

Client Side Output:

```
tejas9naik@Tejass-MacBook-Pro frontend_service % python3 client.py
Enter hostname: localhost
Enter number of requests: 4
Set the probability for running trade requests: 0.8
Lookup for Stock BoarCo Price: 5.5 Quantity: 100.0
Order Request for Stock BoarCo Transaction number: 7
Lookup for Stock FishCo Price: 13.449999809265137 Quantity: 130.0
Order Request for Stock FishCo Transaction number: 8
Lookup for Stock FishCo Price: 13.449999809265137 Quantity: 120.0
Order Request for Stock FishCo Transaction number: 9
Lookup for Stock GameStart Price: 10.0 Quantity: 110.0
Order Request for Stock GameStart Transaction number: 10
```

Storing transaction logs in csv



```
transaction_log.csv U X
src > app > frontend_service > transaction_log.csv
1 ,GameStart,sell,1
2 0,GameStart,sell,1
3 1,GameStart,sell,1
4 2,GameStart,sell,1
5 3,GameStart,sell,1
6 4,GameStart,sell,2
7 0,GameStart,sell,2
8 1,BoarCo,sell,8
9 2,MenhirCo,sell,1
10 3,GameStart,sell,7
11 4,MenhirCo,sell,9
12 5,MenhirCo,sell,6
13 6,FishCo,sell,8
14 7,GameStart,sell,8
15 8,MenhirCo,sell,1
16 9,GameStart,sell,9
17 10,BoarCo,sell,3
18 11,GameStart,sell,10
```

Server side output

```
tejas9naik@Tejass-MacBook-Pro frontend_service % python3 server.py
```

Serving on port 8081...

127.0.0.1 - - [29/Mar/2023 06:07:57] "GET /stocks/FishCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:07:57] "GET /stocks/FishCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:00] "GET /stocks/BoarCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:00] "GET /stocks/FishCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:03] "GET /stocks/BoarCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:03] "GET /stocks/MenhirCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:06] "GET /stocks/GameStart HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:06] "GET /stocks/GameStart HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:09] "GET /stocks/BoarCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:09] "GET /stocks/FishCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:12] "GET /stocks/FishCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:12] "GET /stocks/BoarCo HTTP/1.1" 200 -
127.0.0.1 - - [29/Mar/2023 06:08:15] "GET /stocks/MenhirCo HTTP/1.1" 200