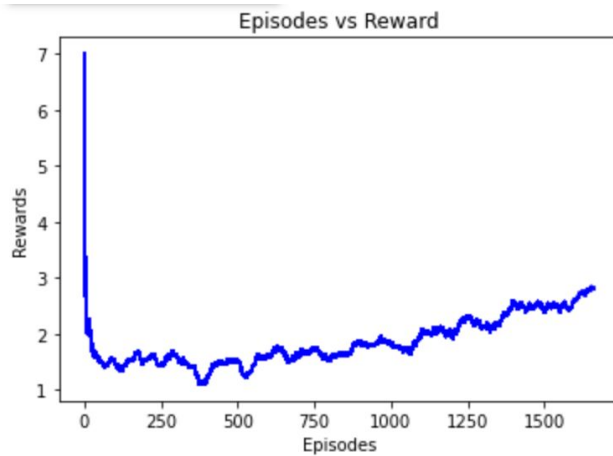**Name(s):** Yutong Xie
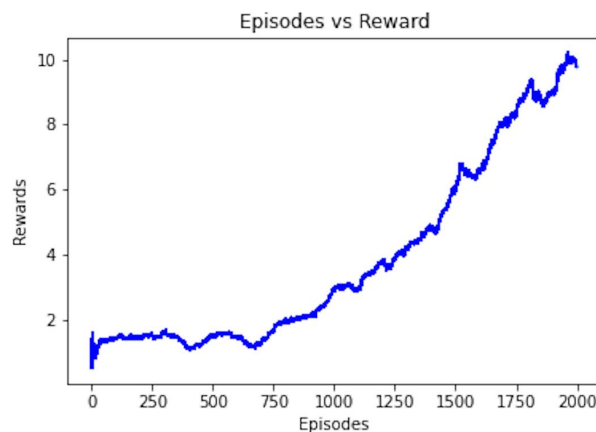**Netid(s):** yutongx6
Mean Reward Reached : 10.2
Uploaded Saved Double DQN Model on Compass : Yes
Uploaded your Agent.py and Agent_double.py file on Compass : Yes
Plot of Mean Evaluation Reward for DQN:

Plot of Mean Evaluation Reward for Double DQN (please run both plots for the same number of episodes):

Provide a few sentences of analysis between the differences between DQN and Double DQN:

DQN only uses one neural network while double DQN uses two identical neural networks, the policy network, and the target network. Policy network will be trained during the training process, but the target network only is updated for a few episodes without training.