OUTPUTS:-

```
Menu:
1. Trader Login
2. Admin Login
3. Display Stocks
4. Register Trader
5. Exit
Enter your choice: 4
Enter Trader ID: 101
Enter Trader Balance: 4500
Enter Trader Username: ck
Enter Trader Password: ck123
Trader Registered Successfully.

Menu:
1. Trader Login
2. Admin Login
3. Display Stocks
4. Register Trader
5. Exit
Enter your choice: 4
Enter Trader ID: 102
Enter Trader Balance: 3000
Enter Trader Username: vm
Enter Trader Password: vm123
Trader Registered Successfully.
```

```
Menu:
1. Trader Login
2. Admin Login
3. Display Stocks
4. Register Trader
5. Exit
Enter your choice: 2
Enter Admin Username: admin
Enter Admin Password: admin123
Admin Logged in successfully.

Admin Menu:
1. Add Stock
2. Display Registered Traders
3. Logout
Enter your choice: 1
Enter Stock ID: 1
Enter Stock Name: apple
Enter Stock Price: 101
Enter Available Quantity: 9
Stock added successfully.

Admin Menu:
1. Add Stock
2. Display Registered Traders
3. Logout
Enter your choice: 1
Enter Stock ID: 2
Enter Stock Name: tata
Enter Stock Price: 200
Enter Available Quantity: 5
Stock added successfully.
```

```
Admin Menu:
1. Add Stock
2. Display Registered Traders
3. Logout
Enter your choice: 2
Registered Traders:
Trader ID: 0, Balance: 0
Trader ID: 101, Balance: 4500
Trader ID: 102, Balance: 3000

Admin Menu:
1. Add Stock
2. Display Registered Traders
3. Logout
Enter your choice: 3
Logging out...
```

```
Menu:
1. Trader Login
2. Admin Login
3. Display Stocks
4. Register Trader
5. Exit
Enter your choice: 1
Enter Trader Username: ck
Enter Trader Password: ck123
Trader Logged in successfully.

Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 1
Stocks Available:
Stock ID | Name | Price | Available Quantity
2 | tata | 200 | 5
1 | apple | 101 | 9

Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 2
Enter Stock ID: 1
Enter Quantity: 3
Enter Order Type (BUY/SELL): BUY
Order executed successfully.
```

```
Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 2
Enter Stock ID: 1
Enter Quantity: 1
Enter Order Type (BUY/SELL): SELL
Order executed successfully.

Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 3
Enter Trader Username: ck
Trader ck's Orders:
Order ID | Stock ID | Quantity | Type
1 | 1 | 3 | BUY
2 | 1 | 1 | SELL

Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 4
Available Balance: 4096
```

```
Trader Menu:
1. Display Stocks
2. Create Order
3. Display Orders
4. Check Available Balance
5. Logout
Enter your choice: 5
Logging out...

Menu:
1. Trader Login
2. Admin Login
3. Display Stocks
4. Register Trader
5. Exit
Enter your choice: 5
Exiting...

=== Code Execution Successful ===
```