

Homework 5: Car Tracking

Please keep the title of each section and delete examples.

Part I. Implementation (15%):

- Please screenshot your code snippets of **Part 1 ~ Part 3**, and explain your implementation. For example,

```
53  def observe(self, agentX: int, agentY: int, observedDist: float) -> None:
54      # BEGIN_YOUR_CODE (our solution is 9 lines of code, but don't worry if you deviate from this)
55      raise Exception("Not implemented yet")
56      # END_YOUR_CODE
57
```

Part II. Question answering (5%):

- Please describe problems you met and how you solved them