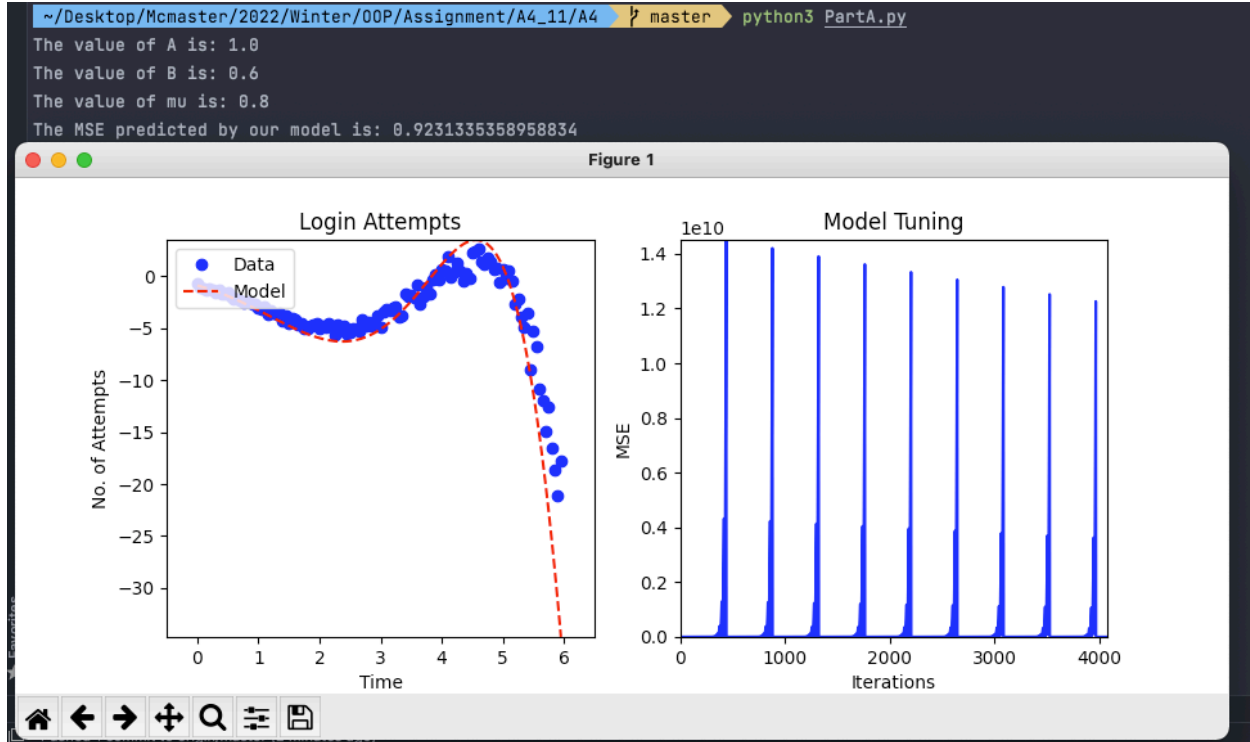
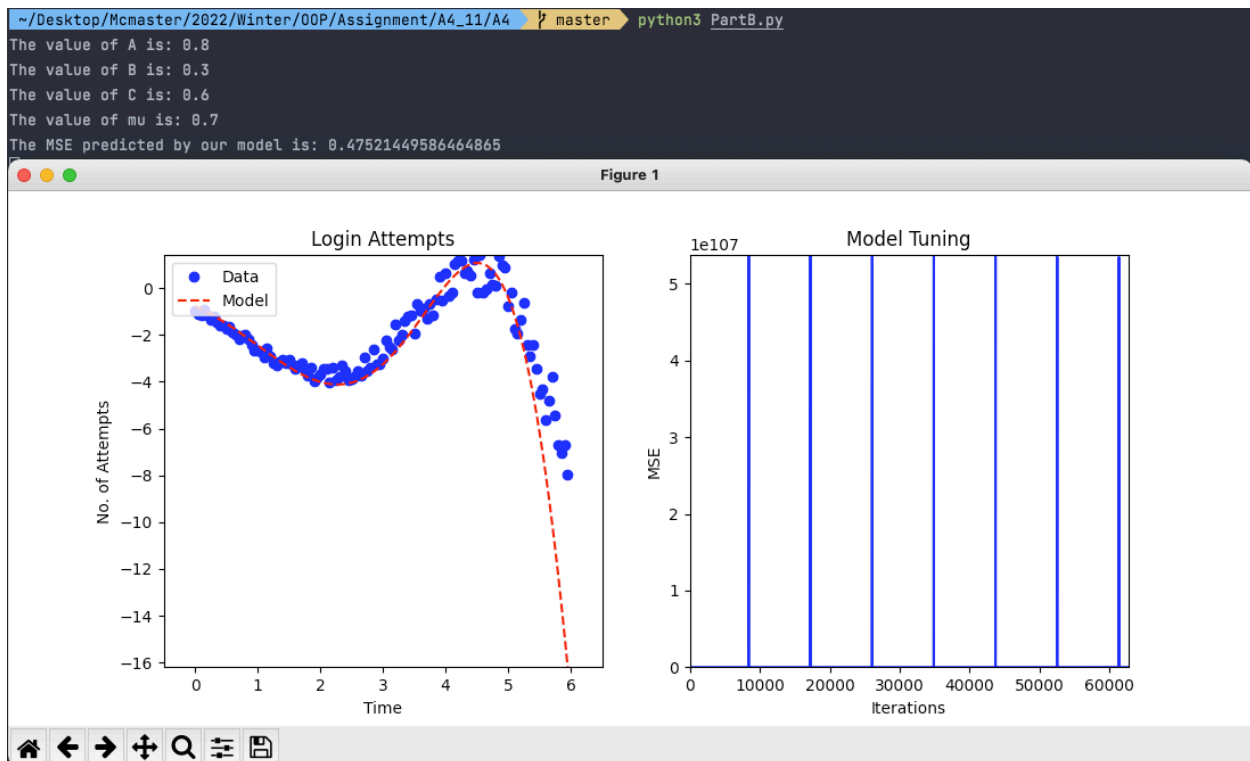


PartA



PartB



PartC

```
~/Desktop/Mcmaster/2022/Winter/00P/Assignment/A4_11/A4 master python3 PartC.py
The value of A is: 0.8
The value of B is: 0.2
The value of C is: 0.7
The value of mu is: 0.8
The value of shift is: 0.6
The MSE predicted by our model is: 0.09130858850240499
```

Figure 1

