

Exercise X

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ELEC-E8125 - Reinforcement Learning

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1 Task 1

To cite works, put them in the template.bib file and use [?].

2 Task 2

To embed code snippets in the report, you can use the pycode environment.

```
1  for episode_number in range(train_episodes):
2      reward_sum, timesteps = 0, 0
3      done = False
4      # Reset the environment and observe the initial state
5      observation = env.reset()
6
7      # Loop until the episode is over
8      while not done:
9          # Get action from the agent
10         action, action_probabilities = agent.get_action(
11             observation)
12         previous_observation = observation
13
14         # Perform the action on the environment, get new state and
15         reward
16         observation, reward, done, info = env.step(action)
17
18         # Store action's outcome (so that the agent can improve
19         its policy)
20         agent.store_outcome(previous_observation,
21             action_probabilities, action, reward)
```

3 Question 1

If you add a figure, you can refer to it using Figure. 1.

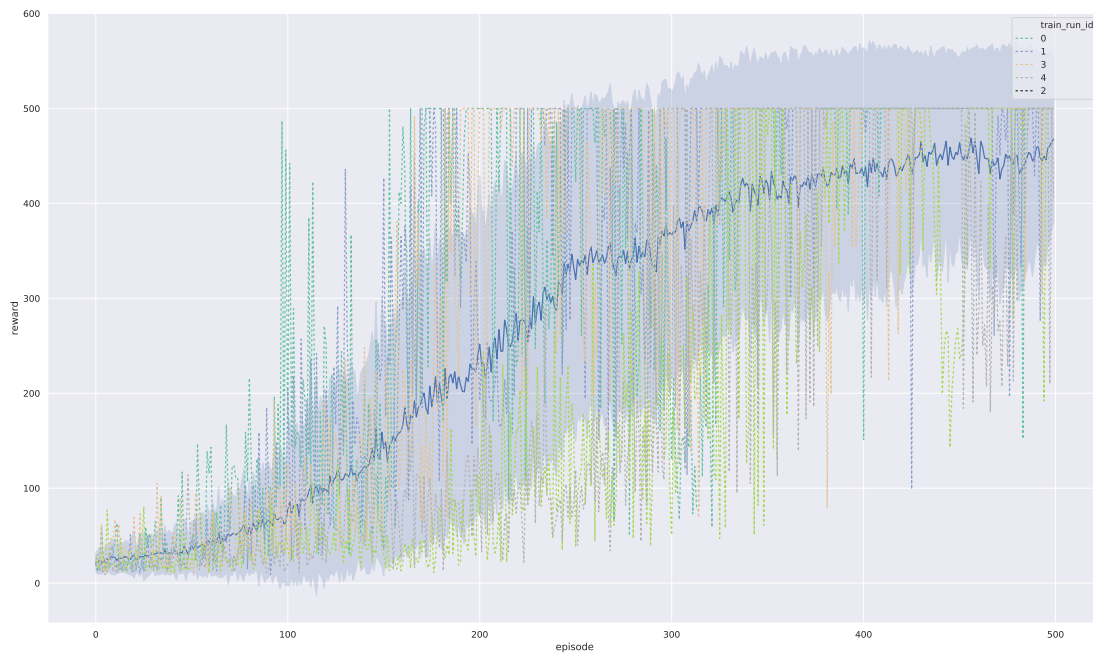


Figure 1: This is a sample figure.