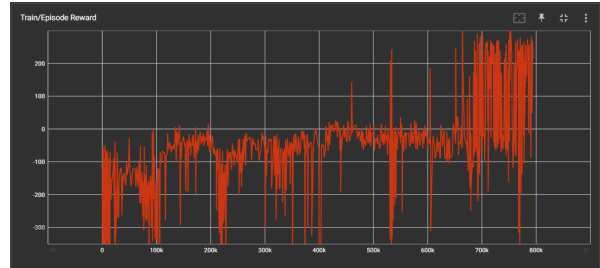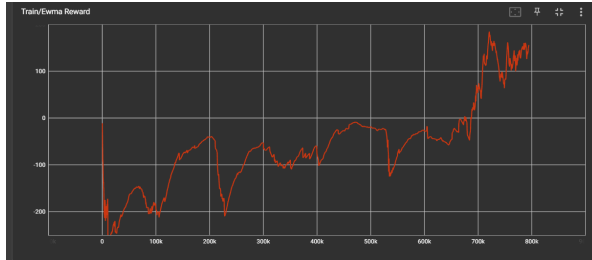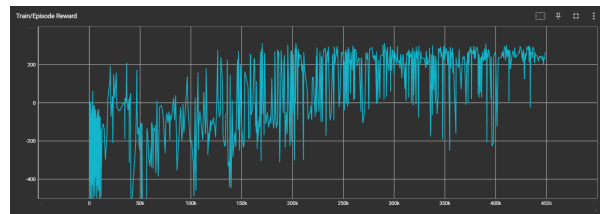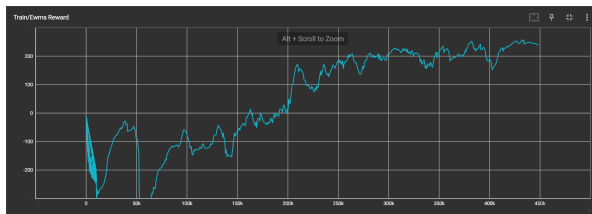# lab6 report

學號：311512049 姓名：陳緯翰

- dqn (LunarLander-v2)


```
Start Testing
total_reward: 247.1443671556365
total_reward: 274.63284832721195
total_reward: 273.7136229677167
total_reward: 271.90727402406515
total_reward: 263.9462400987887
total_reward: 268.2538274242994
total_reward: 286.0800748694057
total_reward: 283.38564082440917
total_reward: 293.72802865013705
total_reward: 160.87686889830397
Average Reward 262.3668793239974
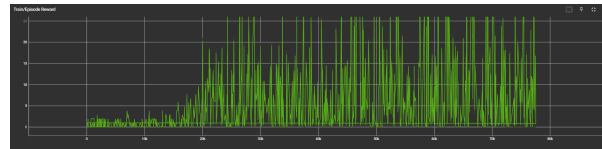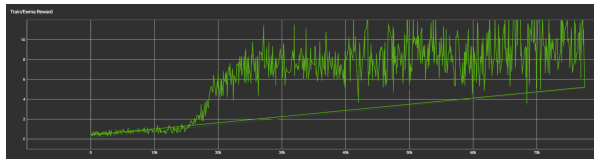```

- ddpg (LunarLanderContinuous-v2)

```
Start Testing
total_reward: 233.1923764381856
total_reward: 215.86798050747547
total_reward: 254.44112133881993
total_reward: 246.0265629797236
total_reward: 93.96633050518922
total_reward: 241.4978108838185
total_reward: 208.75687375278284
total_reward: 239.4760801702224
total_reward: 266.2873135482829
total_reward: 232.55827457669417
Average Reward 223.20707247011947
```

- dqn breakout (BreakoutNoFrameskip-v4)


```
episode 1: 349.00
episode 2: 225.00
episode 3: 318.00
episode 4: 233.00
episode 5: 282.00
episode 6: 383.00
episode 7: 284.00
episode 8: 296.00
episode 9: 329.00
episode 10: 211.00
Average Reward: 291.00
```