

## Assignment 3: Q-Learning and Actor-Critic Algorithms

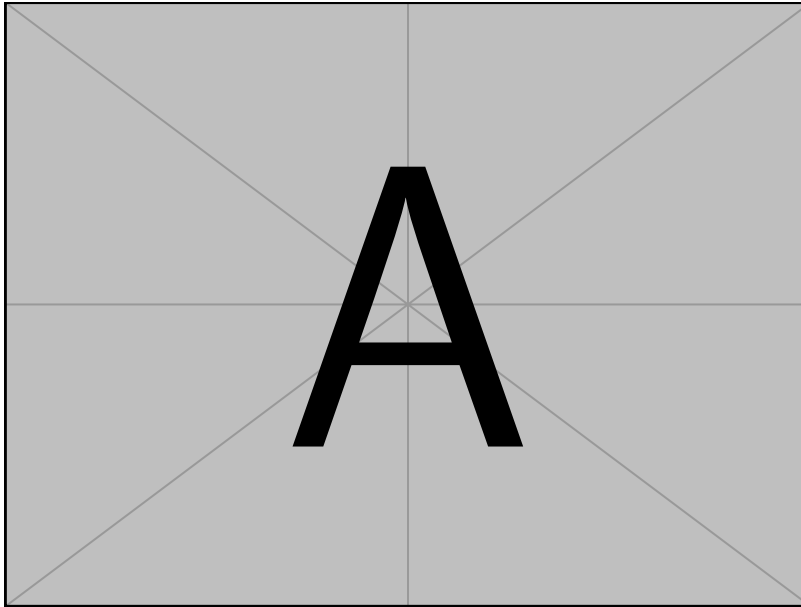
**Andrew ID:** Write your Andrew ID here.

**Collaborators:** Write the Andrew IDs of your collaborators here (if any).

**NOTE:** Please do NOT change the sizes of the answer blocks or plots.

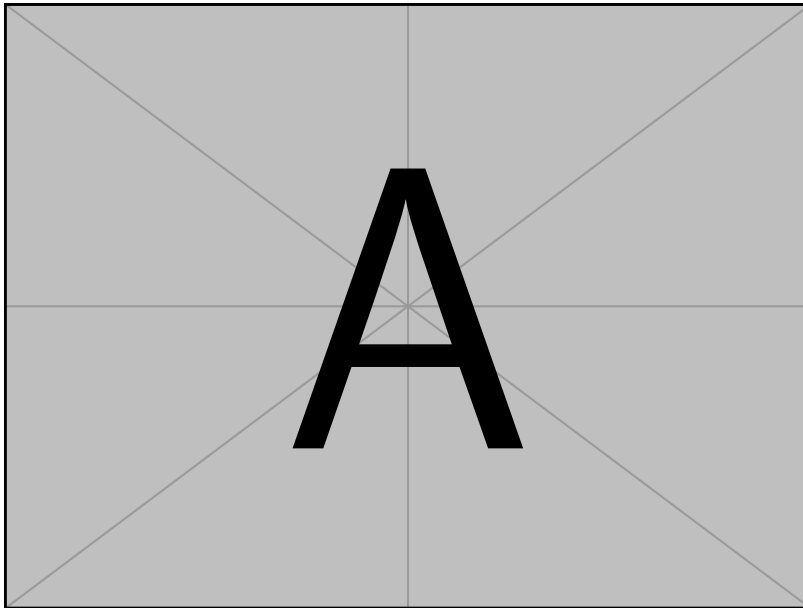
### 1 Question 1: DQN and DDQN (LunarLander-v3)- [7.5 points]

Question 1



**2 Question 2: Actor-Critic (CartPole-v0) - [3.75 points]**

Question 2

**3 Question 3: Actor-Critic (InvertedPendulum-v4) - [3.75 points]**

Question 3

