

**Team members:** Kaiwen Chen, Qiuyang Fu

**Contribution:** we completed the whole project as a team, which means we solved each of the problem together and contributed different thoughts. Kaiwen Chen spent more effort on the 2nd and 3rd part of the project, Qiuyang Fu spent more effort on 1st and 4th. However, since part 4 is the hardest among them, we did a lot of research together while completing the challenge. As a summary, the contributions of 2 of us are equal.