**ML2021Spring HW12 Report**

<電機工程研究所> <黃國郡>

<r08921005>

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| Public Score | Private Score |
| 286 | 286 |

The methods I used to pass the strong baselines include:

1. Change the optimizer to Adam:

“self.optimizer = optim.Adam(self.network.parameters(), lr=0.001)”

1. Change EPISODE\_PER\_BATCH = 20
2. Change NUM\_BATCH = 2000 (total time is 16726 sec)
3. Collect seq\_rewards in each episode
   1. When each episode is done, then apply discount\_rate as 0.99 to seq\_rewards
   2. Rewards[] extend the seq\_rewards that after applying discount\_rate.

(Your report should be written in English. Do not exceed 100 words describing your methods, but you may add comments to your code to make other students easier to understand.)