

Output File

Part 1

1) Catalog Service:

The output shows the details of the stock stored in the Catalog service. If an invalid stock name is entered, an error message is displayed.

```
In [1]: Enter stock name: Apple
...: {'status': 'success', 'data': {'quantity': 100, 'price': 200.0}}
...:
...:
.....
.....
...:
...: Enter stock name: Google
...: {'status': 'success', 'data': {'quantity': 75, 'price': 120.0}}
...:
...:
.....
.....
...:
...: Enter stock name: Swati
...: {'status': 'failure', 'message': 'Stock: Swati not found in
catalogue.'}
```

2) Order Service:

The output shows the details of the stock present in order service. It shows the name of the stock, quantity present for trade and the price of the stock. It also updates the details in the csv file. If the stock is less in quantity, then trade becomes unsuccessful.

```
In [2]: Enter stock name: Apple
....: {'status': 'success', 'data': {'quantity': 70, 'price': 200.0}}
....:
....: Enter quantity: 70
....:
....: Enter price: 10
....: {'stock': 'Apple', 'quantity': 70, 'price': 10.0, 'status':
'success', 'message': 'Trade successful'}
....:
....:
.....
.....
....: Enter stock name: Apple
....: {'status': 'success', 'data': {'quantity': 0, 'price': 200.0}}
....:
....: Enter quantity: 20
....:
....: Enter price: 10
....: {'stock': 'Apple', 'quantity': 20, 'price': 10.0, 'status':
'failure', 'message': 'Trade unsuccessful'}
```