# Steps to run the code

- To run file first activate conda environment

- Run the environment file (python env.py)

- Run training file (python train.py) {it will take long time to execute}

- After running training file two new files will create in "q_tables_env.pkl & training_logs_env.pkl"

- Then run evaluation file (python evaluate.py)

- Then we will get the result

# Results

- All agents reached their goals.
- Total rewards:

**{'agent_0': -2,   'agent_1': -2,     'agent_2': -2,     'agent_3': 31}**

- Completion Times (in seconds):

{'agent_0': 6.371346473693848,
'agent_1': 6.371346712112427, '
agent_2': 6.371346950531006,
'agent_3': 4.811670780181885}

Ranking of Agents by Time Taken:
- Rank 1: agent_3 with 4.81 seconds
- Rank 2: agent_0 with 6.37 seconds
- Rank 3: agent_1 with 6.37 seconds
- Rank 4: agent_2 with 6.37 seconds