Training Step:  94%|          | 93865/100000 [25:39<01:39, 61.68it/s]
Training Step:  94%|          | 93872/100000 [25:39<01:39, 61.60it/s]
Training Step:  94%|          | 93879/100000 [25:39<01:39, 61.70it/s]
Training Step:  94%|          | 93886/100000 [25:39<01:42, 59.44it/s]
Training Step:  94%|          | 93892/100000 [25:40<01:43, 58.97it/s]
Training Step:  94%|          | 93898/100000 [25:40<01:46, 57.22it/s]
Training Step:  94%|          | 93904/100000 [25:40<01:49, 55.85it/s]
Training Step:  94%|          | 93910/100000 [25:40<01:47, 56.52it/s]
Training Step:  94%|          | 93916/100000 [25:40<01:46, 57.17it/s]
Training Step:  94%|          | 93922/100000 [25:40<01:46, 57.32it/s]
Training Step:  94%|          | 93928/100000 [25:40<01:45, 57.76it/s]
Training Step:  94%|          | 93934/100000 [25:40<01:45, 57.57it/s]
Training Step:  94%|          | 93941/100000 [25:40<01:41, 59.62it/s]
Training Step:  94%|          | 93948/100000 [25:41<01:39, 61.02it/s]
Training Step:  94%|          | 93955/100000 [25:41<01:36, 62.87it/s]
Training Step:  94%|          | 93962/100000 [25:41<01:35, 63.46it/s]
Training Step:  94%|          | 93969/100000 [25:41<01:39, 60.48it/s]
Training Step:  94%|          | 93976/100000 [25:41<01:46, 56.72it/s]
Training Step:  94%|          | 93982/100000 [25:41<01:46, 56.61it/s]
Training Step:  94%|          | 93988/100000 [25:41<01:47, 55.73it/s]
Training Step:  94%|          | 93995/100000 [25:41<01:44, 57.41it/s]
Training Step:  94%|          | 94001/100000 [25:41<01:48, 55.26it/s]
Training Step:  94%|          | 94008/100000 [25:42<01:45, 56.64it/s]
Training Step:  94%|          | 94014/100000 [25:42<01:45, 56.93it/s]
Training Step:  94%|          | 94020/100000 [25:42<01:44, 57.30it/s]
Training Step:  94%|          | 94026/100000 [25:42<01:44, 57.26it/s]
Training Step:  94%|          | 94032/100000 [25:42<01:43, 57.71it/s]
Training Step:  94%|          | 94038/100000 [25:42<01:43, 57.87it/s]
Training Step:  94%|          | 94045/100000 [25:42<01:39, 59.82it/s]
```

```
Training Step:   94%|          | 94051/100000 [25:42<01:39, 59.70it/s]
Training Step:   94%|          | 94058/100000 [25:42<01:37, 60.75it/s]
Training Step:   94%|          | 94065/100000 [25:43<01:34, 62.86it/s]
Training Step:   94%|          | 94072/100000 [25:43<01:33, 63.10it/s]
Training Step:   94%|          | 94080/100000 [25:43<01:31, 64.61it/s]
Training Step:   94%|          | 94088/100000 [25:43<01:29, 65.96it/s]
Training Step:   94%|          | 94095/100000 [25:43<01:28, 66.90it/s]
Training Step:   94%|          | 94102/100000 [25:43<01:30, 64.84it/s]
Training Step:   94%|          | 94109/100000 [25:43<01:35, 61.99it/s]
Training Step:   94%|          | 94116/100000 [25:43<01:37, 60.52it/s]
Training Step:   94%|          | 94123/100000 [25:43<01:34, 62.23it/s]
Training Step:   94%|          | 94130/100000 [25:44<01:32, 63.32it/s]
Training Step:   94%|          | 94138/100000 [25:44<01:30, 64.89it/s]
Training Step:   94%|          | 94146/100000 [25:44<01:27,
66.66it/s][INFO] Episode ended! Scenario Index: 1019 Reason:
arrive_dest.

Training Step:   94%|          | 94153/100000 [25:44<01:37, 59.85it/s]
Training Step:   94%|          | 94161/100000 [25:44<01:32, 63.25it/s]
Training Step:   94%|          | 94168/100000 [25:44<01:30, 64.35it/s]
Training Step:   94%|          | 94176/100000 [25:44<01:28, 65.92it/s]
Training Step:   94%|          | 94184/100000 [25:44<01:27, 66.66it/s]
Training Step:   94%|          | 94191/100000 [25:44<01:26, 66.84it/s]
Training Step:   94%|          | 94199/100000 [25:45<01:24, 68.40it/s]
Training Step:   94%|          | 94206/100000 [25:45<01:25, 67.71it/s]
Training Step:   94%|          | 94213/100000 [25:45<01:25, 67.60it/s]
Training Step:   94%|          | 94220/100000 [25:45<01:25, 67.32it/s]
Training Step:   94%|          | 94228/100000 [25:45<01:23, 68.97it/s]
Training Step:   94%|          | 94235/100000 [25:45<01:27, 66.08it/s]
Training Step:   94%|          | 94242/100000 [25:45<01:29, 64.47it/s]
Training Step:   94%|          | 94249/100000 [25:45<01:31, 62.88it/s]
Training Step:   94%|          | 94256/100000 [25:45<01:33, 61.70it/s]
Training Step:   94%|          | 94263/100000 [25:46<01:31, 62.66it/s]
Training Step:   94%|          | 94270/100000 [25:46<01:34, 60.67it/s]
Training Step:   94%|          | 94277/100000 [25:46<01:34, 60.42it/s]
Training Step:   94%|          | 94284/100000 [25:46<01:39, 57.58it/s]
Training Step:   94%|          | 94290/100000 [25:46<01:39, 57.31it/s]
Training Step:   94%|          | 94296/100000 [25:46<01:41, 56.22it/s]
Training Step:   94%|          | 94302/100000 [25:46<01:39, 57.09it/s]
Training Step:   94%|          | 94308/100000 [25:46<01:39, 57.26it/s]
Training Step:   94%|          | 94314/100000 [25:47<01:40, 56.60it/s]
Training Step:   94%|          | 94320/100000 [25:47<01:41, 56.13it/s]
Training Step:   94%|          | 94326/100000 [25:47<01:41, 55.65it/s]
Training Step:   94%|          | 94332/100000 [25:47<01:44, 54.43it/s]
Training Step:   94%|          | 94338/100000 [25:47<01:43, 54.91it/s]
Training Step:   94%|          | 94344/100000 [25:47<01:41, 55.56it/s]
Training Step:   94%|          | 94350/100000 [25:47<01:39, 56.81it/s]
Training Step:   94%|          | 94356/100000 [25:47<01:38, 57.24it/s]
```

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Training Step:   94%|        | 94362/100000 [25:47<01:39, 56.88it/s]
Training Step:   94%|        | 94369/100000 [25:47<01:35, 59.13it/s]
Training Step:   94%|        | 94376/100000 [25:48<01:35, 58.94it/s]
Training Step:   94%|        | 94382/100000 [25:48<01:37, 57.78it/s]
Training Step:   94%|        | 94388/100000 [25:48<01:40, 55.96it/s]
Training Step:   94%|        | 94394/100000 [25:48<01:42, 54.51it/s]
Training Step:   94%|        | 94400/100000 [25:48<01:41, 55.26it/s]
Training Step:   94%|        | 94406/100000 [25:48<01:39, 56.11it/s]
Training Step:   94%|        | 94412/100000 [25:48<01:38, 56.73it/s]
Training Step:   94%|        | 94418/100000 [25:48<01:38, 56.69it/s]
Training Step:   94%|        | 94424/100000 [25:48<01:38, 56.67it/s]
Training Step:   94%|        | 94430/100000 [25:49<01:38, 56.65it/s]
Training Step:   94%|        | 94436/100000 [25:49<01:38, 56.32it/s]
Training Step:   94%|        | 94442/100000 [25:49<01:40, 55.31it/s]
Training Step:   94%|        | 94448/100000 [25:49<01:39, 55.69it/s]
Training Step:   94%|        | 94454/100000 [25:49<01:39, 55.81it/s]
Training Step:   94%|        | 94460/100000 [25:49<01:39, 55.73it/s]
Training Step:   94%|        | 94466/100000 [25:49<01:39, 55.52it/s]
Training Step:   94%|        | 94472/100000 [25:49<01:38, 56.00it/s]
Training Step:   94%|        | 94478/100000 [25:49<01:38, 56.18it/s]
Training Step:   94%|        | 94484/100000 [25:50<01:36, 57.11it/s]
Training Step:   94%|        | 94490/100000 [25:50<01:36, 57.12it/s]
Training Step:   94%|        | 94496/100000 [25:50<01:35, 57.62it/s]
Training Step:   95%|        | 94502/100000 [25:50<01:35, 57.31it/s]
Training Step:   95%|        | 94509/100000 [25:50<01:33, 58.98it/s]
Training Step:   95%|        | 94516/100000 [25:50<01:32, 59.49it/s]
Training Step:   95%|        | 94523/100000 [25:50<01:28, 61.58it/s]
Training Step:   95%|        | 94530/100000 [25:50<01:25,
63.97it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:   95%|        | 94537/100000 [25:50<01:33, 58.61it/s]
Training Step:   95%|        | 94544/100000 [25:51<01:28, 61.34it/s]
Training Step:   95%|        | 94552/100000 [25:51<01:24, 64.19it/s]
Training Step:   95%|        | 94559/100000 [25:51<01:26, 62.85it/s]
Training Step:   95%|        | 94566/100000 [25:51<01:30, 60.35it/s]
Training Step:   95%|        | 94573/100000 [25:51<01:32, 58.55it/s]
Training Step:   95%|        | 94579/100000 [25:51<01:34, 57.42it/s]
Training Step:   95%|        | 94585/100000 [25:51<01:35, 56.90it/s]
Training Step:   95%|        | 94591/100000 [25:51<01:34, 57.43it/s]
Training Step:   95%|        | 94597/100000 [25:51<01:33, 57.66it/s]
Training Step:   95%|        | 94603/100000 [25:52<01:34, 57.19it/s]
Training Step:   95%|        | 94609/100000 [25:52<01:34, 56.86it/s]
Training Step:   95%|        | 94615/100000 [25:52<01:34, 57.10it/s]
Training Step:   95%|        | 94621/100000 [25:52<01:34, 56.95it/s]
Training Step:   95%|        | 94627/100000 [25:52<01:34, 56.69it/s]
Training Step:   95%|        | 94633/100000 [25:52<01:35, 56.29it/s]
Training Step:   95%|        | 94639/100000 [25:52<01:34, 56.60it/s]
```

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Training Step:  95%|        | 94645/100000 [25:52<01:33, 57.15it/s]
Training Step:  95%|        | 94651/100000 [25:52<01:34, 56.82it/s]
Training Step:  95%|        | 94657/100000 [25:52<01:33, 57.41it/s]
Training Step:  95%|        | 94663/100000 [25:53<01:33, 57.33it/s]
Training Step:  95%|        | 94669/100000 [25:53<01:34, 56.46it/s]
Training Step:  95%|        | 94675/100000 [25:53<01:36, 55.26it/s]
Training Step:  95%|        | 94681/100000 [25:53<01:35, 55.65it/s]
Training Step:  95%|        | 94687/100000 [25:53<01:36, 55.16it/s]
Training Step:  95%|        | 94693/100000 [25:53<01:35, 55.28it/s]
Training Step:  95%|        | 94699/100000 [25:53<01:36, 55.21it/s]
Training Step:  95%|        | 94705/100000 [25:53<01:34, 55.93it/s]
Training Step:  95%|        | 94711/100000 [25:53<01:34, 55.97it/s]
Training Step:  95%|        | 94717/100000 [25:54<01:34, 56.16it/s]
Training Step:  95%|        | 94724/100000 [25:54<01:31, 57.97it/s]
Training Step:  95%|        | 94730/100000 [25:54<01:30, 58.21it/s]
Training Step:  95%|        | 94736/100000 [25:54<01:31, 57.57it/s]
Training Step:  95%|        | 94743/100000 [25:54<01:28, 59.10it/s]
Training Step:  95%|        | 94749/100000 [25:54<01:29, 58.36it/s]
Training Step:  95%|        | 94755/100000 [25:54<01:32, 56.42it/s]
Training Step:  95%|        | 94761/100000 [25:54<01:34, 55.43it/s]
Training Step:  95%|        | 94767/100000 [25:54<01:32, 56.44it/s]
Training Step:  95%|        | 94773/100000 [25:55<01:32, 56.40it/s]
Training Step:  95%|        | 94779/100000 [25:55<01:32, 56.30it/s]
Training Step:  95%|        | 94785/100000 [25:55<01:31, 56.71it/s]
Training Step:  95%|        | 94791/100000 [25:55<01:31, 57.00it/s]
Training Step:  95%|        | 94797/100000 [25:55<01:31, 56.72it/s]
Training Step:  95%|        | 94803/100000 [25:55<01:35, 54.23it/s]
Training Step:  95%|        | 94809/100000 [25:55<01:35, 54.32it/s]
Training Step:  95%|        | 94815/100000 [25:55<01:34, 55.14it/s]
Training Step:  95%|        | 94821/100000 [25:55<01:32, 56.04it/s]
Training Step:  95%|        | 94828/100000 [25:56<01:30, 56.93it/s]
Training Step:  95%|        | 94835/100000 [25:56<01:26, 59.59it/s]
Training Step:  95%|        | 94841/100000 [25:56<01:27, 58.87it/s]
Training Step:  95%|        | 94847/100000 [25:56<01:28, 58.36it/s]
Training Step:  95%|        | 94853/100000 [25:56<01:30, 56.57it/s]
Training Step:  95%|        | 94860/100000 [25:56<01:28, 57.91it/s]
Training Step:  95%|        | 94866/100000 [25:56<01:27, 58.49it/s]
Training Step:  95%|        | 94872/100000 [25:56<01:32, 55.15it/s]
Training Step:  95%|        | 94878/100000 [25:56<01:33, 54.82it/s]
Training Step:  95%|        | 94884/100000 [25:57<01:32, 55.01it/s]
Training Step:  95%|        | 94890/100000 [25:57<01:33, 54.77it/s]
Training Step:  95%|        | 94896/100000 [25:57<01:31, 55.52it/s]
Training Step:  95%|        | 94902/100000 [25:57<01:32, 54.92it/s]
Training Step:  95%|        | 94908/100000 [25:57<01:35, 53.07it/s]
Training Step:  95%|        | 94914/100000 [25:57<01:36, 52.52it/s]
Training Step:  95%|        | 94920/100000 [25:57<01:36, 52.83it/s]
Training Step:  95%|        | 94926/100000 [25:57<01:32, 54.64it/s]
Training Step:  95%|        | 94933/100000 [25:57<01:27, 57.66it/s]
```

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Training Step:  95%|        | 94940/100000 [25:58<01:25, 59.30it/s]
Training Step:  95%|        | 94947/100000 [25:58<01:21, 61.78it/s]
Training Step:  95%|        | 94954/100000 [25:58<01:19, 63.22it/s]
Training Step:  95%|        | 94962/100000 [25:58<01:16, 65.94it/s]
Training Step:  95%|        | 94970/100000 [25:58<01:12, 68.95it/s]
Training Step:  95%|        | 94979/100000 [25:58<01:09, 72.68it/s]
Training Step:  95%|        | 94987/100000 [25:58<01:08, 73.71it/s]
Training Step:  95%|        | 94995/100000 [25:58<01:07,
74.44it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:  95%|        | 95003/100000 [25:58<01:16, 65.52it/s]
Training Step:  95%|        | 95011/100000 [25:59<01:12, 68.94it/s]
Training Step:  95%|        | 95019/100000 [25:59<01:10, 70.78it/s]
Training Step:  95%|        | 95027/100000 [25:59<01:14, 66.97it/s]
Training Step:  95%|        | 95034/100000 [25:59<01:19, 62.85it/s]
Training Step:  95%|        | 95041/100000 [25:59<01:19, 62.20it/s]
Training Step:  95%|        | 95048/100000 [25:59<01:21, 60.44it/s]
Training Step:  95%|        | 95055/100000 [25:59<01:21, 60.56it/s]
Training Step:  95%|        | 95062/100000 [25:59<01:22, 59.89it/s]
Training Step:  95%|        | 95069/100000 [25:59<01:22, 60.02it/s]
Training Step:  95%|        | 95076/100000 [26:00<01:22, 59.66it/s]
Training Step:  95%|        | 95082/100000 [26:00<01:22, 59.28it/s]
Training Step:  95%|        | 95089/100000 [26:00<01:21, 60.23it/s]
Training Step:  95%|        | 95096/100000 [26:00<01:23, 58.88it/s]
Training Step:  95%|        | 95102/100000 [26:00<01:24, 58.09it/s]
Training Step:  95%|        | 95108/100000 [26:00<01:23, 58.45it/s]
Training Step:  95%|        | 95115/100000 [26:00<01:22, 59.52it/s]
Training Step:  95%|        | 95121/100000 [26:00<01:22, 59.32it/s]
Training Step:  95%|        | 95128/100000 [26:00<01:22, 59.32it/s]
Training Step:  95%|        | 95134/100000 [26:01<01:21, 59.35it/s]
Training Step:  95%|        | 95140/100000 [26:01<01:21, 59.36it/s]
Training Step:  95%|        | 95147/100000 [26:01<01:20, 60.01it/s]
Training Step:  95%|        | 95153/100000 [26:01<01:21, 59.33it/s]
Training Step:  95%|        | 95159/100000 [26:01<01:24, 57.60it/s]
Training Step:  95%|        | 95165/100000 [26:01<01:23, 58.02it/s]
Training Step:  95%|        | 95171/100000 [26:01<01:22, 58.49it/s]
Training Step:  95%|        | 95178/100000 [26:01<01:21, 59.26it/s]
Training Step:  95%|        | 95184/100000 [26:01<01:21, 59.30it/s]
Training Step:  95%|        | 95191/100000 [26:02<01:20, 59.80it/s]
Training Step:  95%|        | 95197/100000 [26:02<01:20, 59.85it/s]
Training Step:  95%|        | 95203/100000 [26:02<01:20, 59.55it/s]
Training Step:  95%|        | 95209/100000 [26:02<01:20, 59.17it/s]
Training Step:  95%|        | 95216/100000 [26:02<01:20, 59.38it/s]
Training Step:  95%|        | 95222/100000 [26:02<01:20, 59.56it/s]
Training Step:  95%|        | 95228/100000 [26:02<01:21, 58.84it/s]
Training Step:  95%|        | 95235/100000 [26:02<01:18, 60.32it/s]
Training Step:  95%|        | 95242/100000 [26:02<01:19, 60.16it/s]
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Training Step:  95%|        | 95249/100000 [26:03<01:19, 59.42it/s]
Training Step:  95%|        | 95256/100000 [26:03<01:19, 59.55it/s]
Training Step:  95%|        | 95262/100000 [26:03<01:20, 58.87it/s]
Training Step:  95%|        | 95268/100000 [26:03<01:22, 57.58it/s]
Training Step:  95%|        | 95274/100000 [26:03<01:32, 51.14it/s]
Training Step:  95%|        | 95280/100000 [26:03<01:32, 50.80it/s]
Training Step:  95%|        | 95286/100000 [26:03<01:32, 50.82it/s]
Training Step:  95%|        | 95292/100000 [26:03<01:30, 52.19it/s]
Training Step:  95%|        | 95298/100000 [26:03<01:30, 51.98it/s]
Training Step:  95%|        | 95304/100000 [26:04<01:29, 52.72it/s]
Training Step:  95%|        | 95310/100000 [26:04<01:30, 52.01it/s]
Training Step:  95%|        | 95316/100000 [26:04<01:30, 51.79it/s]
Training Step:  95%|        | 95322/100000 [26:04<01:27, 53.28it/s]
Training Step:  95%|        | 95328/100000 [26:04<01:25, 54.68it/s]
Training Step:  95%|        | 95335/100000 [26:04<01:21, 57.06it/s]
Training Step:  95%|        | 95342/100000 [26:04<01:20, 57.61it/s]
Training Step:  95%|        | 95349/100000 [26:04<01:18, 59.07it/s]
Training Step:  95%|        | 95355/100000 [26:04<01:18, 59.33it/s]
Training Step:  95%|        | 95362/100000 [26:05<01:18, 59.01it/s]
Training Step:  95%|        | 95368/100000 [26:05<01:18, 58.96it/s]
Training Step:  95%|        | 95374/100000 [26:05<01:20, 57.31it/s]
Training Step:  95%|        | 95380/100000 [26:05<01:21, 56.48it/s]
Training Step:  95%|        | 95387/100000 [26:05<01:19, 58.00it/s]
Training Step:  95%|        | 95394/100000 [26:05<01:18, 59.04it/s]
Training Step:  95%|        | 95401/100000 [26:05<01:16, 60.40it/s]
Training Step:  95%|        | 95408/100000 [26:05<01:16, 60.06it/s]
Training Step:  95%|        | 95415/100000 [26:05<01:16, 60.12it/s]
Training Step:  95%|        | 95422/100000 [26:06<01:14, 61.29it/s]
Training Step:  95%|        | 95430/100000 [26:06<01:09, 65.54it/s]
Training Step:  95%|        | 95438/100000 [26:06<01:07, 67.88it/s]
Training Step:  95%|        | 95446/100000 [26:06<01:05,
69.71it/s][INFO] Episode ended! Scenario Index: 1008 Reason:
arrive_dest.

Training Step:  95%|        | 95453/100000 [26:06<01:15, 60.58it/s]
Training Step:  95%|        | 95461/100000 [26:06<01:10, 64.28it/s]
Training Step:  95%|        | 95469/100000 [26:06<01:06, 68.10it/s]
Training Step:  95%|        | 95476/100000 [26:06<01:07, 67.51it/s]
Training Step:  95%|        | 95483/100000 [26:06<01:06, 68.01it/s]
Training Step:  95%|        | 95491/100000 [26:07<01:04, 70.02it/s]
Training Step:  95%|        | 95499/100000 [26:07<01:04, 70.26it/s]
Training Step:  96%|        | 95507/100000 [26:07<01:02, 71.99it/s]
Training Step:  96%|        | 95515/100000 [26:07<01:03, 70.46it/s]
Training Step:  96%|        | 95523/100000 [26:07<01:06, 67.66it/s]
Training Step:  96%|        | 95530/100000 [26:07<01:07, 66.33it/s]
Training Step:  96%|        | 95537/100000 [26:07<01:07, 66.25it/s]
Training Step:  96%|        | 95544/100000 [26:07<01:08, 65.30it/s]
Training Step:  96%|        | 95551/100000 [26:07<01:08, 64.98it/s]
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Training Step:  96%|        | 95558/100000 [26:08<01:12, 61.10it/s]
Training Step:  96%|        | 95565/100000 [26:08<01:12, 60.94it/s]
Training Step:  96%|        | 95572/100000 [26:08<01:13, 60.04it/s]
Training Step:  96%|        | 95579/100000 [26:08<01:13, 59.98it/s]
Training Step:  96%|        | 95586/100000 [26:08<01:12, 60.71it/s]
Training Step:  96%|        | 95593/100000 [26:08<01:11, 61.88it/s]
Training Step:  96%|        | 95600/100000 [26:08<01:11, 61.74it/s]
Training Step:  96%|        | 95607/100000 [26:08<01:10, 62.63it/s]
Training Step:  96%|        | 95614/100000 [26:09<01:10, 62.59it/s]
Training Step:  96%|        | 95621/100000 [26:09<01:08, 64.28it/s]
Training Step:  96%|        | 95628/100000 [26:09<01:08, 63.74it/s]
Training Step:  96%|        | 95635/100000 [26:09<01:08, 63.88it/s]
Training Step:  96%|        | 95642/100000 [26:09<01:10, 61.46it/s]
Training Step:  96%|        | 95649/100000 [26:09<01:14, 58.37it/s]
Training Step:  96%|        | 95655/100000 [26:09<01:17, 55.86it/s]
Training Step:  96%|        | 95661/100000 [26:09<01:21, 53.56it/s]
Training Step:  96%|        | 95667/100000 [26:09<01:22, 52.37it/s]
Training Step:  96%|        | 95673/100000 [26:10<01:25, 50.41it/s]
Training Step:  96%|        | 95679/100000 [26:10<01:26, 50.05it/s]
Training Step:  96%|        | 95685/100000 [26:10<01:28, 48.60it/s]
Training Step:  96%|        | 95690/100000 [26:10<01:31, 47.09it/s]
Training Step:  96%|        | 95695/100000 [26:10<01:31, 47.17it/s]
Training Step:  96%|        | 95700/100000 [26:10<01:30, 47.67it/s]
Training Step:  96%|        | 95705/100000 [26:10<01:28, 48.31it/s]
Training Step:  96%|        | 95711/100000 [26:10<01:26, 49.38it/s]
Training Step:  96%|        | 95716/100000 [26:10<01:26, 49.55it/s]
Training Step:  96%|        | 95722/100000 [26:11<01:26, 49.56it/s]
Training Step:  96%|        | 95728/100000 [26:11<01:25, 49.70it/s]
Training Step:  96%|        | 95734/100000 [26:11<01:24, 50.45it/s]
Training Step:  96%|        | 95740/100000 [26:11<01:22, 51.78it/s]
Training Step:  96%|        | 95746/100000 [26:11<01:21, 51.90it/s]
Training Step:  96%|        | 95752/100000 [26:11<01:20, 52.96it/s]
Training Step:  96%|        | 95758/100000 [26:11<01:18, 53.72it/s]
Training Step:  96%|        | 95764/100000 [26:11<01:23, 50.66it/s]
Training Step:  96%|        | 95770/100000 [26:12<01:23, 50.85it/s]
Training Step:  96%|        | 95776/100000 [26:12<01:20, 52.32it/s]
Training Step:  96%|        | 95782/100000 [26:12<01:19, 53.11it/s]
Training Step:  96%|        | 95788/100000 [26:12<01:17, 54.41it/s]
Training Step:  96%|        | 95795/100000 [26:12<01:13, 57.02it/s]
Training Step:  96%|        | 95801/100000 [26:12<01:12, 57.69it/s]
Training Step:  96%|        | 95807/100000 [26:12<01:13, 57.14it/s]
Training Step:  96%|        | 95814/100000 [26:12<01:11, 58.61it/s]
Training Step:  96%|        | 95821/100000 [26:12<01:08, 60.62it/s]
Training Step:  96%|        | 95828/100000 [26:13<01:09, 60.21it/s]
Training Step:  96%|        | 95835/100000 [26:13<01:07, 61.39it/s]
Training Step:  96%|        | 95842/100000 [26:13<01:06, 62.92it/s]
Training Step:  96%|        | 95850/100000 [26:13<01:03, 64.99it/s]
Training Step:  96%|        | 95858/100000 [26:13<01:02, 66.40it/s]
```

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Training Step:  96%|        | 95866/100000 [26:13<01:00, 68.27it/s]
Training Step:  96%|        | 95874/100000 [26:13<00:58, 70.36it/s]
Training Step:  96%|        | 95882/100000 [26:13<00:57, 71.46it/s]
Training Step:  96%|        | 95890/100000 [26:13<00:55, 73.66it/s]
Training Step:  96%|        | 95899/100000 [26:13<00:53, 77.23it/s]
Training Step:  96%|        | 95908/100000 [26:14<00:51, 79.53it/s]
Training Step:  96%|        | 95917/100000 [26:14<00:50,
81.14it/s][INFO] Episode ended! Scenario Index: 1002 Reason:
arrive_dest.

Training Step:  96%|        | 95926/100000 [26:14<01:00, 67.72it/s]
Training Step:  96%|        | 95934/100000 [26:14<00:57, 70.77it/s]
Training Step:  96%|        | 95943/100000 [26:14<00:55, 73.70it/s]
Training Step:  96%|        | 95951/100000 [26:14<00:54, 74.59it/s]
Training Step:  96%|        | 95959/100000 [26:14<00:54, 74.44it/s]
Training Step:  96%|        | 95967/100000 [26:14<00:53, 75.35it/s]
Training Step:  96%|        | 95975/100000 [26:15<00:53, 75.90it/s]
Training Step:  96%|        | 95983/100000 [26:15<00:52, 76.42it/s]
Training Step:  96%|        | 95991/100000 [26:15<00:52, 76.78it/s]
Training Step:  96%|        | 95999/100000 [26:15<00:52, 75.96it/s]
Training Step:  96%|        | 96007/100000 [26:15<00:56, 70.99it/s]
Training Step:  96%|        | 96015/100000 [26:15<00:54, 72.47it/s]
Training Step:  96%|        | 96023/100000 [26:15<00:54, 72.94it/s]
Training Step:  96%|        | 96031/100000 [26:15<00:56, 70.57it/s]
Training Step:  96%|        | 96039/100000 [26:15<00:57, 68.81it/s]
Training Step:  96%|        | 96046/100000 [26:16<00:58, 67.15it/s]
Training Step:  96%|        | 96053/100000 [26:16<00:59, 66.65it/s]
Training Step:  96%|        | 96060/100000 [26:16<01:00, 65.59it/s]
Training Step:  96%|        | 96067/100000 [26:16<01:00, 65.36it/s]
Training Step:  96%|        | 96074/100000 [26:16<01:02, 62.47it/s]
Training Step:  96%|        | 96081/100000 [26:16<01:03, 62.16it/s]
Training Step:  96%|        | 96088/100000 [26:16<01:04, 60.19it/s]
Training Step:  96%|        | 96095/100000 [26:16<01:05, 59.33it/s]
Training Step:  96%|        | 96101/100000 [26:16<01:05, 59.35it/s]
Training Step:  96%|        | 96107/100000 [26:17<01:06, 58.46it/s]
Training Step:  96%|        | 96113/100000 [26:17<01:07, 57.88it/s]
Training Step:  96%|        | 96119/100000 [26:17<01:06, 58.22it/s]
Training Step:  96%|        | 96125/100000 [26:17<01:05, 58.73it/s]
Training Step:  96%|        | 96132/100000 [26:17<01:05, 58.92it/s]
Training Step:  96%|        | 96138/100000 [26:17<01:05, 59.23it/s]
Training Step:  96%|        | 96145/100000 [26:17<01:03, 60.75it/s]
Training Step:  96%|        | 96152/100000 [26:17<01:03, 60.79it/s]
Training Step:  96%|        | 96159/100000 [26:17<01:02, 61.81it/s]
Training Step:  96%|        | 96166/100000 [26:18<01:01, 62.53it/s]
Training Step:  96%|        | 96173/100000 [26:18<01:00, 63.56it/s]
Training Step:  96%|        | 96180/100000 [26:18<01:00, 62.89it/s]
Training Step:  96%|        | 96187/100000 [26:18<01:02, 61.44it/s]
Training Step:  96%|        | 96194/100000 [26:18<01:05, 58.49it/s]
```

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Training Step:   96%|          | 96201/100000 [26:18<01:03, 60.26it/s]
Training Step:   96%|          | 96208/100000 [26:18<01:04, 58.61it/s]
Training Step:   96%|          | 96214/100000 [26:18<01:05, 58.06it/s]
Training Step:   96%|          | 96220/100000 [26:18<01:06, 56.89it/s]
Training Step:   96%|          | 96226/100000 [26:19<01:06, 56.81it/s]
Training Step:   96%|          | 96232/100000 [26:19<01:06, 56.75it/s]
Training Step:   96%|          | 96238/100000 [26:19<01:06, 56.75it/s]
Training Step:   96%|          | 96245/100000 [26:19<01:03, 58.87it/s]
Training Step:   96%|          | 96252/100000 [26:19<01:02, 60.04it/s]
Training Step:   96%|          | 96259/100000 [26:19<00:59, 62.48it/s]
Training Step:   96%|          | 96266/100000 [26:19<01:00, 61.98it/s]
Training Step:   96%|          | 96273/100000 [26:19<00:59, 62.31it/s]
Training Step:   96%|          | 96280/100000 [26:19<00:58, 63.22it/s]
Training Step:   96%|          | 96288/100000 [26:20<00:57, 65.02it/s]
Training Step:   96%|          | 96296/100000 [26:20<00:55, 67.13it/s]
Training Step:   96%|          | 96304/100000 [26:20<00:53, 68.80it/s]
Training Step:   96%|          | 96312/100000 [26:20<00:51,
71.52it/s][INFO] Episode ended! Scenario Index: 1001 Reason:
arrive_dest.

Training Step:   96%|          | 96320/100000 [26:20<01:00, 60.96it/s]
Training Step:   96%|          | 96328/100000 [26:20<00:56, 64.75it/s]
Training Step:   96%|          | 96336/100000 [26:20<00:54, 66.98it/s]
Training Step:   96%|          | 96343/100000 [26:20<00:55, 66.20it/s]
Training Step:   96%|          | 96350/100000 [26:20<00:56, 64.60it/s]
Training Step:   96%|          | 96358/100000 [26:21<00:54, 66.79it/s]
Training Step:   96%|          | 96366/100000 [26:21<00:53, 67.80it/s]
Training Step:   96%|          | 96373/100000 [26:21<00:53, 67.48it/s]
Training Step:   96%|          | 96380/100000 [26:21<00:53, 67.43it/s]
Training Step:   96%|          | 96387/100000 [26:21<00:54, 66.30it/s]
Training Step:   96%|          | 96394/100000 [26:21<00:55, 64.58it/s]
Training Step:   96%|          | 96401/100000 [26:21<00:56, 63.61it/s]
Training Step:   96%|          | 96408/100000 [26:21<00:57, 62.44it/s]
Training Step:   96%|          | 96415/100000 [26:21<00:56, 63.13it/s]
Training Step:   96%|          | 96422/100000 [26:22<00:56, 63.11it/s]
Training Step:   96%|          | 96429/100000 [26:22<00:59, 60.18it/s]
Training Step:   96%|          | 96436/100000 [26:22<01:00, 58.87it/s]
Training Step:   96%|          | 96442/100000 [26:22<01:06, 53.13it/s]
Training Step:   96%|          | 96448/100000 [26:22<01:05, 54.18it/s]
Training Step:   96%|          | 96454/100000 [26:22<01:04, 54.85it/s]
Training Step:   96%|          | 96460/100000 [26:22<01:04, 55.19it/s]
Training Step:   96%|          | 96466/100000 [26:22<01:02, 56.51it/s]
Training Step:   96%|          | 96473/100000 [26:22<00:59, 59.15it/s]
Training Step:   96%|          | 96480/100000 [26:23<00:58, 59.85it/s]
Training Step:   96%|          | 96487/100000 [26:23<00:58, 60.33it/s]
Training Step:   96%|          | 96494/100000 [26:23<00:58, 60.17it/s]
Training Step:   97%|          | 96501/100000 [26:23<00:58, 59.44it/s]
Training Step:   97%|          | 96507/100000 [26:23<00:59, 59.11it/s]
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Training Step:  97%|        | 96513/100000 [26:23<01:00, 57.68it/s]
Training Step:  97%|        | 96519/100000 [26:23<01:00, 57.41it/s]
Training Step:  97%|        | 96525/100000 [26:23<01:01, 56.55it/s]
Training Step:  97%|        | 96531/100000 [26:23<01:01, 56.10it/s]
Training Step:  97%|        | 96537/100000 [26:24<01:01, 56.09it/s]
Training Step:  97%|        | 96543/100000 [26:24<01:01, 55.78it/s]
Training Step:  97%|        | 96549/100000 [26:24<01:02, 54.80it/s]
Training Step:  97%|        | 96555/100000 [26:24<01:04, 53.56it/s]
Training Step:  97%|        | 96561/100000 [26:24<01:03, 54.43it/s]
Training Step:  97%|        | 96567/100000 [26:24<01:03, 54.32it/s]
Training Step:  97%|        | 96573/100000 [26:24<01:03, 54.39it/s]
Training Step:  97%|        | 96580/100000 [26:24<01:00, 56.24it/s]
Training Step:  97%|        | 96587/100000 [26:24<00:57, 59.55it/s]
Training Step:  97%|        | 96594/100000 [26:25<00:55, 61.28it/s]
Training Step:  97%|        | 96602/100000 [26:25<00:53, 63.69it/s]
Training Step:  97%|        | 96609/100000 [26:25<00:53, 63.68it/s]
Training Step:  97%|        | 96616/100000 [26:25<00:52, 64.36it/s]
Training Step:  97%|        | 96623/100000 [26:25<00:51, 65.22it/s]
Training Step:  97%|        | 96630/100000 [26:25<00:51, 65.83it/s]
Training Step:  97%|        | 96638/100000 [26:25<00:49, 68.33it/s]
Training Step:  97%|        | 96646/100000 [26:25<00:47, 70.65it/s]
Training Step:  97%|        | 96654/100000 [26:25<00:47,
70.42it/s][INFO] Episode ended! Scenario Index: 1016 Reason:
arrive_dest.

Training Step:  97%|        | 96662/100000 [26:26<00:56, 59.57it/s]
Training Step:  97%|        | 96670/100000 [26:26<00:52, 63.22it/s]
Training Step:  97%|        | 96678/100000 [26:26<00:50, 65.83it/s]
Training Step:  97%|        | 96685/100000 [26:26<00:49, 66.76it/s]
Training Step:  97%|        | 96692/100000 [26:26<00:49, 66.73it/s]
Training Step:  97%|        | 96699/100000 [26:26<00:49, 66.90it/s]
Training Step:  97%|        | 96706/100000 [26:26<00:50, 65.55it/s]
Training Step:  97%|        | 96713/100000 [26:26<00:49, 66.61it/s]
Training Step:  97%|        | 96720/100000 [26:27<00:52, 62.58it/s]
Training Step:  97%|        | 96727/100000 [26:27<00:52, 62.89it/s]
Training Step:  97%|        | 96734/100000 [26:27<00:53, 61.46it/s]
Training Step:  97%|        | 96741/100000 [26:27<00:52, 62.26it/s]
Training Step:  97%|        | 96748/100000 [26:27<00:52, 61.51it/s]
Training Step:  97%|        | 96755/100000 [26:27<00:52, 61.32it/s]
Training Step:  97%|        | 96762/100000 [26:27<00:55, 58.58it/s]
Training Step:  97%|        | 96768/100000 [26:27<00:55, 58.34it/s]
Training Step:  97%|        | 96774/100000 [26:27<00:56, 57.08it/s]
Training Step:  97%|        | 96780/100000 [26:28<00:56, 56.95it/s]
Training Step:  97%|        | 96786/100000 [26:28<00:58, 54.98it/s]
Training Step:  97%|        | 96792/100000 [26:28<00:58, 54.68it/s]
Training Step:  97%|        | 96798/100000 [26:28<00:58, 54.50it/s]
Training Step:  97%|        | 96804/100000 [26:28<00:58, 54.51it/s]
Training Step:  97%|        | 96810/100000 [26:28<00:58, 54.52it/s]
```

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Training Step:   97%|          | 96816/100000 [26:28<00:58, 54.24it/s]
Training Step:   97%|          | 96822/100000 [26:28<00:58, 53.89it/s]
Training Step:   97%|          | 96828/100000 [26:28<00:59, 53.65it/s]
Training Step:   97%|          | 96834/100000 [26:29<00:58, 54.35it/s]
Training Step:   97%|          | 96840/100000 [26:29<00:59, 53.40it/s]
Training Step:   97%|          | 96846/100000 [26:29<00:59, 53.44it/s]
Training Step:   97%|          | 96852/100000 [26:29<01:00, 52.37it/s]
Training Step:   97%|          | 96858/100000 [26:29<00:59, 52.58it/s]
Training Step:   97%|          | 96864/100000 [26:29<01:02, 50.10it/s]
Training Step:   97%|          | 96870/100000 [26:29<01:02, 50.32it/s]
Training Step:   97%|          | 96876/100000 [26:29<01:00, 52.05it/s]
Training Step:   97%|          | 96882/100000 [26:29<01:00, 51.95it/s]
Training Step:   97%|          | 96888/100000 [26:30<00:59, 52.43it/s]
Training Step:   97%|          | 96894/100000 [26:30<00:57, 53.61it/s]
Training Step:   97%|          | 96900/100000 [26:30<00:58, 52.97it/s]
Training Step:   97%|          | 96906/100000 [26:30<00:59, 52.43it/s]
Training Step:   97%|          | 96912/100000 [26:30<00:59, 52.28it/s]
Training Step:   97%|          | 96918/100000 [26:30<00:58, 52.80it/s]
Training Step:   97%|          | 96924/100000 [26:30<01:00, 51.13it/s]
Training Step:   97%|          | 96930/100000 [26:30<01:03, 48.68it/s]
Training Step:   97%|          | 96935/100000 [26:31<01:05, 47.08it/s]
Training Step:   97%|          | 96940/100000 [26:31<01:07, 45.35it/s]
Training Step:   97%|          | 96945/100000 [26:31<01:08, 44.92it/s]
Training Step:   97%|          | 96950/100000 [26:31<01:09, 44.05it/s]
Training Step:   97%|          | 96955/100000 [26:31<01:08, 44.22it/s]
Training Step:   97%|          | 96960/100000 [26:31<01:08, 44.23it/s]
Training Step:   97%|          | 96965/100000 [26:31<01:09, 43.89it/s]
Training Step:   97%|          | 96970/100000 [26:31<01:09, 43.32it/s]
Training Step:   97%|          | 96975/100000 [26:31<01:08, 44.16it/s]
Training Step:   97%|          | 96980/100000 [26:32<01:10, 43.05it/s]
Training Step:   97%|          | 96985/100000 [26:32<01:09, 43.18it/s]
Training Step:   97%|          | 96990/100000 [26:32<01:11, 41.96it/s]
Training Step:   97%|          | 96995/100000 [26:32<01:11, 42.09it/s]
Training Step:   97%|          | 97000/100000 [26:32<01:12, 41.27it/s]
Training Step:   97%|          | 97005/100000 [26:32<01:11, 42.14it/s]
Training Step:   97%|          | 97010/100000 [26:32<01:12, 41.37it/s]
Training Step:   97%|          | 97015/100000 [26:32<01:11, 41.77it/s]
Training Step:   97%|          | 97020/100000 [26:33<01:11, 41.43it/s]
Training Step:   97%|          | 97025/100000 [26:33<01:11, 41.71it/s]
Training Step:   97%|          | 97030/100000 [26:33<01:12, 41.18it/s]
Training Step:   97%|          | 97035/100000 [26:33<01:11, 41.53it/s]
Training Step:   97%|          | 97040/100000 [26:33<01:11, 41.68it/s]
Training Step:   97%|          | 97045/100000 [26:33<01:09, 42.31it/s]
Training Step:   97%|          | 97050/100000 [26:33<01:08, 42.87it/s]
Training Step:   97%|          | 97055/100000 [26:33<01:06, 44.55it/s]
Training Step:   97%|          | 97060/100000 [26:33<01:05, 44.82it/s]
Training Step:   97%|          | 97065/100000 [26:34<01:03, 46.00it/s]
Training Step:   97%|          | 97071/100000 [26:34<01:01, 47.80it/s]
```

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Training Step:  97%|        | 97076/100000 [26:34<01:02, 46.47it/s]
Training Step:  97%|        | 97081/100000 [26:34<01:03, 46.29it/s]
Training Step:  97%|        | 97086/100000 [26:34<01:04, 45.19it/s]
Training Step:  97%|        | 97091/100000 [26:34<01:03, 45.88it/s]
Training Step:  97%|        | 97096/100000 [26:34<01:02, 46.36it/s]
Training Step:  97%|        | 97102/100000 [26:34<00:59, 48.88it/s]
Training Step:  97%|        | 97108/100000 [26:34<00:56, 50.78it/s]
Training Step:  97%|        | 97114/100000 [26:35<00:56, 50.67it/s]
Training Step:  97%|        | 97120/100000 [26:35<00:56, 50.86it/s]
Training Step:  97%|        | 97126/100000 [26:35<00:54, 52.93it/s]
Training Step:  97%|        | 97132/100000 [26:35<00:54, 52.84it/s]
Training Step:  97%|        | 97138/100000 [26:35<00:53, 53.92it/s]
Training Step:  97%|        | 97144/100000 [26:35<00:51,
55.17it/s][INFO] Episode ended! Scenario Index: 1005 Reason:
arrive_dest.

Training Step:  97%|        | 97150/100000 [26:35<01:00, 46.93it/s]
Training Step:  97%|        | 97156/100000 [26:35<00:57, 49.85it/s]
Training Step:  97%|        | 97163/100000 [26:35<00:51, 54.87it/s]
Training Step:  97%|        | 97170/100000 [26:36<00:49, 57.27it/s]
Training Step:  97%|        | 97176/100000 [26:36<00:50, 55.88it/s]
Training Step:  97%|        | 97182/100000 [26:36<00:53, 53.08it/s]
Training Step:  97%|        | 97188/100000 [26:36<00:54, 51.49it/s]
Training Step:  97%|        | 97194/100000 [26:36<00:54, 51.69it/s]
Training Step:  97%|        | 97200/100000 [26:36<00:54, 51.05it/s]
Training Step:  97%|        | 97206/100000 [26:36<00:55, 49.98it/s]
Training Step:  97%|        | 97212/100000 [26:36<00:56, 49.67it/s]
Training Step:  97%|        | 97218/100000 [26:37<00:55, 50.05it/s]
Training Step:  97%|        | 97224/100000 [26:37<00:53, 51.50it/s]
Training Step:  97%|        | 97230/100000 [26:37<00:52, 52.51it/s]
Training Step:  97%|        | 97236/100000 [26:37<00:53, 51.87it/s]
Training Step:  97%|        | 97242/100000 [26:37<00:53, 51.29it/s]
Training Step:  97%|        | 97248/100000 [26:37<00:52, 52.36it/s]
Training Step:  97%|        | 97254/100000 [26:37<00:51, 53.00it/s]
Training Step:  97%|        | 97260/100000 [26:37<00:50, 54.18it/s]
Training Step:  97%|        | 97266/100000 [26:37<00:50, 53.85it/s]
Training Step:  97%|        | 97272/100000 [26:38<00:49, 54.80it/s]
Training Step:  97%|        | 97278/100000 [26:38<00:49, 54.72it/s]
Training Step:  97%|        | 97284/100000 [26:38<00:50, 53.36it/s]
Training Step:  97%|        | 97290/100000 [26:38<00:51, 52.72it/s]
Training Step:  97%|        | 97296/100000 [26:38<00:52, 51.87it/s]
Training Step:  97%|        | 97302/100000 [26:38<00:52, 51.30it/s]
Training Step:  97%|        | 97308/100000 [26:38<00:52, 51.56it/s]
Training Step:  97%|        | 97314/100000 [26:38<00:50, 53.11it/s]
Training Step:  97%|        | 97320/100000 [26:38<00:50, 53.25it/s]
Training Step:  97%|        | 97326/100000 [26:39<00:49, 54.07it/s]
Training Step:  97%|        | 97332/100000 [26:39<00:49, 53.39it/s]
Training Step:  97%|        | 97338/100000 [26:39<00:49, 53.57it/s]
```

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Training Step:  97%|        | 97344/100000 [26:39<00:48, 54.30it/s]
Training Step:  97%|        | 97350/100000 [26:39<00:48, 54.37it/s]
Training Step:  97%|        | 97356/100000 [26:39<00:48, 54.13it/s]
Training Step:  97%|        | 97362/100000 [26:39<00:48, 53.96it/s]
Training Step:  97%|        | 97368/100000 [26:39<00:48, 53.99it/s]
Training Step:  97%|        | 97374/100000 [26:39<00:48, 54.15it/s]
Training Step:  97%|        | 97380/100000 [26:40<00:48, 53.98it/s]
Training Step:  97%|        | 97386/100000 [26:40<00:49, 52.86it/s]
Training Step:  97%|        | 97392/100000 [26:40<00:50, 51.70it/s]
Training Step:  97%|        | 97398/100000 [26:40<00:49, 52.11it/s]
Training Step:  97%|        | 97404/100000 [26:40<00:50, 51.73it/s]
Training Step:  97%|        | 97410/100000 [26:40<00:50, 51.33it/s]
Training Step:  97%|        | 97416/100000 [26:40<00:52, 49.53it/s]
Training Step:  97%|        | 97421/100000 [26:40<00:52, 49.40it/s]
Training Step:  97%|        | 97427/100000 [26:41<00:51, 50.36it/s]
Training Step:  97%|        | 97433/100000 [26:41<00:50, 50.90it/s]
Training Step:  97%|        | 97439/100000 [26:41<00:49, 51.96it/s]
Training Step:  97%|        | 97445/100000 [26:41<00:54, 47.04it/s]
Training Step:  97%|        | 97451/100000 [26:41<00:51, 49.38it/s]
Training Step:  97%|        | 97457/100000 [26:41<00:49, 50.89it/s]
Training Step:  97%|        | 97463/100000 [26:41<00:49, 51.67it/s]
Training Step:  97%|        | 97469/100000 [26:41<00:47, 52.78it/s]
Training Step:  97%|        | 97476/100000 [26:41<00:45, 55.23it/s]
Training Step:  97%|        | 97483/100000 [26:42<00:43, 57.39it/s]
Training Step:  97%|        | 97489/100000 [26:42<00:43, 57.63it/s]
Training Step:  97%|        | 97495/100000 [26:42<00:43, 57.65it/s]
Training Step:  98%|        | 97501/100000 [26:42<00:43, 57.82it/s]
Training Step:  98%|        | 97507/100000 [26:42<00:43, 57.46it/s]
Training Step:  98%|        | 97514/100000 [26:42<00:42, 58.54it/s]
Training Step:  98%|        | 97521/100000 [26:42<00:41, 59.59it/s]
Training Step:  98%|        | 97528/100000 [26:42<00:40, 60.63it/s]
Training Step:  98%|        | 97535/100000 [26:42<00:40, 61.03it/s]
Training Step:  98%|        | 97542/100000 [26:43<00:40, 60.50it/s]
Training Step:  98%|        | 97549/100000 [26:43<00:39, 61.59it/s]
Training Step:  98%|        | 97556/100000 [26:43<00:41, 59.47it/s]
Training Step:  98%|        | 97563/100000 [26:43<00:40, 60.51it/s]
Training Step:  98%|        | 97570/100000 [26:43<00:39, 60.94it/s]
Training Step:  98%|        | 97577/100000 [26:43<00:39, 60.59it/s]
Training Step:  98%|        | 97584/100000 [26:43<00:39, 61.71it/s]
Training Step:  98%|        | 97591/100000 [26:43<00:38, 63.20it/s]
Training Step:  98%|        | 97599/100000 [26:43<00:36, 66.23it/s]
Training Step:  98%|        | 97606/100000 [26:44<00:35,
66.54it/s][INFO] Episode ended! Scenario Index: 1012 Reason:
arrive_dest.

Training Step:  98%|        | 97614/100000 [26:44<00:43, 54.45it/s]
Training Step:  98%|        | 97621/100000 [26:44<00:41, 57.82it/s]
Training Step:  98%|        | 97628/100000 [26:44<00:39, 60.14it/s]
```

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Training Step:   98%|         | 97636/100000 [26:44<00:37, 62.41it/s]
Training Step:   98%|         | 97643/100000 [26:44<00:38, 60.57it/s]
Training Step:   98%|         | 97650/100000 [26:44<00:40, 58.59it/s]
Training Step:   98%|         | 97656/100000 [26:44<00:41, 56.34it/s]
Training Step:   98%|         | 97662/100000 [26:45<00:41, 56.41it/s]
Training Step:   98%|         | 97668/100000 [26:45<00:40, 57.21it/s]
Training Step:   98%|         | 97674/100000 [26:45<00:40, 57.67it/s]
Training Step:   98%|         | 97680/100000 [26:45<00:41, 56.26it/s]
Training Step:   98%|         | 97686/100000 [26:45<00:42, 55.00it/s]
Training Step:   98%|         | 97692/100000 [26:45<00:42, 54.28it/s]
Training Step:   98%|         | 97698/100000 [26:45<00:43, 53.50it/s]
Training Step:   98%|         | 97704/100000 [26:45<00:43, 53.32it/s]
Training Step:   98%|         | 97710/100000 [26:45<00:41, 54.61it/s]
Training Step:   98%|         | 97716/100000 [26:46<00:41, 55.56it/s]
Training Step:   98%|         | 97722/100000 [26:46<00:40, 56.18it/s]
Training Step:   98%|         | 97728/100000 [26:46<00:39, 56.95it/s]
Training Step:   98%|         | 97734/100000 [26:46<00:39, 57.00it/s]
Training Step:   98%|         | 97740/100000 [26:46<00:39, 57.05it/s]
Training Step:   98%|         | 97746/100000 [26:46<00:39, 57.08it/s]
Training Step:   98%|         | 97752/100000 [26:46<00:39, 56.29it/s]
Training Step:   98%|         | 97758/100000 [26:46<00:40, 55.29it/s]
Training Step:   98%|         | 97764/100000 [26:46<00:43, 51.13it/s]
Training Step:   98%|         | 97770/100000 [26:47<00:46, 48.45it/s]
Training Step:   98%|         | 97775/100000 [26:47<00:46, 47.86it/s]
Training Step:   98%|         | 97780/100000 [26:47<00:46, 47.42it/s]
Training Step:   98%|         | 97785/100000 [26:47<00:46, 47.61it/s]
Training Step:   98%|         | 97790/100000 [26:47<00:46, 47.10it/s]
Training Step:   98%|         | 97796/100000 [26:47<00:46, 47.89it/s]
Training Step:   98%|         | 97801/100000 [26:47<00:46, 47.68it/s]
Training Step:   98%|         | 97806/100000 [26:47<00:47, 46.64it/s]
Training Step:   98%|         | 97811/100000 [26:47<00:48, 44.96it/s]
Training Step:   98%|         | 97816/100000 [26:48<00:49, 43.81it/s]
Training Step:   98%|         | 97821/100000 [26:48<00:48, 44.56it/s]
Training Step:   98%|         | 97826/100000 [26:48<00:49, 44.28it/s]
Training Step:   98%|         | 97831/100000 [26:48<00:48, 44.39it/s]
Training Step:   98%|         | 97836/100000 [26:48<00:49, 44.11it/s]
Training Step:   98%|         | 97841/100000 [26:48<00:48, 44.27it/s]
Training Step:   98%|         | 97846/100000 [26:48<00:49, 43.91it/s]
Training Step:   98%|         | 97851/100000 [26:48<00:48, 44.48it/s]
Training Step:   98%|         | 97856/100000 [26:48<00:48, 44.29it/s]
Training Step:   98%|         | 97861/100000 [26:49<00:47, 44.76it/s]
Training Step:   98%|         | 97866/100000 [26:49<00:48, 44.25it/s]
Training Step:   98%|         | 97871/100000 [26:49<00:47, 44.84it/s]
Training Step:   98%|         | 97876/100000 [26:49<00:48, 43.84it/s]
Training Step:   98%|         | 97881/100000 [26:49<00:47, 44.31it/s]
Training Step:   98%|         | 97886/100000 [26:49<00:46, 45.25it/s]
Training Step:   98%|         | 97891/100000 [26:49<00:46, 45.69it/s]
Training Step:   98%|         | 97896/100000 [26:49<00:46, 45.62it/s]
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Training Step:  98%|      | 97901/100000 [26:49<00:45, 46.45it/s]
Training Step:  98%|      | 97906/100000 [26:50<00:46, 45.03it/s]
Training Step:  98%|      | 97911/100000 [26:50<00:47, 44.43it/s]
Training Step:  98%|      | 97916/100000 [26:50<00:48, 42.59it/s]
Training Step:  98%|      | 97921/100000 [26:50<00:47, 43.74it/s]
Training Step:  98%|      | 97926/100000 [26:50<00:47, 43.43it/s]
Training Step:  98%|      | 97931/100000 [26:50<00:47, 44.02it/s]
Training Step:  98%|      | 97936/100000 [26:50<00:48, 42.95it/s]
Training Step:  98%|      | 97941/100000 [26:50<00:47, 43.11it/s]
Training Step:  98%|      | 97946/100000 [26:51<00:47, 43.56it/s]
Training Step:  98%|      | 97951/100000 [26:51<00:45, 45.31it/s]
Training Step:  98%|      | 97956/100000 [26:51<00:44, 45.85it/s]
Training Step:  98%|      | 97961/100000 [26:51<00:43, 46.63it/s]
Training Step:  98%|      | 97966/100000 [26:51<00:44, 45.51it/s]
Training Step:  98%|      | 97971/100000 [26:51<00:44, 46.00it/s]
Training Step:  98%|      | 97976/100000 [26:51<00:44, 45.58it/s]
Training Step:  98%|      | 97981/100000 [26:51<00:44, 45.79it/s]
Training Step:  98%|      | 97986/100000 [26:51<00:43, 45.82it/s]
Training Step:  98%|      | 97991/100000 [26:51<00:43, 45.96it/s]
Training Step:  98%|      | 97996/100000 [26:52<00:43, 46.32it/s]
Training Step:  98%|      | 98001/100000 [26:52<00:44, 44.58it/s]
Training Step:  98%|      | 98006/100000 [26:52<00:44, 44.60it/s]
Training Step:  98%|      | 98011/100000 [26:52<00:43, 46.09it/s]
Training Step:  98%|      | 98016/100000 [26:52<00:44, 44.57it/s]
Training Step:  98%|      | 98021/100000 [26:52<00:43, 45.87it/s]
Training Step:  98%|      | 98026/100000 [26:52<00:43, 45.53it/s]
Training Step:  98%|      | 98032/100000 [26:52<00:41, 46.96it/s]
Training Step:  98%|      | 98037/100000 [26:52<00:42, 46.64it/s]
Training Step:  98%|      | 98042/100000 [26:53<00:41, 46.92it/s]
Training Step:  98%|      | 98047/100000 [26:53<00:42, 46.23it/s]
Training Step:  98%|      | 98052/100000 [26:53<00:43, 44.43it/s]
Training Step:  98%|      | 98057/100000 [26:53<00:42, 45.21it/s]
Training Step:  98%|      | 98062/100000 [26:53<00:43, 44.09it/s]
Training Step:  98%|      | 98067/100000 [26:53<00:42, 45.46it/s]
Training Step:  98%|      | 98072/100000 [26:53<00:42, 45.58it/s]
Training Step:  98%|      | 98077/100000 [26:53<00:42, 45.54it/s]
Training Step:  98%|      | 98082/100000 [26:53<00:41, 45.89it/s]
Training Step:  98%|      | 98087/100000 [26:54<00:41, 46.52it/s]
Training Step:  98%|      | 98092/100000 [26:54<00:40, 46.59it/s]
Training Step:  98%|      | 98098/100000 [26:54<00:39, 47.82it/s]
Training Step:  98%|      | 98104/100000 [26:54<00:38, 49.42it/s]
Training Step:  98%|      | 98110/100000 [26:54<00:36, 51.22it/s]
Training Step:  98%|      | 98116/100000 [26:54<00:36, 51.79it/s]
Training Step:  98%|      | 98122/100000 [26:54<00:36, 51.21it/s]
Training Step:  98%|      | 98128/100000 [26:54<00:36, 51.97it/s]
Training Step:  98%|      | 98134/100000 [26:54<00:35, 52.23it/s]
Training Step:  98%|      | 98140/100000 [26:55<00:34, 53.19it/s]
Training Step:  98%|      | 98146/100000 [26:55<00:34, 54.03it/s]
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434

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Training Step:  98%|        | 98152/100000 [26:55<00:33, 54.48it/s]
Training Step:  98%|        | 98158/100000 [26:55<00:35, 51.28it/s]
Training Step:  98%|        | 98164/100000 [26:55<00:34, 53.33it/s]
Training Step:  98%|        | 98170/100000 [26:55<00:33, 54.42it/s]
Training Step:  98%|        | 98176/100000 [26:55<00:33, 54.76it/s]
Training Step:  98%|        | 98182/100000 [26:55<00:32, 55.76it/s]
Training Step:  98%|        | 98189/100000 [26:55<00:31, 58.32it/s]
Training Step:  98%|        | 98195/100000 [26:56<00:31, 58.14it/s]
Training Step:  98%|        | 98201/100000 [26:56<00:32, 55.64it/s]
Training Step:  98%|        | 98207/100000 [26:56<00:32, 55.32it/s]
Training Step:  98%|        | 98213/100000 [26:56<00:33, 54.05it/s]
Training Step:  98%|        | 98219/100000 [26:56<00:32, 54.20it/s]
Training Step:  98%|        | 98225/100000 [26:56<00:32, 54.60it/s]
Training Step:  98%|        | 98231/100000 [26:56<00:32, 54.43it/s]
Training Step:  98%|        | 98237/100000 [26:56<00:32, 53.45it/s]
Training Step:  98%|        | 98243/100000 [26:56<00:33, 52.60it/s]
Training Step:  98%|        | 98250/100000 [26:57<00:32, 54.09it/s]
Training Step:  98%|        | 98256/100000 [26:57<00:31, 54.94it/s]
Training Step:  98%|        | 98262/100000 [26:57<00:31, 55.41it/s]
Training Step:  98%|        | 98268/100000 [26:57<00:31, 55.61it/s]
Training Step:  98%|        | 98275/100000 [26:57<00:29, 59.15it/s]
Training Step:  98%|        | 98282/100000 [26:57<00:28, 60.85it/s]
Training Step:  98%|        | 98289/100000 [26:57<00:27, 62.92it/s]
Training Step:  98%|        | 98296/100000 [26:57<00:27, 62.96it/s]
Training Step:  98%|        | 98303/100000 [26:57<00:26, 62.99it/s]
Training Step:  98%|        | 98310/100000 [26:58<00:27, 61.83it/s]
Training Step:  98%|        | 98317/100000 [26:58<00:27, 60.89it/s]
Training Step:  98%|        | 98324/100000 [26:58<00:27, 59.93it/s]
Training Step:  98%|        | 98331/100000 [26:58<00:28, 59.60it/s]
Training Step:  98%|        | 98338/100000 [26:58<00:27, 61.24it/s]
Training Step:  98%|        | 98346/100000 [26:58<00:26, 63.25it/s]
Training Step:  98%|        | 98353/100000 [26:58<00:25, 64.91it/s]
Training Step:  98%|        | 98360/100000 [26:58<00:25, 65.60it/s]
Training Step:  98%|        | 98368/100000 [26:58<00:23, 68.50it/s]
Training Step:  98%|        | 98376/100000 [26:59<00:22, 71.57it/s]
Training Step:  98%|        | 98384/100000 [26:59<00:22, 73.24it/s]
Training Step:  98%|        | 98392/100000 [26:59<00:21, 74.98it/s]
Training Step:  98%|        | 98400/100000 [26:59<00:21,
75.83it/s][INFO] Episode ended! Scenario Index: 1003 Reason:
arrive_dest.

Training Step:  98%|        | 98408/100000 [26:59<00:25, 62.14it/s]
Training Step:  98%|        | 98416/100000 [26:59<00:24, 65.16it/s]
Training Step:  98%|        | 98424/100000 [26:59<00:23, 67.79it/s]
Training Step:  98%|        | 98432/100000 [26:59<00:22, 69.21it/s]
Training Step:  98%|        | 98440/100000 [27:00<00:22, 70.42it/s]
Training Step:  98%|        | 98448/100000 [27:00<00:22, 68.18it/s]
Training Step:  98%|        | 98455/100000 [27:00<00:22, 67.76it/s]
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435

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Training Step:  98%|        | 98462/100000 [27:00<00:23, 64.48it/s]
Training Step:  98%|        | 98469/100000 [27:00<00:23, 65.44it/s]
Training Step:  98%|        | 98476/100000 [27:00<00:23, 64.05it/s]
Training Step:  98%|        | 98483/100000 [27:00<00:24, 62.59it/s]
Training Step:  98%|        | 98490/100000 [27:00<00:24, 61.27it/s]
Training Step:  98%|        | 98497/100000 [27:00<00:24, 61.15it/s]
Training Step:  99%|        | 98504/100000 [27:01<00:25, 57.62it/s]
Training Step:  99%|        | 98511/100000 [27:01<00:25, 59.00it/s]
Training Step:  99%|        | 98518/100000 [27:01<00:25, 59.24it/s]
Training Step:  99%|        | 98524/100000 [27:01<00:24, 59.26it/s]
Training Step:  99%|        | 98531/100000 [27:01<00:23, 61.56it/s]
Training Step:  99%|        | 98538/100000 [27:01<00:23, 61.26it/s]
Training Step:  99%|        | 98545/100000 [27:01<00:23, 61.47it/s]
Training Step:  99%|        | 98552/100000 [27:01<00:22, 63.30it/s]
Training Step:  99%|        | 98560/100000 [27:01<00:21, 65.78it/s]
Training Step:  99%|        | 98567/100000 [27:02<00:21, 66.59it/s]
Training Step:  99%|        | 98574/100000 [27:02<00:21, 65.15it/s]
Training Step:  99%|        | 98581/100000 [27:02<00:22, 62.30it/s]
Training Step:  99%|        | 98588/100000 [27:02<00:23, 59.22it/s]
Training Step:  99%|        | 98594/100000 [27:02<00:23, 59.12it/s]
Training Step:  99%|        | 98600/100000 [27:02<00:23, 59.20it/s]
Training Step:  99%|        | 98606/100000 [27:02<00:23, 59.09it/s]
Training Step:  99%|        | 98612/100000 [27:02<00:23, 58.03it/s]
Training Step:  99%|        | 98618/100000 [27:02<00:24, 56.97it/s]
Training Step:  99%|        | 98624/100000 [27:03<00:25, 54.29it/s]
Training Step:  99%|        | 98630/100000 [27:03<00:25, 53.51it/s]
Training Step:  99%|        | 98636/100000 [27:03<00:25, 54.10it/s]
Training Step:  99%|        | 98642/100000 [27:03<00:25, 53.23it/s]
Training Step:  99%|        | 98648/100000 [27:03<00:25, 52.22it/s]
Training Step:  99%|        | 98654/100000 [27:03<00:26, 51.25it/s]
Training Step:  99%|        | 98660/100000 [27:03<00:26, 51.50it/s]
Training Step:  99%|        | 98666/100000 [27:03<00:25, 51.84it/s]
Training Step:  99%|        | 98672/100000 [27:03<00:25, 51.14it/s]
Training Step:  99%|        | 98678/100000 [27:04<00:26, 49.66it/s]
Training Step:  99%|        | 98684/100000 [27:04<00:25, 50.64it/s]
Training Step:  99%|        | 98690/100000 [27:04<00:27, 47.57it/s]
Training Step:  99%|        | 98696/100000 [27:04<00:26, 48.86it/s]
Training Step:  99%|        | 98702/100000 [27:04<00:26, 49.56it/s]
Training Step:  99%|        | 98708/100000 [27:04<00:25, 50.07it/s]
Training Step:  99%|        | 98714/100000 [27:04<00:25, 49.80it/s]
Training Step:  99%|        | 98719/100000 [27:04<00:25, 49.85it/s]
Training Step:  99%|        | 98724/100000 [27:05<00:26, 48.70it/s]
Training Step:  99%|        | 98729/100000 [27:05<00:26, 48.79it/s]
Training Step:  99%|        | 98734/100000 [27:05<00:25, 48.99it/s]
Training Step:  99%|        | 98740/100000 [27:05<00:25, 49.72it/s]
Training Step:  99%|        | 98746/100000 [27:05<00:25, 49.94it/s]
Training Step:  99%|        | 98752/100000 [27:05<00:24, 50.22it/s]
Training Step:  99%|        | 98758/100000 [27:05<00:24, 50.81it/s]
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Training Step:  99%|        | 98764/100000 [27:05<00:24, 51.35it/s]
Training Step:  99%|        | 98770/100000 [27:05<00:23, 52.76it/s]
Training Step:  99%|        | 98776/100000 [27:06<00:23, 52.09it/s]
Training Step:  99%|        | 98782/100000 [27:06<00:22, 53.66it/s]
Training Step:  99%|        | 98788/100000 [27:06<00:22, 54.97it/s]
Training Step:  99%|        | 98794/100000 [27:06<00:21, 55.92it/s]
Training Step:  99%|        | 98801/100000 [27:06<00:20, 58.77it/s]
Training Step:  99%|        | 98807/100000 [27:06<00:20, 58.95it/s]
Training Step:  99%|        | 98813/100000 [27:06<00:20, 58.75it/s]
Training Step:  99%|        | 98820/100000 [27:06<00:19, 60.27it/s]
Training Step:  99%|        | 98827/100000 [27:06<00:18, 62.35it/s]
Training Step:  99%|        | 98834/100000 [27:07<00:18, 61.54it/s]
Training Step:  99%|        | 98841/100000 [27:07<00:18, 62.00it/s]
Training Step:  99%|        | 98848/100000 [27:07<00:18, 62.49it/s]
Training Step:  99%|        | 98855/100000 [27:07<00:17, 64.06it/s]
Training Step:  99%|        | 98862/100000 [27:07<00:17, 63.23it/s]
Training Step:  99%|        | 98870/100000 [27:07<00:17, 65.20it/s]
Training Step:  99%|        | 98878/100000 [27:07<00:16, 67.44it/s]
Training Step:  99%|        | 98885/100000 [27:07<00:16, 67.77it/s]
Training Step:  99%|        | 98892/100000 [27:07<00:16, 68.02it/s]
Training Step:  99%|        | 98900/100000 [27:08<00:15,
68.89it/s][INFO] Episode ended! Scenario Index: 1013 Reason:
arrive_dest.

Training Step:  99%|        | 98907/100000 [27:08<00:18, 59.65it/s]
Training Step:  99%|        | 98915/100000 [27:08<00:16, 64.32it/s]
Training Step:  99%|        | 98922/100000 [27:08<00:16, 64.97it/s]
Training Step:  99%|        | 98929/100000 [27:08<00:16, 65.81it/s]
Training Step:  99%|        | 98936/100000 [27:08<00:16, 64.63it/s]
Training Step:  99%|        | 98943/100000 [27:08<00:16, 65.58it/s]
Training Step:  99%|        | 98950/100000 [27:08<00:16, 63.42it/s]
Training Step:  99%|        | 98957/100000 [27:08<00:16, 64.88it/s]
Training Step:  99%|        | 98964/100000 [27:09<00:16, 64.68it/s]
Training Step:  99%|        | 98971/100000 [27:09<00:16, 64.02it/s]
Training Step:  99%|        | 98978/100000 [27:09<00:15, 64.43it/s]
Training Step:  99%|        | 98985/100000 [27:09<00:15, 63.67it/s]
Training Step:  99%|        | 98992/100000 [27:09<00:16, 62.97it/s]
Training Step:  99%|        | 98999/100000 [27:09<00:15, 64.21it/s]
Training Step:  99%|        | 99006/100000 [27:09<00:16, 61.83it/s]
Training Step:  99%|        | 99013/100000 [27:09<00:15, 62.20it/s]
Training Step:  99%|        | 99020/100000 [27:09<00:15, 61.79it/s]
Training Step:  99%|        | 99027/100000 [27:10<00:16, 60.24it/s]
Training Step:  99%|        | 99034/100000 [27:10<00:17, 55.67it/s]
Training Step:  99%|        | 99040/100000 [27:10<00:18, 52.69it/s]
Training Step:  99%|        | 99046/100000 [27:10<00:17, 53.43it/s]
Training Step:  99%|        | 99052/100000 [27:10<00:17, 54.02it/s]
Training Step:  99%|        | 99058/100000 [27:10<00:17, 54.88it/s]
Training Step:  99%|        | 99064/100000 [27:10<00:17, 54.35it/s]
```

```
Training Step:  99%|        | 99070/100000 [27:10<00:17, 54.55it/s]
Training Step:  99%|        | 99076/100000 [27:10<00:16, 55.14it/s]
Training Step:  99%|        | 99082/100000 [27:11<00:17, 52.95it/s]
Training Step:  99%|        | 99088/100000 [27:11<00:16, 54.28it/s]
Training Step:  99%|        | 99095/100000 [27:11<00:16, 56.00it/s]
Training Step:  99%|        | 99101/100000 [27:11<00:16, 55.87it/s]
Training Step:  99%|        | 99107/100000 [27:11<00:15, 55.93it/s]
Training Step:  99%|        | 99113/100000 [27:11<00:16, 54.19it/s]
Training Step:  99%|        | 99119/100000 [27:11<00:16, 54.00it/s]


Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']

 ===== TD3 Training Step 1999 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 8.018591272652802
  frame_per_second: 280
  log_dir: MetaDrive-Tut-Hard-v0
  success_rate: 0.0
  target_q: .nan
  total_episodes: 2
  total_steps: 1999
  total_time: 7.121610164642334

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 2999 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 8.125269971453509
  frame_per_second: 301
  log_dir: MetaDrive-Tut-Hard-v0
  success_rate: 0.0
  target_q: .nan
  total_episodes: 3
  total_steps: 2999
  total_time: 9.952973127365112


 ===== TD3 Training Step 3885 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 7.154890265726485
```

```
frame_per_second: 304
log_dir: MetaDrive-Tut-Hard-v0
success_rate: 0.0
target_q: .nan
total_episodes: 4
total_steps: 3885
total_time: 12.753015041351318
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 4885 =====:
actor_loss: .nan
critic_loss: .nan
episode_reward: 8.15643019852702
frame_per_second: 309
log_dir: MetaDrive-Tut-Hard-v0
success_rate: 0.0
target_q: .nan
total_episodes: 5
total_steps: 4885
total_time: 15.782542943954468
```

```
===== TD3 Training Step 5582 =====:
actor_loss: .nan
critic_loss: .nan
episode_reward: 6.651596381142124
frame_per_second: 313
log_dir: MetaDrive-Tut-Hard-v0
success_rate: 0.0
target_q: .nan
total_episodes: 6
total_steps: 5582
total_time: 17.78105592727661
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 6582 =====:
actor_loss: .nan
critic_loss: .nan
episode_reward: 6.863724840065722
frame_per_second: 312
log_dir: MetaDrive-Tut-Hard-v0
success_rate: 0.0
target_q: .nan
total_episodes: 7
```

```
    total_steps: 6582
    total_time: 21.04958486557007



 ===== TD3 Training Step 7582 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 6.986698462744094
  frame_per_second: 304
  log_dir: MetaDrive-Tut-Hard-v0
  success_rate: 0.0
  target_q: .nan
  total_episodes: 8
  total_steps: 7582
  total_time: 24.894081354141235

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 8582 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 7.062087885463126
  frame_per_second: 306
  log_dir: MetaDrive-Tut-Hard-v0
  success_rate: 0.0
  target_q: .nan
  total_episodes: 9
  total_steps: 8582
  total_time: 27.981770753860474



 ===== TD3 Training Step 9582 =====:
  actor_loss: .nan
  critic_loss: .nan
  episode_reward: 7.3246057478332265
  frame_per_second: 306
  log_dir: MetaDrive-Tut-Hard-v0
  success_rate: 0.0
  target_q: .nan
  total_episodes: 10
  total_steps: 9582
  total_time: 31.238802194595337

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 10040 =====:
```

```
actor_loss: .nan
critic_loss: 0.0007402301416732371
current_q1: 0.009778104722499847
current_q2: -3.0775008781347424e-05
episode_reward: 6.887656246031477
frame_per_second: 299
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.008757011033594608
success_rate: 0.0
target_q: 0.009607535786926746
total_episodes: 11
total_steps: 10040
total_time: 33.5468213558197


 ===== TD3 Training Step 11009 =====:
 actor_loss: -0.034582965075969696
 critic_loss: 0.007982460781931877
 current_q1: 0.03252961114048958
 current_q2: 0.029109595343470573
 episode_reward: -0.8063192604344053
 frame_per_second: 202
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.019472304731607437
 success_rate: 0.0
 target_q: 0.059210628271102905
 total_episodes: 59
 total_steps: 11009
 total_time: 54.40884852409363

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 12075 =====:
 actor_loss: -0.04097288101911545
 critic_loss: 0.19524428248405457
 current_q1: 0.020793801173567772
 current_q2: 0.0271749310195446
 episode_reward: -1.0496444328497783
 frame_per_second: 169
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.001968955621123314
 success_rate: 0.0
 target_q: 0.034693747758865356
 total_episodes: 67
 total_steps: 12075
 total_time: 71.1876130104065
```

```
===== TD3 Training Step 13145 =====:
 actor_loss: 0.020699910819530487
 critic_loss: 0.2819039821624756
 current_q1: -0.035128600895404816
 current_q2: -0.005129088647663593
 episode_reward: -1.381545770894193
 frame_per_second: 149
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.01943039521574974
 success_rate: 0.0
 target_q: 0.015101137571036816
 total_episodes: 77
 total_steps: 13145
 total_time: 88.12323045730591

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 14132 =====:
 actor_loss: .nan
 critic_loss: 0.3823007345199585
 current_q1: 0.1096072643995285
 current_q2: 0.08792819082736969
 episode_reward: -1.6569208719928945
 frame_per_second: 135
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.01869269832968712
 success_rate: 0.0
 target_q: 0.06822387874126434
 total_episodes: 88
 total_steps: 14132
 total_time: 104.42018437385559


===== TD3 Training Step 15053 =====:
 actor_loss: -0.12713131308555603
 critic_loss: 0.5930222272872925
 current_q1: 0.10270799696445465
 current_q2: 0.08310940861701965
 episode_reward: -1.3534621780986225
 frame_per_second: 126
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.06055734306573868
 success_rate: 0.0
 target_q: 0.017902657389640808
 total_episodes: 94
 total_steps: 15053
```

```
    total_time: 119.44776558876038

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 16234 =====:
 actor_loss: .nan
 critic_loss: 0.714195966720581
 current_q1: 0.09207169711589813
 current_q2: 0.11196524649858475
 episode_reward: -0.9972575597752802
 frame_per_second: 117
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.0522364005446434
 success_rate: 0.0
 target_q: 0.07457731664180756
 total_episodes: 102
 total_steps: 16234
 total_time: 138.59134674072266


 ===== TD3 Training Step 17008 =====:
 actor_loss: .nan
 critic_loss: 0.017554372549057007
 current_q1: 0.2031317502260208
 current_q2: 0.2256988286972046
 episode_reward: -1.2334105229257082
 frame_per_second: 112
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.02406943589448929
 success_rate: 0.0
 target_q: 0.23016388714313507
 total_episodes: 106
 total_steps: 17008
 total_time: 150.55475974082947

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 18023 =====:
 actor_loss: -0.249068021774292
 critic_loss: 0.2701227068901062
 current_q1: 0.22008900344371796
 current_q2: 0.21038475632667542
 episode_reward: -1.2061264327516672
 frame_per_second: 108
 log_dir: MetaDrive-Tut-Hard-v0
 reward: -0.019494595006108284
```

```
  success_rate: 0.0
  target_q: 0.2243020236492157
  total_episodes: 108
  total_steps: 18023
  total_time: 166.07503366470337


 ===== TD3 Training Step 19505 =====:
  actor_loss: -0.3870089650154114
  critic_loss: 0.15606996417045593
  current_q1: 0.3301246166229248
  current_q2: 0.34024927020072937
  episode_reward: -1.188746756701786
  frame_per_second: 101
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.005801163613796234
  success_rate: 0.0
  target_q: 0.33867523074150085
  total_episodes: 112
  total_steps: 19505
  total_time: 191.89952278137207

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 20262 =====:
  actor_loss: .nan
  critic_loss: 0.23478347063064575
  current_q1: 0.4253299832344055
  current_q2: 0.43024200201034546
  episode_reward: -0.14219949087742947
  frame_per_second: 99
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.009098781272768974
  success_rate: 0.0
  target_q: 0.40135687589645386
  total_episodes: 113
  total_steps: 20262
  total_time: 203.60914254188538


 ===== TD3 Training Step 21067 =====:
  actor_loss: -0.6249439716339111
  critic_loss: 0.12964634597301483
  current_q1: 0.5625702142715454
  current_q2: 0.5553330779075623
  episode_reward: 4.975937612810056
  frame_per_second: 96
```

```
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.022628825157880783
success_rate: 0.0
target_q: 0.5523651838302612
total_episodes: 120
total_steps: 21067
total_time: 218.62618613243103
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 22038 =====:
actor_loss: .nan
critic_loss: 0.04267924651503563
current_q1: 0.8536560535430908
current_q2: 0.8448131084442139
episode_reward: 11.905342363603143
frame_per_second: 93
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.09190906584262848
success_rate: 0.0
target_q: 0.8391997814178467
total_episodes: 129
total_steps: 22038
total_time: 236.74152731895447


===== TD3 Training Step 23083 =====:
actor_loss: -1.4510539770126343
critic_loss: 0.2807886600494385
current_q1: 1.2570388317108154
current_q2: 1.2694718837738037
episode_reward: 19.482267260590792
frame_per_second: 90
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.05820798873901367
success_rate: 0.0
target_q: 1.271310806274414
total_episodes: 134
total_steps: 23083
total_time: 255.83846187591553
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 24107 =====:
actor_loss: -2.3057408332824707
critic_loss: 0.4500018060207367
```

```
current_q1: 1.9352426528930664
current_q2: 1.9174833297729492
episode_reward: 27.687845700916842
frame_per_second: 87
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.1083611473441124
success_rate: 0.0
target_q: 1.9513356685638428
total_episodes: 139
total_steps: 24107
total_time: 276.9412398338318


===== TD3 Training Step 25170 =====:
actor_loss: .nan
critic_loss: 1.1593633890151978
current_q1: 2.6543972492218018
current_q2: 2.7447519302368164
episode_reward: 36.0990641477189
frame_per_second: 84
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.12387464940547943
success_rate: 0.0
target_q: 2.619955062866211
total_episodes: 147
total_steps: 25170
total_time: 297.8973422050476

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 26371 =====:
actor_loss: -3.9506874084472656
critic_loss: 0.09676216542720795
current_q1: 3.7336585521698
current_q2: 3.701082229614258
episode_reward: 45.49404254585218
frame_per_second: 82
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.19050998985767365
success_rate: 0.0
target_q: 3.654878616333008
total_episodes: 157
total_steps: 26371
total_time: 320.1389594078064


===== TD3 Training Step 27069 =====:
```

```
actor_loss: -4.533514022827148
critic_loss: 1.93355393409729
current_q1: 4.377626419067383
current_q2: 4.393542766571045
episode_reward: 51.49256189067832
frame_per_second: 81
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.16946178674697876
success_rate: 0.0
target_q: 4.211267471313477
total_episodes: 162
total_steps: 27069
total_time: 332.2249057292938
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at <MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 28125 =====:
actor_loss: -5.748549938201904
critic_loss: 0.9063429832458496
current_q1: 5.6437153816223145
current_q2: 5.597034454345703
episode_reward: 61.63046981920113
frame_per_second: 79
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.2319105863571167
success_rate: 0.0
target_q: 5.529651641845703
total_episodes: 172
total_steps: 28125
total_time: 352.2053906917572


===== TD3 Training Step 29129 =====:
actor_loss: -6.418254375457764
critic_loss: 1.092698097229004
current_q1: 5.9043378829956055
current_q2: 5.8170905113220215
episode_reward: 69.65413580430227
frame_per_second: 78
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.21862202882766724
success_rate: 0.0
target_q: 6.035364151000977
total_episodes: 179
total_steps: 29129
total_time: 370.52931356430054
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 30041 =====:
  actor_loss: -7.209561347961426
  critic_loss: 4.111422538757324
  current_q1: 6.949052333831787
  current_q2: 7.038043975830078
  episode_reward: 77.70825054160584
  frame_per_second: 77
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.2253577709197998
  success_rate: 0.0
  target_q: 6.971755504608154
  total_episodes: 189
  total_steps: 30041
  total_time: 385.4774408340454
```


```
 ===== TD3 Training Step 31001 =====:
  actor_loss: -9.660694122314453
  critic_loss: 2.1130847930908203
  current_q1: 9.184183120727539
  current_q2: 9.109697341918945
  episode_reward: 85.54073809836542
  frame_per_second: 77
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.3656458258628845
  success_rate: 0.0
  target_q: 9.227762222290039
  total_episodes: 199
  total_steps: 31001
  total_time: 400.88481068611145
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 32006 =====:
  actor_loss: .nan
  critic_loss: 5.258646011352539
  current_q1: 9.569501876831055
  current_q2: 9.515640258789062
  episode_reward: 93.97216422769903
  frame_per_second: 76
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.30303239822387695
  success_rate: 0.0
  target_q: 9.537510871887207
```

```
  total_episodes: 207
  total_steps: 32006
  total_time: 417.6931223869324


 ===== TD3 Training Step 33038 =====:
 actor_loss: .nan
 critic_loss: 6.6804070472717285
 current_q1: 9.623023986816406
 current_q2: 9.594562530517578
 episode_reward: 97.63195880742158
 frame_per_second: 76
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.2594536542892456
 success_rate: 0.0
 target_q: 9.744376182556152
 total_episodes: 219
 total_steps: 33038
 total_time: 433.9516336917877

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 34065 =====:
 actor_loss: -11.264394760131836
 critic_loss: 4.151665687561035
 current_q1: 10.807294845581055
 current_q2: 10.863875389099121
 episode_reward: 92.5475567497852
 frame_per_second: 75
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.28624314069747925
 success_rate: 0.0
 target_q: 11.07791519165039
 total_episodes: 232
 total_steps: 34065
 total_time: 450.5926468372345


 ===== TD3 Training Step 35068 =====:
 actor_loss: .nan
 critic_loss: 18.212020874023438
 current_q1: 13.345407485961914
 current_q2: 13.312185287475586
 episode_reward: 82.59341172934609
 frame_per_second: 75
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.26369795203208923
```

```
  success_rate: 0.0
  target_q: 13.279138565063477
  total_episodes: 246
  total_steps: 35068
  total_time: 466.91118359565735


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 36110 =====:
  actor_loss: .nan
  critic_loss: 2.9813175201416016
  current_q1: 13.796716690063477
  current_q2: 13.746194839477539
  episode_reward: 78.35086203011534
  frame_per_second: 74
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.34811243414878845
  success_rate: 0.0
  target_q: 13.570189476013184
  total_episodes: 258
  total_steps: 36110
  total_time: 483.36745142936707


 ===== TD3 Training Step 37049 =====:
  actor_loss: -15.159172058105469
  critic_loss: 0.9171450734138489
  current_q1: 14.59881591796875
  current_q2: 14.495084762573242
  episode_reward: 70.92527801771175
  frame_per_second: 74
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.37969714403152466
  success_rate: 0.0
  target_q: 14.819060325622559
  total_episodes: 272
  total_steps: 37049
  total_time: 498.1603584289551


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 38020 =====:
  actor_loss: .nan
  critic_loss: 16.429046630859375
  current_q1: 16.31148910522461
  current_q2: 16.158367156982422
```

```
episode_reward: 67.94375223663313
frame_per_second: 73
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.3421004116535187
success_rate: 0.0
target_q: 16.079513549804688
total_episodes: 284
total_steps: 38020
total_time: 513.8281228542328


===== TD3 Training Step 39054 =====:
actor_loss: .nan
critic_loss: 3.6772608757019043
current_q1: 17.189224243164062
current_q2: 17.146921157836914
episode_reward: 63.935416990792234
frame_per_second: 73
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.4116540253162384
success_rate: 0.0
target_q: 17.19619369506836
total_episodes: 298
total_steps: 39054
total_time: 529.8843479156494

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 40046 =====:
actor_loss: .nan
critic_loss: 2.9022536277770996
current_q1: 17.982017517089844
current_q2: 17.96036720275879
episode_reward: 56.285218530848276
frame_per_second: 73
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.4143758714199066
success_rate: 0.0
target_q: 18.17617416381836
total_episodes: 313
total_steps: 40046
total_time: 545.6157751083374


===== TD3 Training Step 41037 =====:
actor_loss: -19.091033935546875
critic_loss: 4.851839065551758
```

```
current_q1: 19.213607788085938
current_q2: 19.38378143310547
episode_reward: 55.34934296312082
frame_per_second: 73
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.37864673137664795
success_rate: 0.0
target_q: 18.752864837646484
total_episodes: 327
total_steps: 41037
total_time: 561.7745761871338
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 42096 =====:
actor_loss: .nan
critic_loss: 3.93875789642334
current_q1: 19.202699661254883
current_q2: 19.119361877441406
episode_reward: 58.395492174927675
frame_per_second: 72
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.3726353645324707
success_rate: 0.0
target_q: 18.958251953125
total_episodes: 337
total_steps: 42096
total_time: 578.9599764347076
```

```
===== TD3 Training Step 43024 =====:
actor_loss: .nan
critic_loss: 6.892699241638184
current_q1: 21.112974166870117
current_q2: 21.154315948486328
episode_reward: 63.20243449993772
frame_per_second: 72
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.3907388746738434
success_rate: 0.0
target_q: 21.02783966064453
total_episodes: 344
total_steps: 43024
total_time: 595.3796093463898
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 44072 =====:
 actor_loss: .nan
 critic_loss: 2.4045190811157227
 current_q1: 21.638622283935547
 current_q2: 22.01888656616211
 episode_reward: 66.1585588089001
 frame_per_second: 71
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.3853588104248047
 success_rate: 0.0
 target_q: 21.663375854492188
 total_episodes: 352
 total_steps: 44072
 total_time: 612.2142169475555


 ===== TD3 Training Step 45278 =====:
 actor_loss: .nan
 critic_loss: 10.30881404876709
 current_q1: 23.703292846679688
 current_q2: 23.553442001342773
 episode_reward: 73.13552248633852
 frame_per_second: 71
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.40521538257598877
 success_rate: 0.02
 target_q: 23.185176849365234
 total_episodes: 356
 total_steps: 45278
 total_time: 631.4088718891144

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 46160 =====:
 actor_loss: .nan
 critic_loss: 5.821040630340576
 current_q1: 22.99393081665039
 current_q2: 22.92580795288086
 episode_reward: 78.64634965513645
 frame_per_second: 71
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.43697667121887207
 success_rate: 0.03
 target_q: 23.321044921875
 total_episodes: 359
 total_steps: 46160
```

```
   total_time: 646.7660365104675


===== TD3 Training Step 47292 =====:
 actor_loss: .nan
 critic_loss: 3.073310613632202
 current_q1: 23.11327362060547
 current_q2: 23.03066635131836
 episode_reward: 85.93278422901689
 frame_per_second: 70
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.4263698160648346
 success_rate: 0.04
 target_q: 23.197284698486328
 total_episodes: 361
 total_steps: 47292
 total_time: 669.3205218315125

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 48271 =====:
 actor_loss: -24.936769485473633
 critic_loss: 5.220524787902832
 current_q1: 24.61004066467285
 current_q2: 24.495397567749023
 episode_reward: 92.31028177142421
 frame_per_second: 70
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.4807194173336029
 success_rate: 0.05
 target_q: 24.601884841918945
 total_episodes: 363
 total_steps: 48271
 total_time: 686.8302354812622


===== TD3 Training Step 49330 =====:
 actor_loss: .nan
 critic_loss: 5.414039611816406
 current_q1: 24.756750106811523
 current_q2: 24.7477970123291
 episode_reward: 99.50714980649919
 frame_per_second: 70
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.43752020597457886
 success_rate: 0.07
 target_q: 24.791240692138672
```

```
  total_episodes: 366
  total_steps: 49330
  total_time: 703.5842156410217


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 50683 =====:
 actor_loss: -27.040298461914062
 critic_loss: 8.119477272033691
 current_q1: 26.448753356933594
 current_q2: 26.742145538330078
 episode_reward: 108.56215070914217
 frame_per_second: 69
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5203312039375305
 success_rate: 0.09
 target_q: 26.913124084472656
 total_episodes: 369
 total_steps: 50683
 total_time: 726.3498651981354


 ===== TD3 Training Step 51207 =====:
 actor_loss: -27.371456146240234
 critic_loss: 9.820226669311523
 current_q1: 26.616065979003906
 current_q2: 26.35582733154297
 episode_reward: 111.76038029195698
 frame_per_second: 69
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.45516476035118103
 success_rate: 0.1
 target_q: 26.555526733398438
 total_episodes: 370
 total_steps: 51207
 total_time: 734.5879282951355


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 52168 =====:
 actor_loss: .nan
 critic_loss: 6.989531517028809
 current_q1: 28.579303741455078
 current_q2: 28.676616668701172
 episode_reward: 119.14282204972302
 frame_per_second: 69
```

```
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.4414035975933075
success_rate: 0.11
target_q: 28.6059513092041
total_episodes: 373
total_steps: 52168
total_time: 751.8588631153107


===== TD3 Training Step 53260 =====:
actor_loss: .nan
critic_loss: 9.348093032836914
current_q1: 27.673198699951172
current_q2: 27.718063354492188
episode_reward: 124.59483131278225
frame_per_second: 69
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.43604689836502075
success_rate: 0.12
target_q: 27.67171859741211
total_episodes: 377
total_steps: 53260
total_time: 769.9226505756378

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 54143 =====:
actor_loss: -29.178180694580078
critic_loss: 5.294272422790527
current_q1: 28.244850158691406
current_q2: 28.4394588470459
episode_reward: 128.44856984177358
frame_per_second: 69
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.4655017852783203
success_rate: 0.12
target_q: 29.095489501953125
total_episodes: 381
total_steps: 54143
total_time: 784.1825518608093


===== TD3 Training Step 55193 =====:
actor_loss: -31.62112045288086
critic_loss: 5.273111343383789
current_q1: 31.00652313232422
current_q2: 31.370006561279297
```

```
  episode_reward: 134.38577171673887
  frame_per_second: 68
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.5029723644256592
  success_rate: 0.13
  target_q: 31.46136474609375
  total_episodes: 384
  total_steps: 55193
  total_time: 802.2142331600189

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 56281 =====:
  actor_loss: -32.43116760253906
  critic_loss: 9.103351593017578
  current_q1: 32.37354278564453
  current_q2: 32.490234375
  episode_reward: 141.09506521597143
  frame_per_second: 68
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.4911245107650757
  success_rate: 0.14
  target_q: 32.074825286865234
  total_episodes: 388
  total_steps: 56281
  total_time: 820.5874209403992


 ===== TD3 Training Step 57035 =====:
  actor_loss: -32.34716033935547
  critic_loss: 10.469945907592773
  current_q1: 31.881662368774414
  current_q2: 31.863431930541992
  episode_reward: 144.39160012405196
  frame_per_second: 67
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.48224157094955444
  success_rate: 0.14
  target_q: 31.87099266052246
  total_episodes: 391
  total_steps: 57035
  total_time: 840.8647458553314

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 58405 =====:
```

```
actor_loss: -32.889991760253906
critic_loss: 6.545322418212891
current_q1: 31.838890075683594
current_q2: 31.955366134643555
episode_reward: 152.60468973925157
frame_per_second: 67
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5377810001373291
success_rate: 0.16
target_q: 32.84126281738281
total_episodes: 395
total_steps: 58405
total_time: 869.4687392711639


===== TD3 Training Step 59437 =====:
actor_loss: -34.74577331542969
critic_loss: 13.36832046508789
current_q1: 34.208168029785156
current_q2: 34.001190185546875
episode_reward: 158.2662670973181
frame_per_second: 66
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.45044976472854614
success_rate: 0.17
target_q: 34.097869873046875
total_episodes: 399
total_steps: 59437
total_time: 889.5033044815063
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 60762 =====:
actor_loss: .nan
critic_loss: 23.821441650390625
current_q1: 35.35200500488281
current_q2: 35.30064392089844
episode_reward: 166.84105161903707
frame_per_second: 66
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5656151175498962
success_rate: 0.19
target_q: 34.82777404785156
total_episodes: 401
total_steps: 60762
total_time: 915.0870895385742
```

```
===== TD3 Training Step 61217 =====:
 actor_loss: -33.84992980957031
 critic_loss: 17.772850036621094
 current_q1: 33.48283386230469
 current_q2: 33.522945404052734
 episode_reward: 170.00991388108233
 frame_per_second: 66
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.44221383333206177
 success_rate: 0.2
 target_q: 33.46259689331055
 total_episodes: 402
 total_steps: 61217
 total_time: 924.120171546936

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 62294 =====:
 actor_loss: .nan
 critic_loss: 19.0653076171875
 current_q1: 34.457298278808594
 current_q2: 34.65772247314453
 episode_reward: 177.4919814298422
 frame_per_second: 66
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5538055896759033
 success_rate: 0.22
 target_q: 34.52204895019531
 total_episodes: 405
 total_steps: 62294
 total_time: 942.8553307056427


 ===== TD3 Training Step 63363 =====:
 actor_loss: -35.99772644042969
 critic_loss: 4.460806846618652
 current_q1: 35.206703186035156
 current_q2: 35.09203338623047
 episode_reward: 184.8305021834794
 frame_per_second: 65
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5062881708145142
 success_rate: 0.24
 target_q: 35.353431701660156
 total_episodes: 407
 total_steps: 63363
```

```
    total_time: 962.7487676143646


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 64448 =====:
 actor_loss: .nan
 critic_loss: 3.5662753582000732
 current_q1: 36.376922607421875
 current_q2: 36.15394973754883
 episode_reward: 192.69760297605717
 frame_per_second: 65
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5517473816871643
 success_rate: 0.26
 target_q: 36.03134536743164
 total_episodes: 409
 total_steps: 64448
 total_time: 984.6605885028839


 ===== TD3 Training Step 65432 =====:
 actor_loss: .nan
 critic_loss: 13.66109848022461
 current_q1: 37.86735534667969
 current_q2: 37.944541931152344
 episode_reward: 198.25695783003758
 frame_per_second: 65
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5476343631744385
 success_rate: 0.28
 target_q: 38.28981018066406
 total_episodes: 411
 total_steps: 65432
 total_time: 1003.5002315044403


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 66395 =====:
 actor_loss: -38.33892822265625
 critic_loss: 4.896291732788086
 current_q1: 37.50077438354492
 current_q2: 37.42796325683594
 episode_reward: 204.75550138978204
 frame_per_second: 64
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5675157308578491
```

```
success_rate: 0.3
target_q: 37.88788986206055
total_episodes: 413
total_steps: 66395
total_time: 1021.6786494255066


 ===== TD3 Training Step 67018 =====:
 actor_loss: .nan
 critic_loss: 19.191652297973633
 current_q1: 36.54035949707031
 current_q2: 36.281211853027344
 episode_reward: 209.03267951635192
 frame_per_second: 64
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6474359631538391
 success_rate: 0.31
 target_q: 36.906829833984375
 total_episodes: 415
 total_steps: 67018
 total_time: 1033.2303035259247

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 68012 =====:
 actor_loss: .nan
 critic_loss: 20.24378204345703
 current_q1: 37.48526382446289
 current_q2: 37.27428436279297
 episode_reward: 215.20527468356755
 frame_per_second: 64
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5381467342376709
 success_rate: 0.32
 target_q: 37.21001434326172
 total_episodes: 417
 total_steps: 68012
 total_time: 1051.981817483902


 ===== TD3 Training Step 69082 =====:
 actor_loss: .nan
 critic_loss: 15.355779647827148
 current_q1: 38.57368469238281
 current_q2: 38.70801544189453
 episode_reward: 222.9524370007916
 frame_per_second: 64
```

```
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5477330088615417
success_rate: 0.34
target_q: 38.380279541015625
total_episodes: 420
total_steps: 69082
total_time: 1072.0032358169556
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at <MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 70071 =====:
actor_loss: -37.80284118652344
critic_loss: 4.1651225090026855
current_q1: 37.008758544921875
current_q2: 36.841392517089844
episode_reward: 230.0039827826171
frame_per_second: 64
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.540397047996521
success_rate: 0.35
target_q: 37.278499603271484
total_episodes: 424
total_steps: 70071
total_time: 1091.0807719230652
```

```
===== TD3 Training Step 71269 =====:
actor_loss: -40.271453857421875
critic_loss: 18.62574577331543
current_q1: 39.24294662475586
current_q2: 39.60492706298828
episode_reward: 237.85820359385002
frame_per_second: 64
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.6341487765312195
success_rate: 0.37
target_q: 39.90625762939453
total_episodes: 426
total_steps: 71269
total_time: 1112.8473031520844
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at <MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 72463 =====:
actor_loss: -39.72401428222656
critic_loss: 4.44386100769043
```

```
current_q1: 39.34423065185547
current_q2: 39.470458984375
episode_reward: 243.8144061616441
frame_per_second: 63
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.6124625205993652
success_rate: 0.39
target_q: 39.38945770263672
total_episodes: 429
total_steps: 72463
total_time: 1136.0407242774963


===== TD3 Training Step 73111 =====:
actor_loss: -39.507694244384766
critic_loss: 14.12675666809082
current_q1: 39.4489860534668
current_q2: 39.89424133300781
episode_reward: 247.93999705262732
frame_per_second: 63
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.586662769317627
success_rate: 0.4
target_q: 39.84886932373047
total_episodes: 431
total_steps: 73111
total_time: 1147.7560362815857

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 74023 =====:
actor_loss: -41.16447448730469
critic_loss: 17.437732696533203
current_q1: 40.62583923339844
current_q2: 40.62438201904297
episode_reward: 253.9217636409005
frame_per_second: 63
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5443919897079468
success_rate: 0.42
target_q: 40.68867111206055
total_episodes: 433
total_steps: 74023
total_time: 1162.571833372116


===== TD3 Training Step 75198 =====:
```

```
 actor_loss: .nan
 critic_loss: 6.329891204833984
 current_q1: 39.837806701660156
 current_q2: 39.79389953613281
 episode_reward: 261.1586097267943
 frame_per_second: 63
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5966150164604187
 success_rate: 0.44
 target_q: 39.965843200683594
 total_episodes: 436
 total_steps: 75198
 total_time: 1183.8698427677155


Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 76084 =====:
 actor_loss: .nan
 critic_loss: 4.994423866271973
 current_q1: 39.86577606201172
 current_q2: 39.95725631713867
 episode_reward: 266.5086436999975
 frame_per_second: 63
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5575382709503174
 success_rate: 0.45
 target_q: 40.08850860595703
 total_episodes: 438
 total_steps: 76084
 total_time: 1203.460539340973


 ===== TD3 Training Step 77273 =====:
 actor_loss: -40.41986083984375
 critic_loss: 5.970009803771973
 current_q1: 40.296142578125
 current_q2: 40.44611740112305
 episode_reward: 270.9096722057017
 frame_per_second: 63
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5177005529403687
 success_rate: 0.46
 target_q: 39.789764404296875
 total_episodes: 442
 total_steps: 77273
 total_time: 1223.8759355545044
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 78250 =====:
 actor_loss: .nan
 critic_loss: 8.093279838562012
 current_q1: 41.31499099731445
 current_q2: 41.265262603759766
 episode_reward: 276.4486828478888
 frame_per_second: 62
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6505638360977173
 success_rate: 0.48
 target_q: 41.94440460205078
 total_episodes: 444
 total_steps: 78250
 total_time: 1242.7595827579498


 ===== TD3 Training Step 79195 =====:
 actor_loss: -42.24710464477539
 critic_loss: 4.432433128356934
 current_q1: 42.063751220703125
 current_q2: 42.07257843017578
 episode_reward: 282.3765944921781
 frame_per_second: 62
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5522706508636475
 success_rate: 0.49
 target_q: 41.87608337402344
 total_episodes: 446
 total_steps: 79195
 total_time: 1261.629903793335
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 80260 =====:
 actor_loss: .nan
 critic_loss: 5.04279899597168
 current_q1: 41.300846099853516
 current_q2: 41.48381805419922
 episode_reward: 287.9387538276945
 frame_per_second: 62
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6125118732452393
 success_rate: 0.51
 target_q: 41.925559997558594
```

```
  total_episodes: 449
  total_steps: 80260
  total_time: 1281.8912756443024


 ===== TD3 Training Step 81169 =====:
  actor_loss: -42.99073791503906
  critic_loss: 6.05125093460083
  current_q1: 42.43492889404297
  current_q2: 42.537353515625
  episode_reward: 291.0312439772738
  frame_per_second: 62
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.6242358088493347
  success_rate: 0.52
  target_q: 42.99528503417969
  total_episodes: 453
  total_steps: 81169
  total_time: 1299.0961916446686

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 82433 =====:
  actor_loss: -43.36133575439453
  critic_loss: 42.9329833984375
  current_q1: 42.74983215332031
  current_q2: 42.733360290527344
  episode_reward: 292.87576517949617
  frame_per_second: 62
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.5347645282745361
  success_rate: 0.52
  target_q: 42.78640365600586
  total_episodes: 457
  total_steps: 82433
  total_time: 1323.72274518013


 ===== TD3 Training Step 83352 =====:
  actor_loss: .nan
  critic_loss: 6.170157432556152
  current_q1: 43.20994567871094
  current_q2: 43.02693557739258
  episode_reward: 294.4784630855895
  frame_per_second: 62
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.6477465033531189
```

```
  success_rate: 0.53
  target_q: 42.60749435424805
  total_episodes: 459
  total_steps: 83352
  total_time: 1341.3401455879211
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 84197 =====:
  actor_loss: -43.450347900390625
  critic_loss: 19.687969207763672
  current_q1: 42.868247985839844
  current_q2: 42.806488037109375
  episode_reward: 293.05926322181244
  frame_per_second: 61
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.5433827042579651
  success_rate: 0.53
  target_q: 42.727394104003906
  total_episodes: 462
  total_steps: 84197
  total_time: 1358.1875805854797
```

```
 ===== TD3 Training Step 85199 =====:
  actor_loss: -42.480552673339844
  critic_loss: 8.825835227966309
  current_q1: 42.03709411621094
  current_q2: 42.06779479980469
  episode_reward: 291.67421903964436
  frame_per_second: 61
  log_dir: MetaDrive-Tut-Hard-v0
  reward: 0.6397339105606079
  success_rate: 0.53
  target_q: 42.43993377685547
  total_episodes: 464
  total_steps: 85199
  total_time: 1376.6093575954437
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 86053 =====:
  actor_loss: -43.26774215698242
  critic_loss: 5.1973114013671875
  current_q1: 43.526039123535156
  current_q2: 43.51776123046875
```

```
episode_reward: 293.94063769950947
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.6113402843475342
success_rate: 0.54
target_q: 43.214149475097656
total_episodes: 466
total_steps: 86053
total_time: 1392.2239291667938


===== TD3 Training Step 87420 =====:
actor_loss: .nan
critic_loss: 17.014129638671875
current_q1: 43.15303039550781
current_q2: 43.14452362060547
episode_reward: 299.1779163182866
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5939995050430298
success_rate: 0.55
target_q: 43.44102478027344
total_episodes: 468
total_steps: 87420
total_time: 1419.6275725364685

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

===== TD3 Training Step 88237 =====:
actor_loss: -43.677757263183594
critic_loss: 16.19403076171875
current_q1: 43.6143798828125
current_q2: 43.6607780456543
episode_reward: 296.31515295577736
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.5638080835342407
success_rate: 0.54
target_q: 43.28253936767578
total_episodes: 470
total_steps: 88237
total_time: 1435.6329500675201


===== TD3 Training Step 89130 =====:
actor_loss: .nan
critic_loss: 36.131011962890625
```

```
current_q1: 45.422462463378906
current_q2: 45.581275939941406
episode_reward: 296.6484759122143
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.650600254535675
success_rate: 0.55
target_q: 44.64918899536133
total_episodes: 472
total_steps: 89130
total_time: 1451.8382086753845
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at <MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
===== TD3 Training Step 90141 =====:
actor_loss: -46.019569396972656
critic_loss: 6.2397284507751465
current_q1: 45.119293212890625
current_q2: 45.210731506347656
episode_reward: 300.9958488644981
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.6577918529510498
success_rate: 0.57
target_q: 45.59856414794922
total_episodes: 474
total_steps: 90141
total_time: 1471.0462753772736
```

```
===== TD3 Training Step 91079 =====:
actor_loss: -45.24763488769531
critic_loss: 17.529678344726562
current_q1: 44.967193603515625
current_q2: 45.19807052612305
episode_reward: 305.2817161817529
frame_per_second: 61
log_dir: MetaDrive-Tut-Hard-v0
reward: 0.6011478900909424
success_rate: 0.59
target_q: 44.638648986816406
total_episodes: 476
total_steps: 91079
total_time: 1488.094500541687
```

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at <MetaDrive-Tut-Hard-v0\td3\progress.csv>.

```
 ===== TD3 Training Step 92230 =====:
 actor_loss: .nan
 critic_loss: 14.035343170166016
 current_q1: 43.76738357543945
 current_q2: 43.63092041015625
 episode_reward: 309.3978511705907
 frame_per_second: 61
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6601312160491943
 success_rate: 0.6
 target_q: 44.38661193847656
 total_episodes: 478
 total_steps: 92230
 total_time: 1511.6235566139221


 ===== TD3 Training Step 93051 =====:
 actor_loss: -45.26559829711914
 critic_loss: 18.851032257080078
 current_q1: 45.119293212890625
 current_q2: 45.296592712402344
 episode_reward: 313.3345596158498
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5113409161567688
 success_rate: 0.61
 target_q: 44.787967681884766
 total_episodes: 480
 total_steps: 93051
 total_time: 1527.0671503543854

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 94146 =====:
 actor_loss: .nan
 critic_loss: 54.82818603515625
 current_q1: 45.12366485595703
 current_q2: 45.28687286376953
 episode_reward: 312.31755541273384
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5370218753814697
 success_rate: 0.62
 target_q: 45.07827377319336
 total_episodes: 484
 total_steps: 94146
```

```
    total_time: 1544.3576321601868


 ===== TD3 Training Step 95448 =====:
 actor_loss: .nan
 critic_loss: 20.060874938964844
 current_q1: 44.96190643310547
 current_q2: 45.287925720214844
 episode_reward: 318.01638981844536
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5698071718215942
 success_rate: 0.65
 target_q: 44.46699523925781
 total_episodes: 487
 total_steps: 95448
 total_time: 1566.4981136322021

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 96316 =====:
 actor_loss: .nan
 critic_loss: 9.328714370727539
 current_q1: 45.902305603027344
 current_q2: 46.00157165527344
 episode_reward: 320.1901802107941
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6057727336883545
 success_rate: 0.66
 target_q: 47.226036071777344
 total_episodes: 489
 total_steps: 96316
 total_time: 1580.4752037525177


 ===== TD3 Training Step 97144 =====:
 actor_loss: .nan
 critic_loss: 9.477815628051758
 current_q1: 47.05739212036133
 current_q2: 47.22201156616211
 episode_reward: 323.98743263383994
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.6139971613883972
 success_rate: 0.68
 target_q: 46.924320220947266
```

```
  total_episodes: 491
  total_steps: 97144
  total_time: 1595.709157705307

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

 ===== TD3 Training Step 98400 =====:
 actor_loss: .nan
 critic_loss: 7.592137336730957
 current_q1: 48.040618896484375
 current_q2: 47.907752990722656
 episode_reward: 327.1209323905292
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.5987216234207153
 success_rate: 0.69
 target_q: 47.837554931640625
 total_episodes: 493
 total_steps: 98400
 total_time: 1619.4768879413605


 ===== TD3 Training Step 99385 =====:
 actor_loss: -47.642127990722656
 critic_loss: 22.595001220703125
 current_q1: 47.55455017089844
 current_q2: 47.83530044555664
 episode_reward: 328.41449387680535
 frame_per_second: 60
 log_dir: MetaDrive-Tut-Hard-v0
 reward: 0.7198482155799866
 success_rate: 0.7
 target_q: 47.18674850463867
 total_episodes: 495
 total_steps: 99385
 total_time: 1636.787963628769

Trainer is saved at <MetaDrive-Tut-Hard-v0\td3>. Progress is saved at
<MetaDrive-Tut-Hard-v0\td3\progress.csv>.

Training Step:  99%|      | 99125/100000 [27:11<00:15, 54.75it/s]
Training Step:  99%|      | 99131/100000 [27:11<00:16, 53.67it/s]
Training Step:  99%|      | 99137/100000 [27:12<00:16, 53.78it/s]
Training Step:  99%|      | 99143/100000 [27:12<00:15, 54.15it/s]
Training Step:  99%|      | 99149/100000 [27:12<00:15, 54.12it/s]
Training Step:  99%|      | 99155/100000 [27:12<00:15, 53.10it/s]
Training Step:  99%|      | 99161/100000 [27:12<00:16, 50.76it/s]
```

```
Training Step:  99%|        | 99167/100000 [27:12<00:16, 50.90it/s]
Training Step:  99%|        | 99173/100000 [27:12<00:16, 51.27it/s]
Training Step:  99%|        | 99179/100000 [27:12<00:16, 51.15it/s]
Training Step:  99%|        | 99185/100000 [27:13<00:15, 51.06it/s]
Training Step:  99%|        | 99191/100000 [27:13<00:15, 50.99it/s]
Training Step:  99%|        | 99197/100000 [27:13<00:15, 51.34it/s]
Training Step:  99%|        | 99203/100000 [27:13<00:15, 51.59it/s]
Training Step:  99%|        | 99209/100000 [27:13<00:14, 52.86it/s]
Training Step:  99%|        | 99215/100000 [27:13<00:14, 53.50it/s]
Training Step:  99%|        | 99221/100000 [27:13<00:14, 52.26it/s]
Training Step:  99%|        | 99227/100000 [27:13<00:14, 52.23it/s]
Training Step:  99%|        | 99233/100000 [27:13<00:14, 51.28it/s]
Training Step:  99%|        | 99239/100000 [27:14<00:15, 50.63it/s]
Training Step:  99%|        | 99245/100000 [27:14<00:14, 51.35it/s]
Training Step:  99%|        | 99251/100000 [27:14<00:14, 50.55it/s]
Training Step:  99%|        | 99257/100000 [27:14<00:15, 49.39it/s]
Training Step:  99%|        | 99262/100000 [27:14<00:15, 49.04it/s]
Training Step:  99%|        | 99268/100000 [27:14<00:14, 50.89it/s]
Training Step:  99%|        | 99274/100000 [27:14<00:14, 51.49it/s]
Training Step:  99%|        | 99280/100000 [27:14<00:13, 52.72it/s]
Training Step:  99%|        | 99286/100000 [27:14<00:13, 52.59it/s]
Training Step:  99%|        | 99292/100000 [27:15<00:13, 53.46it/s]
Training Step:  99%|        | 99298/100000 [27:15<00:12, 54.37it/s]
Training Step:  99%|        | 99304/100000 [27:15<00:13, 52.55it/s]
Training Step:  99%|        | 99310/100000 [27:15<00:12, 54.30it/s]
Training Step:  99%|        | 99317/100000 [27:15<00:11, 58.20it/s]
Training Step:  99%|        | 99324/100000 [27:15<00:11, 61.38it/s]
Training Step:  99%|        | 99332/100000 [27:15<00:10, 65.42it/s]
Training Step:  99%|        | 99339/100000 [27:15<00:10, 63.11it/s]
Training Step:  99%|        | 99346/100000 [27:15<00:10, 63.79it/s]
Training Step:  99%|        | 99353/100000 [27:16<00:10, 64.63it/s]
Training Step:  99%|        | 99360/100000 [27:16<00:10, 62.94it/s]
Training Step:  99%|        | 99367/100000 [27:16<00:10, 60.68it/s]
Training Step:  99%|        | 99374/100000 [27:16<00:10, 57.02it/s]
Training Step:  99%|        | 99380/100000 [27:16<00:11,
55.91it/s][INFO] Episode ended! Scenario Index: 1010 Reason:
arrive_dest.

Training Step:  99%|        | 99386/100000 [27:16<00:14, 43.38it/s]
Training Step:  99%|        | 99391/100000 [27:16<00:13, 44.07it/s]
Training Step:  99%|        | 99396/100000 [27:17<00:14, 42.36it/s]
Training Step:  99%|        | 99401/100000 [27:17<00:13, 43.25it/s]
Training Step:  99%|        | 99406/100000 [27:17<00:13, 43.84it/s]
Training Step:  99%|        | 99411/100000 [27:17<00:13, 42.26it/s]
Training Step:  99%|        | 99416/100000 [27:17<00:14, 39.13it/s]
Training Step:  99%|        | 99421/100000 [27:17<00:15, 37.64it/s]
Training Step:  99%|        | 99425/100000 [27:17<00:16, 35.89it/s]
Training Step:  99%|        | 99429/100000 [27:17<00:16, 34.85it/s]
```

```
Training Step:  99%|        | 99433/100000 [27:18<00:17, 33.25it/s]
Training Step:  99%|        | 99437/100000 [27:18<00:16, 33.19it/s]
Training Step:  99%|        | 99441/100000 [27:18<00:18, 29.83it/s]
Training Step:  99%|        | 99445/100000 [27:18<00:17, 30.97it/s]
Training Step:  99%|        | 99449/100000 [27:18<00:17, 31.70it/s]
Training Step:  99%|        | 99453/100000 [27:18<00:17, 31.28it/s]
Training Step:  99%|        | 99457/100000 [27:18<00:17, 31.64it/s]
Training Step:  99%|        | 99461/100000 [27:18<00:17, 31.01it/s]
Training Step:  99%|        | 99465/100000 [27:19<00:17, 31.01it/s]
Training Step:  99%|        | 99469/100000 [27:19<00:16, 31.37it/s]
Training Step:  99%|        | 99473/100000 [27:19<00:17, 30.59it/s]
Training Step:  99%|        | 99477/100000 [27:19<00:17, 29.80it/s]
Training Step:  99%|        | 99480/100000 [27:19<00:17, 29.64it/s]
Training Step:  99%|        | 99484/100000 [27:19<00:16, 30.79it/s]
Training Step:  99%|        | 99488/100000 [27:19<00:16, 31.00it/s]
Training Step:  99%|        | 99492/100000 [27:19<00:16, 31.30it/s]
Training Step:  99%|        | 99496/100000 [27:20<00:16, 31.36it/s]
Training Step: 100%|        | 99500/100000 [27:20<00:15, 31.86it/s]
Training Step: 100%|        | 99504/100000 [27:20<00:15, 32.21it/s]
Training Step: 100%|        | 99508/100000 [27:20<00:16, 29.90it/s]
Training Step: 100%|        | 99512/100000 [27:20<00:16, 29.55it/s]
Training Step: 100%|        | 99515/100000 [27:20<00:16, 29.59it/s]
Training Step: 100%|        | 99518/100000 [27:20<00:16, 28.81it/s]
Training Step: 100%|        | 99522/100000 [27:20<00:16, 29.01it/s]
Training Step: 100%|        | 99526/100000 [27:21<00:16, 29.62it/s]
Training Step: 100%|        | 99530/100000 [27:21<00:15, 30.92it/s]
Training Step: 100%|        | 99534/100000 [27:21<00:16, 27.63it/s]
Training Step: 100%|        | 99538/100000 [27:21<00:16, 27.69it/s]
Training Step: 100%|        | 99542/100000 [27:21<00:15, 28.68it/s]
Training Step: 100%|        | 99546/100000 [27:21<00:15, 29.93it/s]
Training Step: 100%|        | 99550/100000 [27:21<00:14, 30.04it/s]
Training Step: 100%|        | 99554/100000 [27:22<00:14, 30.75it/s]
Training Step: 100%|        | 99558/100000 [27:22<00:14, 31.41it/s]
Training Step: 100%|        | 99562/100000 [27:22<00:13, 31.96it/s]
Training Step: 100%|        | 99566/100000 [27:22<00:13, 32.28it/s]
Training Step: 100%|        | 99570/100000 [27:22<00:13, 32.51it/s]
Training Step: 100%|        | 99574/100000 [27:22<00:13, 32.35it/s]
Training Step: 100%|        | 99578/100000 [27:22<00:13, 31.94it/s]
Training Step: 100%|        | 99582/100000 [27:22<00:12, 32.49it/s]
Training Step: 100%|        | 99586/100000 [27:23<00:13, 31.11it/s]
Training Step: 100%|        | 99590/100000 [27:23<00:12, 32.05it/s]
Training Step: 100%|        | 99594/100000 [27:23<00:12, 33.57it/s]
Training Step: 100%|        | 99598/100000 [27:23<00:11, 34.81it/s]
Training Step: 100%|        | 99602/100000 [27:23<00:11, 35.93it/s]
Training Step: 100%|        | 99607/100000 [27:23<00:10, 38.50it/s]
Training Step: 100%|        | 99612/100000 [27:23<00:10, 38.49it/s]
Training Step: 100%|        | 99616/100000 [27:23<00:10, 36.54it/s]
Training Step: 100%|        | 99620/100000 [27:23<00:10, 34.94it/s]
```

```
Training Step: 100%|          | 99624/100000 [27:24<00:11, 33.96it/s]
Training Step: 100%|          | 99628/100000 [27:24<00:11, 32.80it/s]
Training Step: 100%|          | 99632/100000 [27:24<00:11, 31.15it/s]
Training Step: 100%|          | 99636/100000 [27:24<00:11, 30.41it/s]
Training Step: 100%|          | 99640/100000 [27:24<00:12, 29.58it/s]
Training Step: 100%|          | 99644/100000 [27:24<00:12, 29.40it/s]
Training Step: 100%|          | 99648/100000 [27:24<00:12, 29.27it/s]
Training Step: 100%|          | 99651/100000 [27:25<00:12, 28.56it/s]
Training Step: 100%|          | 99655/100000 [27:25<00:11, 29.92it/s]
Training Step: 100%|          | 99660/100000 [27:25<00:10, 32.67it/s]
Training Step: 100%|          | 99665/100000 [27:25<00:09, 35.60it/s]
Training Step: 100%|          | 99669/100000 [27:25<00:09, 33.86it/s]
Training Step: 100%|          | 99674/100000 [27:25<00:08, 37.10it/s]
Training Step: 100%|          | 99679/100000 [27:25<00:08, 38.94it/s]
Training Step: 100%|          | 99683/100000 [27:25<00:08, 39.01it/s]
Training Step: 100%|          | 99688/100000 [27:25<00:07, 40.04it/s]
Training Step: 100%|          | 99693/100000 [27:26<00:07, 41.66it/s]
Training Step: 100%|          | 99698/100000 [27:26<00:07, 42.04it/s]
Training Step: 100%|          | 99703/100000 [27:26<00:07, 39.50it/s]
Training Step: 100%|          | 99708/100000 [27:26<00:07, 40.94it/s]
Training Step: 100%|          | 99713/100000 [27:26<00:06, 42.76it/s]
Training Step: 100%|          | 99718/100000 [27:26<00:06, 42.21it/s]
Training Step: 100%|          | 99723/100000 [27:26<00:06, 44.29it/s]
Training Step: 100%|          | 99728/100000 [27:26<00:05, 45.62it/s]
Training Step: 100%|          | 99733/100000 [27:27<00:05, 46.59it/s]
Training Step: 100%|          | 99738/100000 [27:27<00:05, 44.16it/s]
Training Step: 100%|          | 99743/100000 [27:27<00:06, 40.97it/s]
Training Step: 100%|          | 99748/100000 [27:27<00:06, 36.09it/s]
Training Step: 100%|          | 99752/100000 [27:27<00:06, 36.67it/s]
Training Step: 100%|          | 99756/100000 [27:27<00:06, 37.13it/s]
Training Step: 100%|          | 99760/100000 [27:27<00:06, 36.92it/s]
Training Step: 100%|          | 99765/100000 [27:27<00:06, 38.56it/s]
Training Step: 100%|          | 99770/100000 [27:28<00:05, 39.50it/s]
Training Step: 100%|          | 99775/100000 [27:28<00:05, 40.93it/s]
Training Step: 100%|          | 99780/100000 [27:28<00:05, 41.16it/s]
Training Step: 100%|          | 99785/100000 [27:28<00:05, 42.07it/s]
Training Step: 100%|          | 99790/100000 [27:28<00:04, 42.10it/s]
Training Step: 100%|          | 99796/100000 [27:28<00:04, 44.56it/s]
Training Step: 100%|          | 99801/100000 [27:28<00:04, 45.65it/s]
Training Step: 100%|          | 99807/100000 [27:28<00:04, 48.01it/s]
Training Step: 100%|          | 99812/100000 [27:28<00:03, 48.19it/s]
Training Step: 100%|          | 99818/100000 [27:29<00:03, 49.24it/s]
Training Step: 100%|          | 99824/100000 [27:29<00:03, 50.12it/s]
Training Step: 100%|          | 99830/100000 [27:29<00:03, 51.70it/s]
Training Step: 100%|          | 99836/100000 [27:29<00:03, 51.51it/s]
Training Step: 100%|          | 99842/100000 [27:29<00:02, 52.82it/s]
Training Step: 100%|          | 99848/100000 [27:29<00:02, 51.12it/s]
Training Step: 100%|          | 99854/100000 [27:29<00:02, 50.01it/s]
```

```
Training Step: 100%|        | 99860/100000 [27:29<00:02, 51.16it/s]
Training Step: 100%|        | 99866/100000 [27:29<00:02, 53.24it/s]
Training Step: 100%|        | 99872/100000 [27:30<00:02, 53.63it/s]
Training Step: 100%|        | 99878/100000 [27:30<00:02, 55.25it/s]
Training Step: 100%|        | 99884/100000 [27:30<00:02, 55.65it/s]
Training Step: 100%|        | 99890/100000 [27:30<00:01, 56.89it/s]
Training Step: 100%|        | 99897/100000 [27:30<00:01, 58.65it/s]
Training Step: 100%|        | 99903/100000 [27:30<00:01, 57.62it/s]
Training Step: 100%|        | 99909/100000 [27:30<00:01,
58.30it/s][INFO] Episode ended! Scenario Index: 1007 Reason:
arrive_dest.

Training Step: 100%|        | 99915/100000 [27:30<00:01, 50.16it/s]
Training Step: 100%|        | 99922/100000 [27:30<00:01, 54.47it/s]
Training Step: 100%|        | 99929/100000 [27:31<00:01, 58.01it/s]
Training Step: 100%|        | 99936/100000 [27:31<00:01, 58.57it/s]
Training Step: 100%|        | 99942/100000 [27:31<00:01, 57.55it/s]
Training Step: 100%|        | 99948/100000 [27:31<00:00, 56.21it/s]
Training Step: 100%|        | 99954/100000 [27:31<00:00, 56.40it/s]
Training Step: 100%|        | 99960/100000 [27:31<00:00, 56.00it/s]
Training Step: 100%|        | 99966/100000 [27:31<00:00, 55.41it/s]
Training Step: 100%|        | 99972/100000 [27:31<00:00, 55.18it/s]
Training Step: 100%|        | 99978/100000 [27:31<00:00, 55.01it/s]
Training Step: 100%|        | 99984/100000 [27:32<00:00, 54.16it/s]
Training Step: 100%|        | 99990/100000 [27:32<00:00, 51.75it/s]
Training Step: 100%|        | 99996/100000 [27:32<00:00, 50.78it/s]
Training Step: 100%|        | 100000/100000 [27:32<00:00, 60.52it/s]
```

[9]:
```python
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

progress = pd.read_csv("MetaDrive-Tut-Hard-v0/td3/progress.csv")
print("The log contains these keys: ", progress.keys())
plt.figure(dpi=300)
sns.set("notebook", "darkgrid")
ax = sns.lineplot(
    data=progress,
    x="total_steps",
    y="episode_reward"
)
ax.set_title("TD3 agent in MetaDrive-Tut-Hard-v0")

ax.ticklabel_format(style='sci', scilimits=(0,0), axis='x')

# TODO: You should remove this line in your code.
# ax.annotate("REFERENCE", (0, 200), size=50, alpha=0.05)
```

```
plt.savefig('metadrive-hard-td3.png', format='png', dpi=300,
    ↪bbox_inches="tight")
```

```
The log contains these keys:  Index(['Unnamed: 0', 'log_dir',
'frame_per_second', 'episode_reward',
        'total_steps', 'total_episodes', 'total_time', 'target_q', 'actor_loss',
        'critic_loss', 'success_rate', 'current_q1', 'current_q2', 'reward'],
      dtype='object')
```

TD3 agent in MetaDrive-Tut-Hard-v0
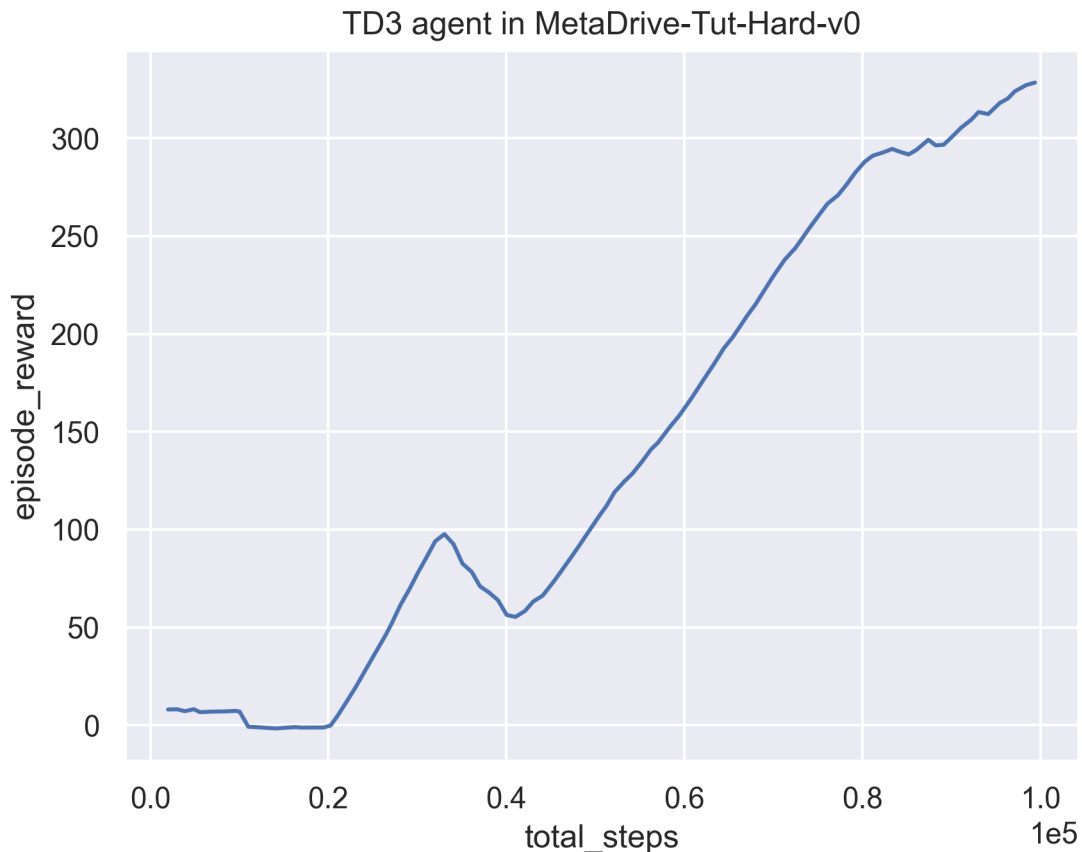
1.3.3 Demo 2.3: Evaluate TD3 in MetaDrive

```
[12]: !python eval_td3.py \
      --env-id="MetaDrive-Tut-Hard-v0" \
      --log-dir="MetaDrive-Tut-Hard-v0/td3"
```

```
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
```

'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
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c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',

```
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Finished 10/50 episodes. Average episode reward: 249.111
Finished 20/50 episodes. Average episode reward: 286.470
Finished 30/50 episodes. Average episode reward: 297.915
Finished 40/50 episodes. Average episode reward: 302.430
Finished 50/50 episodes. Average episode reward: 294.562
The average return after running TD3 agent for 50 episodes in MetaDrive-Tut-
Hard-v0 environment: 294.5623916406736.
Result is saved at: MetaDrive-Tut-Hard-v0/td3/eval_results.csv

c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-Easy-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-Hard-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-1Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-5Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-10Env-v0 already in registry.
```

```
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-20Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-50Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-100Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-Test-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core\td3_train
er.py:233: FutureWarning: You are using `torch.load` with `weights_only=False`
(the current default value), which uses the default pickle module implicitly. It
is possible to construct malicious pickle data which will execute arbitrary code
during unpickling (See
https://github.com/pytorch/pytorch/blob/main/SECURITY.md#untrusted-models for
more details). In a future release, the default value for `weights_only` will be
flipped to `True`. This limits the functions that could be executed during
unpickling. Arbitrary objects will no longer be allowed to be loaded via this
mode unless they are explicitly allowlisted by the user via
`torch.serialization.add_safe_globals`. We recommend you start setting
`weights_only=True` for any use case where you don't have full control of the
loaded file. Please open an issue on GitHub for any issues related to this
experimental feature.
  self.critic.load_state_dict(torch.load(os.path.join(filename, "critic")))
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core\td3_train
er.py:234: FutureWarning: You are using `torch.load` with `weights_only=False`
(the current default value), which uses the default pickle module implicitly. It
is possible to construct malicious pickle data which will execute arbitrary code
during unpickling (See
https://github.com/pytorch/pytorch/blob/main/SECURITY.md#untrusted-models for
more details). In a future release, the default value for `weights_only` will be
```

flipped to `True`. This limits the functions that could be executed during unpickling. Arbitrary objects will no longer be allowed to be loaded via this mode unless they are explicitly allowlisted by the user via `torch.serialization.add_safe_globals`. We recommend you start setting `weights_only=True` for any use case where you don't have full control of the loaded file. Please open an issue on GitHub for any issues related to this experimental feature.
  self.critic_optimizer.load_state_dict(torch.load(os.path.join(filename, "critic_optimizer")))
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core\td3_train er.py:237: FutureWarning: You are using `torch.load` with `weights_only=False` (the current default value), which uses the default pickle module implicitly. It is possible to construct malicious pickle data which will execute arbitrary code during unpickling (See https://github.com/pytorch/pytorch/blob/main/SECURITY.md#untrusted-models for more details). In a future release, the default value for `weights_only` will be flipped to `True`. This limits the functions that could be executed during unpickling. Arbitrary objects will no longer be allowed to be loaded via this mode unless they are explicitly allowlisted by the user via `torch.serialization.add_safe_globals`. We recommend you start setting `weights_only=True` for any use case where you don't have full control of the loaded file. Please open an issue on GitHub for any issues related to this experimental feature.
  self.actor.load_state_dict(torch.load(os.path.join(filename, "actor")))
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core\td3_train er.py:238: FutureWarning: You are using `torch.load` with `weights_only=False` (the current default value), which uses the default pickle module implicitly. It is possible to construct malicious pickle data which will execute arbitrary code during unpickling (See https://github.com/pytorch/pytorch/blob/main/SECURITY.md#untrusted-models for more details). In a future release, the default value for `weights_only` will be flipped to `True`. This limits the functions that could be executed during unpickling. Arbitrary objects will no longer be allowed to be loaded via this mode unless they are explicitly allowlisted by the user via `torch.serialization.add_safe_globals`. We recommend you start setting `weights_only=True` for any use case where you don't have full control of the loaded file. Please open an issue on GitHub for any issues related to this experimental feature.
  self.actor_optimizer.load_state_dict(torch.load(os.path.join(filename, "actor_optimizer")))
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(), lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv

```
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Environment: MetaDriveEnv
```

```
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Assets version: 0.4.3
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Assets version: 0.4.3
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1017 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1008 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1013 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1010 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: arrive_dest.
```

```
[INFO] Episode ended! Scenario Index: 1015 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1013 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1019 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1005 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1004 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1013 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1000 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1000 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1004 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1011 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1011 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1019 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1019 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1010 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1014 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1008 Reason: arrive_dest.
```

```python
[13]: import pandas as pd
      import matplotlib.pyplot as plt
      import seaborn as sns

      td3_eval = pd.read_csv("MetaDrive-Tut-Hard-v0/td3/eval_results.csv")
      print("TD3 agent average reward: {}".format(td3_eval.rewards.mean()))
```

```
TD3 agent average reward: 294.5623916406736
```

1.4 Demo 3: Train a PPO agent

You need to finish `core/ppo_trainer.py`, `core/buffer.py` and `train_ppo.py`.

Here we use GAE [1] (Generalized Advantage Estimation) to estimate the advantage. This technique is implemented in `PPORolloutStorage.compute_returns` in `core/buffer.py`. Concretely, we estimate the advantage of current state t via:

$$\delta_t = r_t + \gamma V(s_{t+1}) - V(s_t)$$

$$A_t^{GAE} = \sum_{l=0}^{\infty} (\gamma\lambda)^l \delta_{t+l}$$

wherein V is the state value function, λ is a hyper-parameter defined in `PPOConfig["gae_lambda"]`.

You can find that when $\lambda = 0$, the GAE estimates advantage in an one-step TD manner. When $\lambda = 1$, the GAE reduces to Monte Carlo Estimation of the state value. Therefore by varying the λ, we can adjust the trade-off between the accuracy of the estimation, namely the bias, and the variance of the advantage.

[1]: Schulman, John , et al. "High-Dimensional Continuous Control Using Generalized Advantage Estimation." (2015).

1.4.1 Demo 3.1 Train and draw the learning curve of PPO in CartPole

```
[15]: !python train_ppo.py \
      --env-id CartPole-v1 \
      --log-dir CartPole-v1 \
      --num-envs 10 \
      --max-steps 300000
```

```
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
Start training!
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core

 ===== ppo Training Iteration 0 =====:
  adv_mean: 8.544449806213379
  entropy: 0.6854138829769232
  episode_reward: 21.66
  frame_per_second: 1102
```

```
  grad_norm: 38.449898421458705
  iteration: 0
  log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
  policy_loss: -0.016986302443397924
  ratio: 1.0010018738416524
  total_episodes: 884
  total_loss: 59.98056534987229
  total_steps: 20000
  total_time: 18.144805192947388
  value_loss: 59.99755155123197

Trainer is saved at <c:\Users\Admin\Documents\cs260r-assignment-2025winter\assig
nment3\CartPole-v1\ppo\checkpoint-iter0.pkl>. Progress is saved at <c:\Users\Adm
in\Documents\cs260r-assignment-2025winter\assignment3\CartPole-v1\ppo\progress.c
sv>.

 ===== ppo Training Iteration 1 =====:
  adv_mean: 7.805471897125244
  entropy: 0.6582230188907721
  episode_reward: 36.73
  frame_per_second: 1243
  grad_norm: 64.93233408805652
  iteration: 1
  log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
  policy_loss: -0.017280317433118725
  ratio: 1.0006323653918046
  total_episodes: 1474
  total_loss: 69.787095167698
  total_steps: 40000
  total_time: 32.16666007041931
  value_loss: 69.80437540396666

 ===== ppo Training Iteration 2 =====:
  adv_mean: 7.918827056884766
  entropy: 0.6198627297694866
  episode_reward: 61.18
  frame_per_second: 1315
  grad_norm: 79.16028320972737
  iteration: 2
  log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
  policy_loss: -0.016254089502856516
  ratio: 1.0006686201462378
  total_episodes: 1791
  total_loss: 91.52559355711325
```

```
total_steps: 60000
total_time: 45.62497854232788
value_loss: 91.54184766916129


===== ppo Training Iteration 3 =====:
adv_mean: 7.66693115234375
entropy: 0.5916525383790334
episode_reward: 113.36
frame_per_second: 1324
grad_norm: 85.17129224385971
iteration: 3
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.01379286538487157
ratio: 0.9998971356031222
total_episodes: 1964
total_loss: 81.74220312069625
total_steps: 80000
total_time: 60.41568040847778
value_loss: 81.75599593138084


===== ppo Training Iteration 4 =====:
adv_mean: 6.884119987487793
entropy: 0.5676217468885275
episode_reward: 172.56
frame_per_second: 1340
grad_norm: 89.5517792286017
iteration: 4
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.009138690412211686
ratio: 1.000632280187729
total_episodes: 2076
total_loss: 63.03479279493674
total_steps: 100000
total_time: 74.58256459236145
value_loss: 63.04393147199582


===== ppo Training Iteration 5 =====:
adv_mean: 6.424250602722168
entropy: 0.5508354941239724
episode_reward: 241.97
frame_per_second: 1363
grad_norm: 83.33007957751934
iteration: 5
```

```
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.006220920545120652
ratio: 1.0000033900523797
total_episodes: 2152
total_loss: 54.261224773602606
total_steps: 120000
total_time: 88.00755667686462
value_loss: 54.267445640074904


===== ppo Training Iteration 6 =====:
adv_mean: 5.658293724060059
entropy: 0.541066371783232
episode_reward: 323.33
frame_per_second: 1387
grad_norm: 82.30461833171356
iteration: 6
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.004256672154252346
ratio: 1.0001055784714528
total_episodes: 2202
total_loss: 68.2306154691256
total_steps: 140000
total_time: 100.89349889755249
value_loss: 68.23487217731964


===== ppo Training Iteration 7 =====:
adv_mean: 3.364748239517212
entropy: 0.5220564071184549
episode_reward: 359.88
frame_per_second: 1409
grad_norm: 80.80690181683272
iteration: 7
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.005227738156771431
ratio: 0.9984452479160749
total_episodes: 2265
total_loss: 64.88349187557515
total_steps: 160000
total_time: 113.48724579811096
value_loss: 64.88871960517687


===== ppo Training Iteration 8 =====:
```

```
adv_mean: 2.8697426319122314
entropy: 0.5237191922771625
episode_reward: 329.7
frame_per_second: 1427
grad_norm: 82.73101484347612
iteration: 8
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.003677471618478497
ratio: 0.9994943488102693
total_episodes: 2325
total_loss: 68.33971511645194
total_steps: 180000
total_time: 126.07374119758606
value_loss: 68.34339257264749


===== ppo Training Iteration 9 =====:
adv_mean: 2.8306992053985596
entropy: 0.5293488712647022
episode_reward: 365.68
frame_per_second: 1444
grad_norm: 75.46685258914263
iteration: 9
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.0020672905981206358
ratio: 0.9999283409271484
total_episodes: 2373
total_loss: 59.38832635634985
total_steps: 200000
total_time: 138.4512996673584
value_loss: 59.39039366795466


===== ppo Training Iteration 10 =====:
adv_mean: 2.3815512657165527
entropy: 0.53110685081054
episode_reward: 415.21
frame_per_second: 1455
grad_norm: 86.48286545826839
iteration: 10
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.0025231875085200257
ratio: 1.0004668497886413
total_episodes: 2420
total_loss: 76.12831389598357
```

```
  total_steps: 220000
  total_time: 151.19837880134583
  value_loss: 76.13083702478653


Trainer is saved at <c:\Users\Admin\Documents\cs260r-assignment-2025winter\assig
nment3\CartPole-v1\ppo\checkpoint-iter10.pkl>. Progress is saved at <c:\Users\Ad
min\Documents\cs260r-assignment-2025winter\assignment3\CartPole-v1\ppo\progress.
csv>.

 ===== ppo Training Iteration 11 =====:
  adv_mean: 1.7295873165130615
  entropy: 0.5197424094264324
  episode_reward: 443.63
  frame_per_second: 1465
  grad_norm: 83.92434832010514
  iteration: 11
  log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
  policy_loss: -0.0038527157590485727
  ratio: 0.9983546947821592
  total_episodes: 2463
  total_loss: 86.03309782468355
  total_steps: 240000
  total_time: 163.7918186187744
  value_loss: 86.03695057110909


 ===== ppo Training Iteration 12 =====:
  adv_mean: 1.3464561700820923
  entropy: 0.5175923965680294
  episode_reward: 467.94
  frame_per_second: 1472
  grad_norm: 86.17529848538912
  iteration: 12
  log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
  policy_loss: -0.0016427167768900592
  ratio: 1.000009963222039
  total_episodes: 2504
  total_loss: 91.59338306769347
  total_steps: 260000
  total_time: 176.54438948631287
  value_loss: 91.5950257619222


 ===== ppo Training Iteration 13 =====:
  adv_mean: 0.6905569434165955
  entropy: 0.5136956897301551
```

```
episode_reward: 487.71
frame_per_second: 1478
grad_norm: 72.13820686829396
iteration: 13
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.0017153173941784562
ratio: 0.9998789369295805
total_episodes: 2544
total_loss: 100.02329124059433
total_steps: 280000
total_time: 189.34766364097595
value_loss: 100.02500648743067


 ===== ppo Training Iteration 14 =====:
adv_mean: 0.17370158433914185
entropy: 0.5039704210483111
episode_reward: 498.91
frame_per_second: 1487
grad_norm: 71.16864357728224
iteration: 14
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.0016085956627741838
ratio: 1.0000775177509358
total_episodes: 2584
total_loss: 111.39452076447316
total_steps: 300000
total_time: 201.61612010002136
value_loss: 111.39612943698198


 ===== ppo Training Iteration 15 =====:
adv_mean: 0.0024518310092389584
entropy: 0.4711626118574387
episode_reward: 499.83
frame_per_second: 1499
grad_norm: 70.17717073513911
iteration: 15
log_dir: c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\Car
tPole-v1\ppo
policy_loss: -0.001102644138229199
ratio: 0.9994311347985879
total_episodes: 2624
total_loss: 112.06761387556027
total_steps: 320000
total_time: 213.4462695121765
```

```
value_loss: 112.06871644044534
```

```
  0%|              | 0/300000 [00:00<?, ?it/s]
  7%|          | 20000/300000 [00:15<03:32, 1317.94it/s]
 13%|          | 40000/300000 [00:29<03:08, 1380.12it/s]
 13%|          | 40000/300000 [00:40<03:08, 1380.12it/s]
 20%|          | 60000/300000 [00:42<02:48, 1426.56it/s]
 27%|         | 80000/300000 [00:57<02:37, 1396.25it/s]
 27%|         | 80000/300000 [01:10<02:37, 1396.25it/s]
 33%|        | 100000/300000 [01:11<02:22, 1401.80it/s]
 40%|        | 120000/300000 [01:25<02:05, 1430.51it/s]
 47%|       | 140000/300000 [01:37<01:48, 1468.11it/s]
 47%|       | 140000/300000 [01:50<01:48, 1468.11it/s]
 53%|      | 160000/300000 [01:50<01:33, 1504.29it/s]
 60%|      | 180000/300000 [02:03<01:18, 1529.78it/s]
 67%|     | 200000/300000 [02:15<01:04, 1555.35it/s]
 73%|    | 220000/300000 [02:28<00:51, 1559.24it/s]
 73%|    | 220000/300000 [02:40<00:51, 1559.24it/s]
 80%|    | 240000/300000 [02:40<00:38, 1568.18it/s]
 87%|   | 260000/300000 [02:53<00:25, 1568.22it/s]
 93%|  | 280000/300000 [03:06<00:12, 1566.37it/s]
100%|  | 300000/300000 [03:18<00:00, 1585.11it/s]
100%|  | 300000/300000 [03:30<00:00, 1585.11it/s]
320000it [03:30, 1615.41it/s]
320000it [03:30, 1520.42it/s]
```

```python
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

ppo_progress = pd.read_csv("CartPole-v1/ppo/progress.csv")
plt.figure(dpi=300)
sns.set("notebook", "darkgrid")
ax = sns.lineplot(
    data=ppo_progress,
    x="total_steps",
    y="episode_reward"
)
ax.set_title("PPO agent in CartPole-v1")
ax.set_ylabel("Episode Reward Mean")
ax.set_xlabel("Sampled Steps")

# You should remove this line in your code:
# ax.annotate("REFERENCE", (ax.get_xlim()[1] / 10, ax.get_ylim()[1]*6/10),
  →size=50, alpha=0.05)
```

```
ax.ticklabel_format(style='sci', scilimits=(0,0), axis='x')

plt.savefig('cartpole-ppo.png', format='png', dpi=300, bbox_inches="tight")
```

PPO agent in CartPole-v1
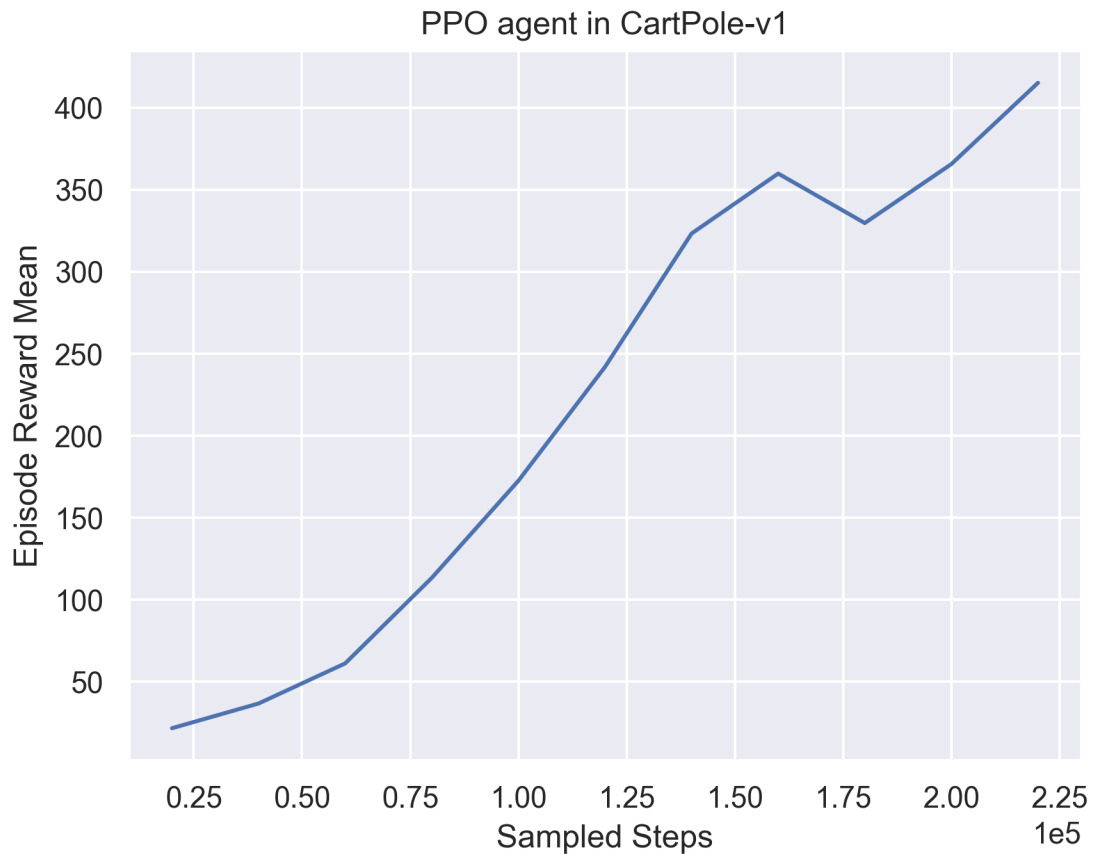
1.4.2 Demo 3.2: Train and play with the PPO agent in MetaDrive Hard Env.

```
[18]: !python train_ppo.py \
    --env-id MetaDrive-Tut-Hard-v0 \
    --log-dir MetaDrive-Tut-Hard-v0 \
    --num-envs 10 \
    --max-steps 1_000_000
```

c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core

[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000

```
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
```

```
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20


  0%|           | 0/1000000 [00:00<?, ?it/s][INFO] Episode ended!
Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: max step
[INFO] Episode ended! Scenario Index: 1014 Reason: max step
```

```
[INFO] Episode ended! Scenario Index: 1002 Reason: max step
[INFO] Episode ended! Scenario Index: 1005 Reason: max step
[INFO] Episode ended! Scenario Index: 1005 Reason: max step
[INFO] Episode ended! Scenario Index: 1004 Reason: max step
[INFO] Episode ended! Scenario Index: 1003 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: max step
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: max step
[INFO] Episode ended! Scenario Index: 1011 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: max step
[INFO] Episode ended! Scenario Index: 1012 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: max step
[INFO] Episode ended! Scenario Index: 1019 Reason: max step
[INFO] Episode ended! Scenario Index: 1005 Reason: max step
[INFO] Episode ended! Scenario Index: 1003 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: max step

  2%|           | 20000/1000000 [00:33<27:17, 598.48it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: max step
[INFO] Episode ended! Scenario Index: 1017 Reason: max step
[INFO] Episode ended! Scenario Index: 1006 Reason: max step
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1005 Reason: max step
[INFO] Episode ended! Scenario Index: 1004 Reason: max step
[INFO] Episode ended! Scenario Index: 1005 Reason: max step

  2%|           | 20000/1000000 [00:50<27:17, 598.48it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: max step
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1009 Reason: max step
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: max step
[INFO] Episode ended! Scenario Index: 1014 Reason: max step
[INFO] Episode ended! Scenario Index: 1010 Reason: max step
[INFO] Episode ended! Scenario Index: 1019 Reason: max step

  4%|           | 40000/1000000 [01:09<27:49, 574.87it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: max step
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: max step
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
```

```
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: max step
[INFO] Episode ended! Scenario Index: 1019 Reason: max step

  4%|            | 40000/1000000 [01:20<27:49, 574.87it/s][INFO] Episode
ended! Scenario Index: 1015 Reason: max step
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: max step
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: max step
[INFO] Episode ended! Scenario Index: 1000 Reason: max step
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: max step
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.

  6%|            | 60000/1000000 [01:50<29:28, 531.38it/s][INFO] Episode
ended! Scenario Index: 1005 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: max step
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: max step
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: max step
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1015 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: max step


  6%|              | 60000/1000000 [02:10<29:28, 531.38it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.


  8%|              | 80000/1000000 [02:28<29:10, 525.68it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.


  8%|              | 80000/1000000 [02:40<29:10, 525.68it/s][INFO] Episode
ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: max step
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1012 Reason: max step
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: max step
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: max step
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.

 10%|          | 100000/1000000 [03:22<32:43, 458.48it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: max step
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.

 10%|          | 100000/1000000 [03:40<32:43, 458.48it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: max step
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.

 12%|          | 120000/1000000 [04:06<32:09, 456.16it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 12%|          | 120000/1000000 [04:20<32:09, 456.16it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: max step
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: max step
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 14%|          | 140000/1000000 [04:47<30:47, 465.41it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 14%|          | 140000/1000000 [05:00<30:47, 465.41it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
```

```
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.

 16%|          | 160000/1000000 [05:29<29:49, 469.51it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.

 16%|          | 160000/1000000 [05:40<29:49, 469.51it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.

 18%|          | 180000/1000000 [06:11<29:00, 471.19it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 18%| | 180000/1000000 [06:30<29:00, 471.19it/s][INFO] Episode
ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.

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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.

 20%|            | 200000/1000000 [06:54<28:22, 469.88it/s][INFO] Episode
ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 20%|          | 200000/1000000 [07:10<28:22, 469.88it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.

 22%|          | 220000/1000000 [07:40<28:19, 458.84it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.

 22%|          | 220000/1000000 [08:00<28:19, 458.84it/s][INFO] Episode
ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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 24%|          | 240000/1000000 [08:28<28:28, 444.92it/s][INFO] Episode
ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.

 24%|          | 240000/1000000 [08:40<28:28, 444.92it/s][INFO] Episode
ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.

 26%|          | 260000/1000000 [09:15<28:07, 438.63it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.

 26%|         | 260000/1000000 [09:30<28:07, 438.63it/s][INFO] Episode
ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 28%|          | 280000/1000000 [10:03<27:46, 431.97it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.

 28%|          | 280000/1000000 [10:20<27:46, 431.97it/s][INFO] Episode
ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.

 30%|          | 300000/1000000 [10:51<27:16, 427.72it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle

 30%|          | 300000/1000000 [11:10<27:16, 427.72it/s][INFO] Episode
ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.

 32%|        | 320000/1000000 [11:38<26:35, 426.20it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.

 32%|         | 320000/1000000 [11:50<26:35, 426.20it/s][INFO] Episode
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.

 34%|         | 340000/1000000 [12:23<25:23, 433.08it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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 34%|         | 340000/1000000 [12:40<25:23, 433.08it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.

 36%|          | 360000/1000000 [13:10<24:44, 431.06it/s][INFO] Episode
ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle

 36%|          | 360000/1000000 [13:20<24:44, 431.06it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.

 38%|          | 380000/1000000 [13:58<24:20, 424.55it/s][INFO] Episode
ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.

 38%|          | 380000/1000000 [14:10<24:20, 424.55it/s][INFO] Episode
ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.

 40%|        | 400000/1000000 [14:45<23:28, 425.91it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle

 40%|        | 400000/1000000 [15:00<23:28, 425.91it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 42%|        | 420000/1000000 [15:35<23:12, 416.64it/s][INFO] Episode
ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.

 42%|          | 420000/1000000 [15:50<23:12, 416.64it/s][INFO] Episode
ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle

 44%|        | 440000/1000000 [16:24<22:32, 414.05it/s][INFO] Episode
ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.

 44%|        | 440000/1000000 [16:40<22:32, 414.05it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.

 46%|         | 460000/1000000 [17:13<21:45, 413.59it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
```

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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle

 46%|        | 460000/1000000 [17:30<21:45, 413.59it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
```

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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 48%|        | 480000/1000000 [18:01<20:58, 413.11it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.


 48%|          | 480000/1000000 [18:20<20:58, 413.11it/s][INFO] Episode
ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.

 50%|        | 500000/1000000 [18:49<20:02, 415.87it/s][INFO] Episode
ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.

 50%|        | 500000/1000000 [19:00<20:02, 415.87it/s][INFO] Episode
ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: arrive_dest.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.

 52%|          | 520000/1000000 [19:36<19:09, 417.65it/s][INFO] Episode
ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.

 52%|        | 520000/1000000 [19:50<19:09, 417.65it/s][INFO] Episode
ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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 54%|          | 540000/1000000 [20:30<19:03, 402.28it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 54%|          | 540000/1000000 [20:41<19:03, 402.28it/s][INFO] Episode
ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle


 56%|        | 560000/1000000 [21:19<18:09, 403.94it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.

 56%|        | 560000/1000000 [21:31<18:09, 403.94it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.

 58%|        | 580000/1000000 [22:12<17:37, 397.04it/s][INFO] Episode
ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle

 58%|        | 580000/1000000 [22:31<17:37, 397.04it/s][INFO] Episode
ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle

 60%|        | 600000/1000000 [23:03<16:51, 395.33it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 60%|        | 600000/1000000 [23:21<16:51, 395.33it/s][INFO] Episode
ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.

 62%|        | 620000/1000000 [23:51<15:46, 401.55it/s][INFO] Episode
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ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.

 62%|        | 620000/1000000 [24:01<15:46, 401.55it/s][INFO] Episode
ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.

 64%|        | 640000/1000000 [24:39<14:47, 405.79it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle


 64%|        | 640000/1000000 [24:51<14:47, 405.79it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle

 66%|        | 660000/1000000 [25:26<13:49, 409.81it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle


 66%|        | 660000/1000000 [25:41<13:49, 409.81it/s][INFO] Episode
ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.


 68%|        | 680000/1000000 [26:15<12:59, 410.61it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle

 68%|        | 680000/1000000 [26:31<12:59, 410.61it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.

 70%|        | 700000/1000000 [27:03<12:06, 412.82it/s][INFO] Episode
ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.

 70%|        | 700000/1000000 [27:21<12:06, 412.82it/s][INFO] Episode
ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.

 72%|        | 720000/1000000 [27:50<11:13, 415.70it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
```

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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 72%|        | 720000/1000000 [28:01<11:13, 415.70it/s][INFO] Episode
ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.

 74%|        | 740000/1000000 [28:38<10:25, 415.96it/s][INFO] Episode
ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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 74%|        | 740000/1000000 [28:51<10:25, 415.96it/s][INFO] Episode
ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.

 76%|        | 760000/1000000 [29:26<09:35, 416.88it/s][INFO] Episode
ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
```

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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.

 76%|        | 760000/1000000 [29:41<09:35, 416.88it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
```

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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle

 78%|        | 780000/1000000 [30:13<08:46, 418.16it/s][INFO] Episode
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle

 78%|       | 780000/1000000 [30:31<08:46, 418.16it/s][INFO] Episode
ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle

 80%|        | 800000/1000000 [31:00<07:56, 420.09it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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 80%|        | 800000/1000000 [31:11<07:56, 420.09it/s][INFO] Episode
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.

 82%|      | 820000/1000000 [31:48<07:07, 420.73it/s][INFO] Episode
ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.

 82%|        | 820000/1000000 [32:01<07:07, 420.73it/s][INFO] Episode
ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.

 84%|        | 840000/1000000 [32:35<06:19, 421.68it/s][INFO] Episode
ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.

 84%|       | 840000/1000000 [32:51<06:19, 421.68it/s][INFO] Episode
ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.

 86%|      | 860000/1000000 [33:22<05:32, 421.59it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.


 86%|       | 860000/1000000 [33:41<05:32, 421.59it/s][INFO] Episode
ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle


 88%|      | 880000/1000000 [34:11<04:46, 418.32it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle


 88%|       | 880000/1000000 [34:21<04:46, 418.32it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: arrive_dest.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.

 90%|        | 900000/1000000 [35:00<04:00, 415.32it/s][INFO] Episode
ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle

 90%|        | 900000/1000000 [35:11<04:00, 415.32it/s][INFO] Episode
ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
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 92%| | 920000/1000000 [35:49<03:13, 413.56it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: out_of_road.

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[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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 92%|        | 920000/1000000 [36:01<03:13, 413.56it/s][INFO] Episode
ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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```
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle


 94%|      | 940000/1000000 [36:38<02:25, 412.40it/s][INFO] Episode
ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.

 94%|      | 940000/1000000 [36:51<02:25, 412.40it/s][INFO] Episode
ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle

 96%|      | 960000/1000000 [37:27<01:37, 410.95it/s][INFO] Episode
ended! Scenario Index: 1012 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
```

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[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.

 96%|      | 960000/1000000 [37:41<01:37, 410.95it/s][INFO] Episode
ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle

 98%|      | 980000/1000000 [38:13<00:47, 417.79it/s][INFO] Episode
ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle

 98%|     | 980000/1000000 [38:31<00:47, 417.79it/s][INFO] Episode
ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.

100%|        | 1000000/1000000 [39:02<00:00, 415.19it/s][INFO] Episode
ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.

100%|      | 1000000/1000000 [39:21<00:00, 415.19it/s][INFO] Episode
ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
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[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1005 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
```

```
[INFO] Episode ended! Scenario Index: 1014 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1015 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle

1020000it [39:50, 414.03it/s]
1020000it [39:50, 426.65it/s]


Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Start training!
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
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Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
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'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
```

```
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']

 ===== ppo Training Iteration 0 =====:
  adv_mean: 0.15893812477588654
  entropy: 2.7697850481057777
  episode_reward: 8.696733586426019
  frame_per_second: 532
  grad_norm: 1.0324745737589323
  iteration: 0
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.015310559125963408
  ratio: 1.0005055899039292
  success_rate: 0.0
  total_episodes: 20
  total_loss: 0.03251583390296078
  total_steps: 20000
  total_time: 37.5765905380249
  value_loss: 0.04782639297370154

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter0.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\progress.csv>.

 ===== ppo Training Iteration 1 =====:
  adv_mean: 0.22378939390182495
  entropy: 2.722475115458171
  episode_reward: 10.555017565496248
  frame_per_second: 545
```

```
  grad_norm: 1.1587602375027461
  iteration: 1
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.013335705816578598
  ratio: 1.000473363353656
  success_rate: 0.0
  total_episodes: 42
  total_loss: 0.08118551702787861
  total_steps: 40000
  total_time: 73.33875226974487
  value_loss: 0.09452122306355681


 ===== ppo Training Iteration 2 =====:
  adv_mean: 0.25357455015182495
  entropy: 2.6280397405991187
  episode_reward: 10.48836348453759
  frame_per_second: 524
  grad_norm: 1.4946618561943372
  iteration: 2
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.009094066353729712
  ratio: 0.9997981558243434
  success_rate: 0.0
  total_episodes: 74
  total_loss: 0.3234614543998853
  total_steps: 60000
  total_time: 114.36521911621094
  value_loss: 0.3325555201333303


 ===== ppo Training Iteration 3 =====:
  adv_mean: 0.3314647376537323
  entropy: 2.5668575366338096
  episode_reward: 12.868045056312397
  frame_per_second: 522
  grad_norm: 1.807570918630331
  iteration: 3
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.009675627859691397
  ratio: 0.9980129311482112
  success_rate: 0.0
```

```
  total_episodes: 106
  total_loss: 0.4428851161438685
  total_steps: 80000
  total_time: 153.03752660751343
  value_loss: 0.45256074505547683


 ===== ppo Training Iteration 4 =====:
  adv_mean: 0.5600343346595764
  entropy: 2.460848311583201
  episode_reward: 17.16580608195459
  frame_per_second: 484
  grad_norm: 2.256459745210715
  iteration: 4
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.009425511313244128
  ratio: 1.000111852853726
  success_rate: 0.0
  total_episodes: 145
  total_loss: 0.6824503422165529
  total_steps: 100000
  total_time: 206.54643774032593
  value_loss: 0.6918758555482596


 ===== ppo Training Iteration 5 =====:
  adv_mean: 0.6436170935630798
  entropy: 2.371690212151943
  episode_reward: 21.524352113299766
  frame_per_second: 478
  grad_norm: 3.6559932702626936
  iteration: 5
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.009354088997516113
  ratio: 1.0008268914925746
  success_rate: 0.0
  total_episodes: 205
  total_loss: 1.3454577507881018
  total_steps: 120000
  total_time: 250.82181215286255
  value_loss: 1.3548118422428768


 ===== ppo Training Iteration 6 =====:
```

```
adv_mean: 0.8377015590667725
entropy: 2.328560474897042
episode_reward: 20.831802971313984
frame_per_second: 479
grad_norm: 6.582741456918227
iteration: 6
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: -0.008822247777014779
ratio: 1.0009171796150698
success_rate: 0.0
total_episodes: 276
total_loss: 2.0327411914483093
total_steps: 140000
total_time: 292.0001094341278
value_loss: 2.0415634386814556


===== ppo Training Iteration 7 =====:
adv_mean: 1.2478811740875244
entropy: 2.2405825981727014
episode_reward: 30.107041158874775
frame_per_second: 479
grad_norm: 13.341524418042257
iteration: 7
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: -0.010601807312251856
ratio: 1.0014493509744986
success_rate: 0.0
total_episodes: 348
total_loss: 2.7745906337713584
total_steps: 160000
total_time: 333.79602909088135
value_loss: 2.7851924448441236


===== ppo Training Iteration 8 =====:
adv_mean: 1.6386144161224365
entropy: 2.0911079296698936
episode_reward: 37.18077820190481
frame_per_second: 478
grad_norm: 20.487649347843266
iteration: 8
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
```

```
Hard-v0\ppo
  policy_loss: -0.0066918375585467
  ratio: 1.0000297183409714
  success_rate: 0.0
  total_episodes: 445
  total_loss: 7.638481367245698
  total_steps: 180000
  total_time: 375.906210899353
  value_loss: 7.645173209752792


 ===== ppo Training Iteration 9 =====:
  adv_mean: 2.368950128555298
  entropy: 1.9713052054246267
  episode_reward: 48.699047152920315
  frame_per_second: 477
  grad_norm: 34.029939693671004
  iteration: 9
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.007817953285904457
  ratio: 0.9984582408116414
  success_rate: 0.0
  total_episodes: 548
  total_loss: 10.462739330682998
  total_steps: 200000
  total_time: 418.73403882980347
  value_loss: 10.470557289857132


 ===== ppo Training Iteration 10 =====:
  adv_mean: 3.4585695266723633
  entropy: 1.8305716357170008
  episode_reward: 62.014808993950645
  frame_per_second: 473
  grad_norm: 51.72893920067029
  iteration: 10
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.004763323708604544
  ratio: 1.000016896464886
  success_rate: 0.0
  total_episodes: 674
  total_loss: 21.33725705635853
  total_steps: 220000
  total_time: 464.6344292163849
```

```
value_loss: 21.342020379579985

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter10.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\progress.csv>.

 ===== ppo Training Iteration 11 =====:
 adv_mean: 4.369524955749512
 entropy: 1.7989444381151445
 episode_reward: 90.56782721191831
 frame_per_second: 468
 grad_norm: 77.3815064063439
 iteration: 11
 log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
 policy_loss: -0.004213356351456008
 ratio: 0.9996728523419454
 success_rate: 0.0
 total_episodes: 775
 total_loss: 25.537873848890648
 total_steps: 240000
 total_time: 512.7150371074677
 value_loss: 25.54208722725893


 ===== ppo Training Iteration 12 =====:
 adv_mean: 4.205987930297852
 entropy: 1.701548648950381
 episode_reward: 99.61840523711308
 frame_per_second: 464
 grad_norm: 98.19090946393135
 iteration: 12
 log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
 policy_loss: -0.004074583431849113
 ratio: 0.9996044786312641
 success_rate: 0.0
 total_episodes: 883
 total_loss: 35.51705816709078
 total_steps: 260000
 total_time: 559.7945909500122
 value_loss: 35.52113276995146
```

```
 ===== ppo Training Iteration 13 =====:
 adv_mean: 4.711177825927734
 entropy: 1.5952981306956364
 episode_reward: 109.97311995479427
 frame_per_second: 460
 grad_norm: 142.31771541497648
 iteration: 13
 log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
 policy_loss: -0.0013708695429019058
 ratio: 0.9995714014157271
 success_rate: 0.0
 total_episodes: 997
 total_loss: 50.43176474938026
 total_steps: 280000
 total_time: 607.7178580760956
 value_loss: 50.43313554372543


 ===== ppo Training Iteration 14 =====:
 adv_mean: 4.042733669281006
 entropy: 1.556908672589522
 episode_reward: 111.81299608221696
 frame_per_second: 457
 grad_norm: 186.38059569138747
 iteration: 14
 log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
 policy_loss: -0.00287807134923358
 ratio: 1.0000264243437693
 success_rate: 0.0
 total_episodes: 1110
 total_loss: 54.09511126493796
 total_steps: 300000
 total_time: 655.5432696342468
 value_loss: 54.09798935132149


 ===== ppo Training Iteration 15 =====:
 adv_mean: 3.868597984313965
 entropy: 1.4279832060520465
 episode_reward: 113.65359751236144
 frame_per_second: 455
 grad_norm: 230.98685768323068
 iteration: 15
 log_dir:
```

```
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.002619938339250019
  ratio: 0.9999106258153916
  success_rate: 0.0
  total_episodes: 1235
  total_loss: 62.773812470069295
  total_steps: 320000
  total_time: 702.8594026565552
  value_loss: 62.77643252641727


 ===== ppo Training Iteration 16 =====:
  adv_mean: 3.4465432167053223
  entropy: 1.3966459087836436
  episode_reward: 114.10467206419855
  frame_per_second: 454
  grad_norm: 285.13575744628906
  iteration: 16
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.0017275066586593406
  ratio: 0.9995095612911078
  success_rate: 0.0
  total_episodes: 1358
  total_loss: 67.54943646651049
  total_steps: 340000
  total_time: 747.3073351383209
  value_loss: 67.55116392771403


 ===== ppo Training Iteration 17 =====:
  adv_mean: 3.0545358657836914
  entropy: 1.3249015176907564
  episode_reward: 122.85809755193822
  frame_per_second: 453
  grad_norm: 357.49475377400717
  iteration: 17
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.0012803587435673064
  ratio: 0.9991656664090279
  success_rate: 0.0
  total_episodes: 1483
  total_loss: 73.3028194134052
  total_steps: 360000
```

```
    total_time: 794.2070734500885
    value_loss: 73.30409970894839


  ===== ppo Training Iteration 18 =====:
   adv_mean: 2.8554375171661377
   entropy: 1.2010297494056896
   episode_reward: 121.74030734661287
   frame_per_second: 450
   grad_norm: 435.22648716461964
   iteration: 18
   log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
   policy_loss: -0.0020763257428860434
   ratio: 0.999949934772956
   success_rate: 0.0
   total_episodes: 1619
   total_loss: 85.44056834196434
   total_steps: 380000
   total_time: 842.9742865562439
   value_loss: 85.44264471592048


  ===== ppo Training Iteration 19 =====:
   adv_mean: 1.5509034395217896
   entropy: 1.161523764867049
   episode_reward: 116.30881603517815
   frame_per_second: 449
   grad_norm: 549.8540368495843
   iteration: 19
   log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
   policy_loss: -0.0011068346802718364
   ratio: 0.9997408075210376
   success_rate: 0.0
   total_episodes: 1765
   total_loss: 94.21940444555038
   total_steps: 400000
   total_time: 889.5810170173645
   value_loss: 94.2205112408369


  ===== ppo Training Iteration 20 =====:
   adv_mean: 1.5753374099731445
   entropy: 1.1024972684872456
   episode_reward: 117.2894823141187
```

```
  frame_per_second: 446
  grad_norm: 559.5917807163337
  iteration: 20
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0008211328409230097
  ratio: 0.9997234305510154
  success_rate: 0.0
  total_episodes: 1911
  total_loss: 97.61420219617013
  total_steps: 420000
  total_time: 940.0093111991882
  value_loss: 97.6133810825837

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter20.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\progress.csv>.

 ===== ppo Training Iteration 21 =====:
  adv_mean: 1.562860131263733
  entropy: 1.0651215400451268
  episode_reward: 121.38221963306738
  frame_per_second: 444
  grad_norm: 600.4214387746957
  iteration: 21
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0010869625179717938
  ratio: 1.0001026148215317
  success_rate: 0.0
  total_episodes: 2055
  total_loss: 87.174840428279
  total_steps: 440000
  total_time: 989.0242087841034
  value_loss: 87.17375340094934


 ===== ppo Training Iteration 22 =====:
  adv_mean: 1.9033446311950684
  entropy: 1.05012320685081
  episode_reward: 131.40482398352043
  frame_per_second: 443
  grad_norm: 685.7462913317559
  iteration: 22
```

```
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0003175391529041987
  ratio: 1.0002679479427827
  success_rate: 0.0
  total_episodes: 2197
  total_loss: 87.53967740474603
  total_steps: 460000
  total_time: 1037.5051493644714
  value_loss: 87.53935978718293


 ===== ppo Training Iteration 23 =====:
  adv_mean: 0.5179618000984192
  entropy: 1.0458986115761293
  episode_reward: 117.2743173518773
  frame_per_second: 441
  grad_norm: 747.7814006707607
  iteration: 23
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0009341051363242933
  ratio: 0.999640975625087
  success_rate: 0.0
  total_episodes: 2346
  total_loss: 96.93954694209954
  total_steps: 480000
  total_time: 1086.0511724948883
  value_loss: 96.93861274719238


 ===== ppo Training Iteration 24 =====:
  adv_mean: 1.7156468629837036
  entropy: 0.9809121606441644
  episode_reward: 124.77550162906236
  frame_per_second: 441
  grad_norm: 762.5643440637833
  iteration: 24
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.00044257678390026856
  ratio: 0.9989531041719975
  success_rate: 0.0
  total_episodes: 2486
  total_loss: 77.55814162034255
```

```
  total_steps: 500000
  total_time: 1133.3937253952026
  value_loss: 77.55769899808443



 ===== ppo Training Iteration 25 =====:
  adv_mean: 1.321205973625183
  entropy: 0.9291484533976286
  episode_reward: 137.45783330660248
  frame_per_second: 440
  grad_norm: 928.8068102714343
  iteration: 25
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0018009547776996326
  ratio: 1.0000596164128719
  success_rate: 0.02
  total_episodes: 2628
  total_loss: 84.10368181375357
  total_steps: 520000
  total_time: 1180.8032367229462
  value_loss: 84.10188085115873



 ===== ppo Training Iteration 26 =====:
  adv_mean: 1.0413181781768799
  entropy: 0.9040822679415728
  episode_reward: 136.00094835689592
  frame_per_second: 437
  grad_norm: 963.3604522313827
  iteration: 26
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.001170290178523805
  ratio: 0.9998653129125252
  success_rate: 0.0
  total_episodes: 2773
  total_loss: 87.54250642336332
  total_steps: 540000
  total_time: 1234.7870464324951
  value_loss: 87.54133617205497



 ===== ppo Training Iteration 27 =====:
  adv_mean: 0.49023348093032837
  entropy: 0.8561426236843451
```

```
  episode_reward: 124.68678621591846
  frame_per_second: 436
  grad_norm: 1011.3346094767253
  iteration: 27
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.0003734847268041892
  ratio: 0.9992623719649437
  success_rate: 0.0
  total_episodes: 2925
  total_loss: 92.36061242910532
  total_steps: 560000
  total_time: 1283.8226306438446
  value_loss: 92.36098584395188


 ===== ppo Training Iteration 28 =====:
  adv_mean: 0.5052575469017029
  entropy: 0.8686931571899317
  episode_reward: 125.06562743101638
  frame_per_second: 434
  grad_norm: 1141.4108036530324
  iteration: 28
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.001935682764563423
  ratio: 0.9993170100144851
  success_rate: 0.0
  total_episodes: 3078
  total_loss: 95.25466883732723
  total_steps: 580000
  total_time: 1336.2045986652374
  value_loss: 95.25273307409041


 ===== ppo Training Iteration 29 =====:
  adv_mean: 1.0904918909072876
  entropy: 0.8756973718985533
  episode_reward: 129.35751950922153
  frame_per_second: 432
  grad_norm: 1145.287903105907
  iteration: 29
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0005285567771165799
```

```
  ratio: 0.9997172761421937
  success_rate: 0.0
  total_episodes: 3226
  total_loss: 94.60938741243802
  total_steps: 600000
  total_time: 1387.3013138771057
  value_loss: 94.6088588763506


 ===== ppo Training Iteration 30 =====:
  adv_mean: 0.9127435088157654
  entropy: 0.8624210426440606
  episode_reward: 130.45169401314243
  frame_per_second: 431
  grad_norm: 1186.9078743567834
  iteration: 30
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0014008795872378426
  ratio: 0.99839644409143
  success_rate: 0.0
  total_episodes: 3375
  total_loss: 81.50985510410406
  total_steps: 620000
  total_time: 1435.2737214565277
  value_loss: 81.50845431303367

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter30.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\progress.csv>.

 ===== ppo Training Iteration 31 =====:
  adv_mean: 0.7923306822776794
  entropy: 0.8234334146365141
  episode_reward: 131.14428865035634
  frame_per_second: 431
  grad_norm: 1215.1578956799628
  iteration: 31
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0023126947783076992
  ratio: 0.9996244532175553
  success_rate: 0.0
  total_episodes: 3526
```

```
  total_loss: 86.48153761839255
  total_steps: 640000
  total_time: 1483.352445602417
  value_loss: 86.47922498262845


 ===== ppo Training Iteration 32 =====:
  adv_mean: 1.133743166923523
  entropy: 0.7532585885280217
  episode_reward: 136.07331958478053
  frame_per_second: 431
  grad_norm: 1337.5721260266425
  iteration: 32
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0009068259909653511
  ratio: 0.9992733852985578
  success_rate: 0.0
  total_episodes: 3677
  total_loss: 98.45435677552834
  total_steps: 660000
  total_time: 1531.0291378498077
  value_loss: 98.45344992417556


 ===== ppo Training Iteration 33 =====:
  adv_mean: 1.176138997077942
  entropy: 0.6792472114929786
  episode_reward: 136.7641680388203
  frame_per_second: 430
  grad_norm: 1479.2476024529872
  iteration: 33
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0022816279876189164
  ratio: 0.9997182294344291
  success_rate: 0.0
  total_episodes: 3828
  total_loss: 86.22718459887382
  total_steps: 680000
  total_time: 1579.5130698680878
  value_loss: 86.22490303822053


 ===== ppo Training Iteration 34 =====:
  adv_mean: 1.232023000717163
```

```
  entropy: 0.6646635580521364
  episode_reward: 135.30988304119217
  frame_per_second: 430
  grad_norm: 1434.4169884314904
  iteration: 34
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.00392083268170842
  ratio: 1.0003063874366955
  success_rate: 0.0
  total_episodes: 3983
  total_loss: 103.73951910459078
  total_steps: 700000
  total_time: 1627.3506033420563
  value_loss: 103.73559831961607


 ===== ppo Training Iteration 35 =====:
  adv_mean: 0.6049096584320068
  entropy: 0.6708178232113521
  episode_reward: 127.00582420422077
  frame_per_second: 429
  grad_norm: 1339.0134623209635
  iteration: 35
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.002249775357090701
  ratio: 0.9995219363616064
  success_rate: 0.0
  total_episodes: 4142
  total_loss: 91.89674683106252
  total_steps: 720000
  total_time: 1674.6808378696442
  value_loss: 91.89449702042799


 ===== ppo Training Iteration 36 =====:
  adv_mean: 0.6151262521743774
  entropy: 0.6715768533639419
  episode_reward: 128.53484581931315
  frame_per_second: 429
  grad_norm: 1550.0897612351637
  iteration: 36
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
```

```
policy_loss: -0.0011351743748841377
ratio: 0.9991088278018512
success_rate: 0.0
total_episodes: 4302
total_loss: 89.18305532504351
total_steps: 740000
total_time: 1722.6912276744843
value_loss: 89.18419048113701


===== ppo Training Iteration 37 =====:
adv_mean: -0.05221989005804062
entropy: 0.6378525420641288
episode_reward: 122.48598099489568
frame_per_second: 429
grad_norm: 1539.2405750763721
iteration: 37
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.000798678649470019
ratio: 0.9990734266164976
success_rate: 0.0
total_episodes: 4466
total_loss: 82.18809218284412
total_steps: 760000
total_time: 1770.4187383651733
value_loss: 82.18729358575283


===== ppo Training Iteration 38 =====:
adv_mean: 0.7743677496910095
entropy: 0.6058607080043891
episode_reward: 125.02201999712645
frame_per_second: 429
grad_norm: 1709.5277857071314
iteration: 38
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.0025171639761911373
ratio: 0.9999931156635284
success_rate: 0.0
total_episodes: 4624
total_loss: 88.26796302306346
total_steps: 780000
total_time: 1817.9069657325745
value_loss: 88.26544578258807
```

```
===== ppo Training Iteration 39 =====:
adv_mean: -0.36294570565223694
entropy: 0.6073212525019279
episode_reward: 122.23691755858043
frame_per_second: 428
grad_norm: 1834.1740303235176
iteration: 39
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.002369927719402581
ratio: 1.0001669127971697
success_rate: 0.0
total_episodes: 4786
total_loss: 84.82547427935478
total_steps: 800000
total_time: 1865.0010046958923
value_loss: 84.82310423728747


===== ppo Training Iteration 40 =====:
adv_mean: 0.17989033460617065
entropy: 0.6105930812083757
episode_reward: 123.45097821400883
frame_per_second: 428
grad_norm: 1756.1040995279948
iteration: 40
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: -0.0002976112694551165
ratio: 1.0001084541663146
success_rate: 0.0
total_episodes: 4947
total_loss: 88.59293968983185
total_steps: 820000
total_time: 1912.3599257469177
value_loss: 88.59323719709347

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter40.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\progress.csv>.

===== ppo Training Iteration 41 =====:
```

```
  adv_mean: 0.26354673504829407
  entropy: 0.5388729237593137
  episode_reward: 118.94470788363658
  frame_per_second: 428
  grad_norm: 1908.6727259318034
  iteration: 41
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.002040062095516194
  ratio: 1.0001089478914553
  success_rate: 0.0
  total_episodes: 5115
  total_loss: 91.63700441702818
  total_steps: 840000
  total_time: 1959.546966791153
  value_loss: 91.63496450766539


 ===== ppo Training Iteration 42 =====:
  adv_mean: 0.3174631893634796
  entropy: 0.5341009617998049
  episode_reward: 124.3958172967812
  frame_per_second: 428
  grad_norm: 1940.2250844710913
  iteration: 42
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.003224645929936415
  ratio: 1.0004827536833591
  success_rate: 0.0
  total_episodes: 5277
  total_loss: 101.52429078909067
  total_steps: 860000
  total_time: 2007.0128905773163
  value_loss: 101.52106624994522


 ===== ppo Training Iteration 43 =====:
  adv_mean: 0.5712101459503174
  entropy: 0.5994717262876339
  episode_reward: 125.85967397509897
  frame_per_second: 428
  grad_norm: 1904.7251149886695
  iteration: 43
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
```

```
Hard-v0\ppo
  policy_loss: -0.00048755292709057145
  ratio: 0.9998250978879439
  success_rate: 0.0
  total_episodes: 5435
  total_loss: 94.00128152798383
  total_steps: 880000
  total_time: 2055.686676979065
  value_loss: 94.0017691000914


 ===== ppo Training Iteration 44 =====:
  adv_mean: 1.1545789241790771
  entropy: 0.600934710410925
  episode_reward: 135.50458196123273
  frame_per_second: 427
  grad_norm: 1643.9432944664588
  iteration: 44
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0014415250607551292
  ratio: 1.001245012344458
  success_rate: 0.01
  total_episodes: 5593
  total_loss: 99.93969866434733
  total_steps: 900000
  total_time: 2104.6494493484497
  value_loss: 99.93825719295404


 ===== ppo Training Iteration 45 =====:
  adv_mean: 0.9790263175964355
  entropy: 0.5775783810860071
  episode_reward: 135.4143697993832
  frame_per_second: 427
  grad_norm: 1684.433218344664
  iteration: 45
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0014244835149162473
  ratio: 0.9994150795233555
  success_rate: 0.0
  total_episodes: 5748
  total_loss: 80.48325623243284
  total_steps: 920000
  total_time: 2153.488038301468
```

```
  value_loss: 80.48183177556747


 ===== ppo Training Iteration 46 =====:
  adv_mean: -0.24083107709884644
  entropy: 0.5983793707230152
  episode_reward: 129.80840471377857
  frame_per_second: 426
  grad_norm: 2132.665978964781
  iteration: 46
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: -0.00014514839575172235
  ratio: 1.0002659621911172
  success_rate: 0.0
  total_episodes: 5909
  total_loss: 88.43875820942414
  total_steps: 940000
  total_time: 2202.3020441532135
  value_loss: 88.43890347113977


 ===== ppo Training Iteration 47 =====:
  adv_mean: 0.7840365767478943
  entropy: 0.6252788446652584
  episode_reward: 128.2798686016731
  frame_per_second: 426
  grad_norm: 1820.786463615222
  iteration: 47
  log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
  policy_loss: 0.0007184807891742541
  ratio: 0.9997198312710494
  success_rate: 0.0
  total_episodes: 6068
  total_loss: 84.5890501560309
  total_steps: 960000
  total_time: 2251.3681421279907
  value_loss: 84.58833168714474


 ===== ppo Training Iteration 48 =====:
  adv_mean: -0.45436951518058777
  entropy: 0.5578380942726746
  episode_reward: 127.31745874575894
  frame_per_second: 426
```

```
grad_norm: 2206.309127651117
iteration: 48
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.005402001977348939
ratio: 0.9995260159174602
success_rate: 0.0
total_episodes: 6231
total_loss: 85.52285236456456
total_steps: 980000
total_time: 2297.380360841751
value_loss: 85.51745034242288


===== ppo Training Iteration 49 =====:
adv_mean: 0.4141065180301666
entropy: 0.5596995832064213
episode_reward: 130.00046806320944
frame_per_second: 426
grad_norm: 2163.4498747605544
iteration: 49
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.0001219147470039435
ratio: 0.998995475203563
success_rate: 0.0
total_episodes: 6391
total_loss: 86.12796429854173
total_steps: 1000000
total_time: 2346.251033306122
value_loss: 86.12784233093262


===== ppo Training Iteration 50 =====:
adv_mean: 0.6942201256752014
entropy: 0.5536105487973262
episode_reward: 134.00954214556938
frame_per_second: 425
grad_norm: 2056.128746854342
iteration: 50
log_dir:
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo
policy_loss: 0.0023981278678641103
ratio: 1.0000996676010963
success_rate: 0.0
```

```
total_episodes: 6548
total_loss: 97.1063854559874
total_steps: 1020000
total_time: 2394.862555503845
value_loss: 97.10398743458283
```

Trainer is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
Tut-Hard-v0\ppo\checkpoint-iter50.pkl>. Progress is saved at
<c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-
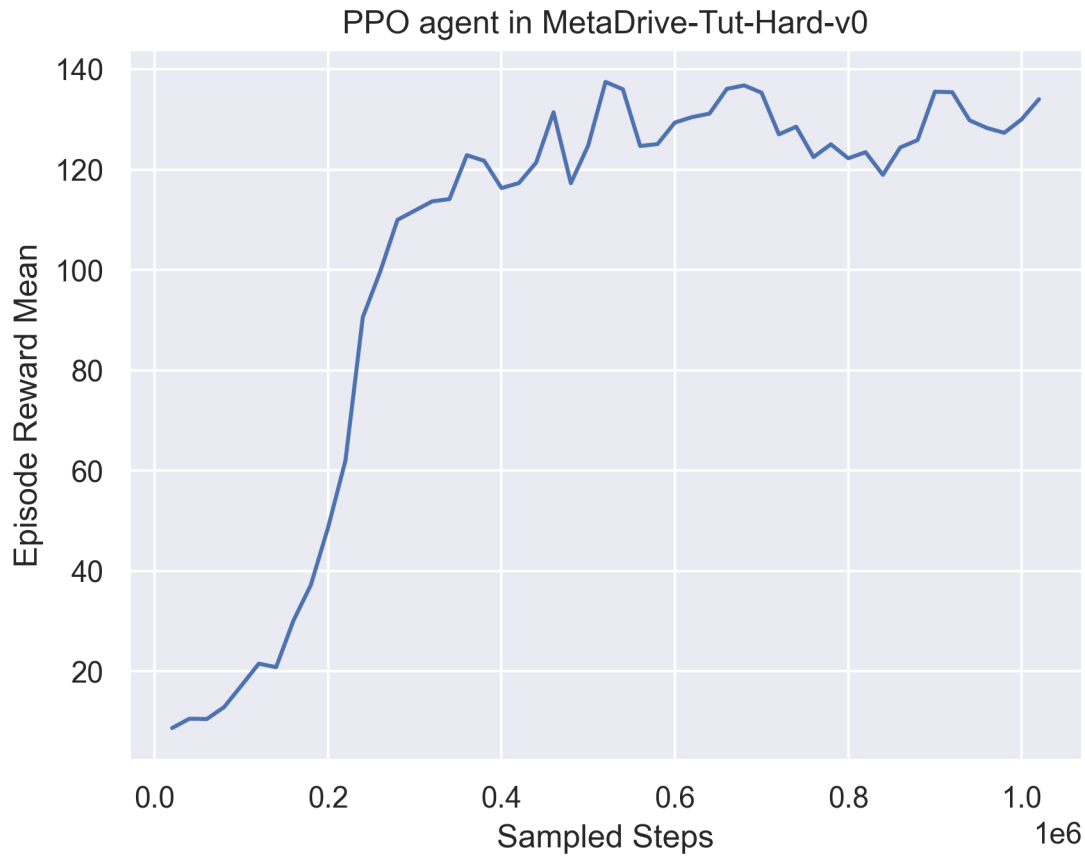Tut-Hard-v0\ppo\progress.csv>.

[26]:
```python
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

ppo_progress = pd.read_csv("MetaDrive-Tut-Hard-v0/ppo/progress.csv")
plt.figure(dpi=300)
sns.set("notebook", "darkgrid")
ax = sns.lineplot(
    data=ppo_progress,
    x="total_steps",
    y="episode_reward"
)
ax.set_title("PPO agent in MetaDrive-Tut-Hard-v0")
ax.set_ylabel("Episode Reward Mean")
ax.set_xlabel("Sampled Steps")

ax.ticklabel_format(style='sci', scilimits=(0,0), axis='x')

# TODO: Remove this line
# ax.annotate("REFERENCE", (0, ax.get_ylim()[1]*6/10), size=50, alpha=0.05)

plt.savefig('metadrive-hard-ppo.png', format='png', dpi=300,
  ↪bbox_inches="tight")
```

PPO agent in MetaDrive-Tut-Hard-v0

[figure: line plot titled "PPO agent in MetaDrive-Tut-Hard-v0". X-axis labeled "Sampled Steps" (1e6) ranging 0.0 to 1.0. Y-axis labeled "Episode Reward Mean" ranging ~20 to 140. The curve rises sharply from ~10 at 0.0 to ~110 at 0.3, then plateaus around 120–135.]

1.4.3 Demo 3.3: Evaluate PPO in MetaDrive

```
[21]: !python eval_ppo.py \
        --env-id="MetaDrive-Tut-Hard-v0" \
        --log-dir="MetaDrive-Tut-Hard-v0/ppo"
```

c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully load weights from
C:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-
Hard-v0\ppo\checkpoint-final.pkl!
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core

```
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
```

```
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully registered MetaDrive environments: ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Finished 10/50 episodes. Average episode reward: 136.337
Finished 20/50 episodes. Average episode reward: 124.369
Finished 30/50 episodes. Average episode reward: 136.927
Finished 40/50 episodes. Average episode reward: 136.794
Finished 50/50 episodes. Average episode reward: 141.582
The average return after running PPO agent for 50 episodes in MetaDrive-Tut-
Hard-v0 environment: 141.58228479157083.
Result is saved at: MetaDrive-Tut-Hard-v0/ppo/eval_results.csv

c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-Easy-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-Hard-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-1Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-5Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-10Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-20Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
```

packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-50Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-100Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
c:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding

environment MetaDrive-Tut-Test-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
c:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\core\ppo_train
er.py:202: FutureWarning: You are using `torch.load` with `weights_only=False`
(the current default value), which uses the default pickle module implicitly. It
is possible to construct malicious pickle data which will execute arbitrary code
during unpickling (See
https://github.com/pytorch/pytorch/blob/main/SECURITY.md#untrusted-models for
more details). In a future release, the default value for `weights_only` will be
flipped to `True`. This limits the functions that could be executed during
unpickling. Arbitrary objects will no longer be allowed to be loaded via this
mode unless they are explicitly allowlisted by the user via
`torch.serialization.add_safe_globals`. We recommend you start setting
`weights_only=True` for any use case where you don't have full control of the
loaded file. Please open an issue on GitHub for any issues related to this
experimental feature.
  state_dict = torch.load(save_path, torch.device('cpu') if not
torch.cuda.is_available() else None)
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]

```
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Assets version: 0.4.3
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Environment: MetaDriveEnv
```

```
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Assets version: 0.4.3
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Start Scenario Index: 1000, Num Scenarios : 20
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1010 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1007 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1000 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1014 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1001 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: out_of_road.
```

```
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1009 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1011 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1009 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1006 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1016 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1003 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1012 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1005 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1008 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1017 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1013 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1004 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1015 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle
[INFO] Episode ended! Scenario Index: 1019 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: out_of_road.
[INFO] Episode ended! Scenario Index: 1002 Reason: crash vehicle
```

```python
[2]: import pandas as pd
     import matplotlib.pyplot as plt
     import seaborn as sns

     ppo_eval = pd.read_csv("MetaDrive-Tut-Hard-v0/ppo/eval_results.csv")
     print("PPO agent average reward: {}".format(ppo_eval.rewards.mean()))
```

```
PPO agent average reward: 141.58228479157083
```

1.4.4 Demo 3.4: Visualize the performance of PPO in MetaDrive Hard Env.

You might have different maps in your visualization, that's expected.

```python
[2]: # Load the agent using PolicyAPI (easy to use interface to get policy)

from core.envs import make_envs
import gymnasium as gym
from vis import PPOPolicy, evaluate, animate
import pygame

env_name = "MetaDrive-Tut-Hard-v0"
policy = PPOPolicy(
    env_name,   # In order to get the observation shape
    num_envs=1,
    log_dir="MetaDrive-Tut-Hard-v0/ppo/",
    suffix="final"
)


# Render the learned behavior
# NOTE: The learned agent is marked by green color.
eval_reward, eval_info = evaluate(
    policy=policy,
    num_episodes=1,
    env_name=env_name,
    render="topdown",   # Visualize the behaviors in top-down view
    verbose=True
)

animate(eval_info["frames"])

print("PPO agent achieves {} return in MetaDrive Hard environment.".
    format(eval_reward))
```

```
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-Easy-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-Hard-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-1Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
```

```
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-5Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-10Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-20Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-50Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-100Env-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
C:\Users\Admin\AppData\Local\Programs\Python\Python39\lib\site-
packages\gymnasium\envs\registration.py:693: UserWarning: WARN: Overriding
environment MetaDrive-Tut-Test-v0 already in registry.
  logger.warn(f"Overriding environment {new_spec.id} already in registry.")
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Environment: MetaDriveEnv
[INFO] MetaDrive version: 0.4.3
[INFO] Sensors: [lidar: Lidar(), side_detector: SideDetector(),
lane_line_detector: LaneLineDetector()]
[INFO] Render Mode: none
[INFO] Horizon (Max steps per agent): 1000
[INFO] Assets version: 0.4.3
[INFO] Known Pipes: wglGraphicsPipe
[INFO] Start Scenario Index: 1000, Num Scenarios : 20

Successfully registered MetaDrive environments:  ['MetaDrive-Tut-Easy-v0',
'MetaDrive-Tut-Hard-v0', 'MetaDrive-Tut-1Env-v0', 'MetaDrive-Tut-5Env-v0',
'MetaDrive-Tut-10Env-v0', 'MetaDrive-Tut-20Env-v0', 'MetaDrive-Tut-50Env-v0',
'MetaDrive-Tut-100Env-v0', 'MetaDrive-Tut-Test-v0']
Successfully load weights from
```

C:\Users\Admin\Documents\cs260r-assignment-2025winter\assignment3\MetaDrive-Tut-Hard-v0\ppo\checkpoint-final.pkl!

Evaluating 1/1 episodes. We are in 1/1000 steps. Current episode reward: 0.007

Evaluating 1/1 episodes. We are in 51/1000 steps. Current episode reward: 30.541

Evaluating 1/1 episodes. We are in 101/1000 steps. Current episode reward: 101.309

Evaluating 1/1 episodes. We are in 151/1000 steps. Current episode reward: 197.365

[INFO] Episode ended! Scenario Index: 1018 Reason: crash vehicle

<IPython.core.display.HTML object>

PPO agent achieves 285.5014400746799 return in MetaDrive Hard environment.