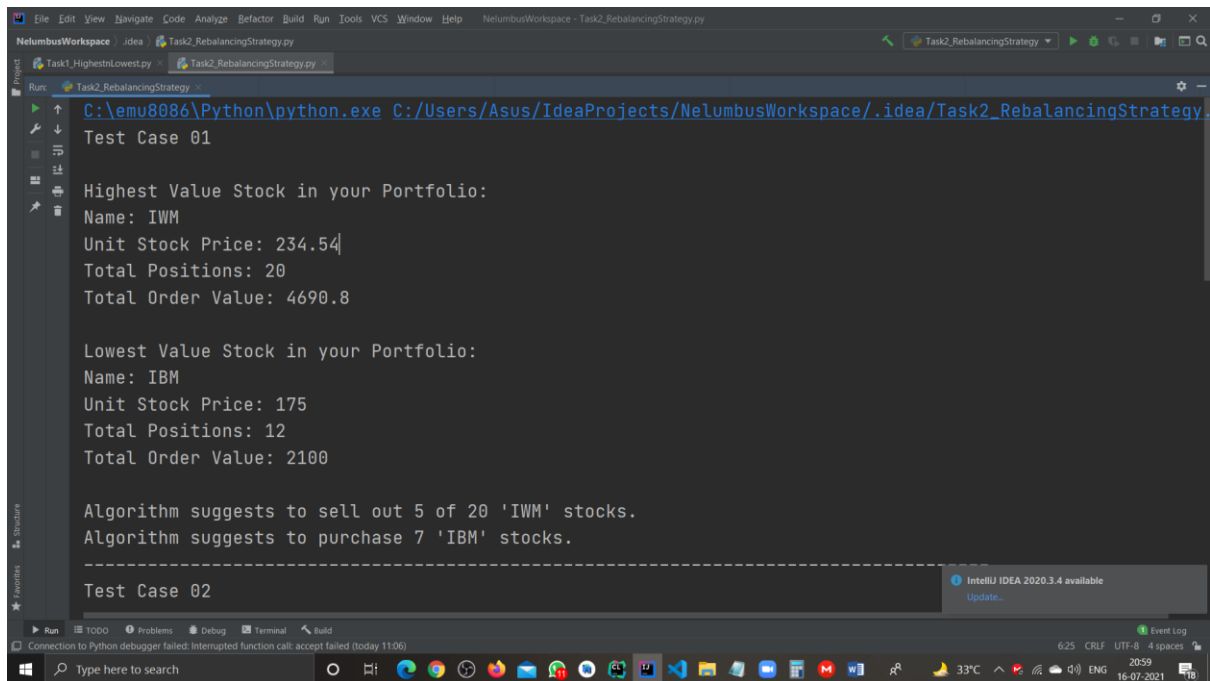


# Manual Verification of the results for the Balancing Method

## Output Generated by the code



```
Run: C:\emu8086\Python\python.exe C:/Users/Asus/IdeaProjects/NelumbusWorkspace/.idea/Task2_RebalancingStrategy.py
Test Case 01

Highest Value Stock in your Portfolio:
Name: IWM
Unit Stock Price: 234.54
Total Positions: 20
Total Order Value: 4690.8

Lowest Value Stock in your Portfolio:
Name: IBM
Unit Stock Price: 175
Total Positions: 12
Total Order Value: 2100

Algorithm suggests to sell out 5 of 20 'IWM' stocks.
Algorithm suggests to purchase 7 'IBM' stocks.
-----
Test Case 02
```

## Test Case 01

Total Order Value for the stocks

Stock Name	Unit Stock Value	Stock Positions	Total Order Value	Remarks
AAPL	149.15	15	2237.25	NIL
IWM	234.54	20	4690.8	Highest Valued
IBM	175	12	2100	Lowest Valued

Average of the Highest and Lowest Order Value =  $(4690.8 + 2100)/2 = 3395.4$

How many stocks of Highest Order Valued Stock('IWM') should be sold?

Difference between Highest Order Value ('IWM') and Average Order Value =  
 $4690.8 - 3395.4 = 1295.4$

IWM stocks to be Sold = 5

As,  $234.54 * 5 = 1172.7$

How many stocks of Lowest Order Value('IBM') should be purchased?

Difference between Lowest Order Value ('IBM') and Average Order Value =  
 $3395.4 - 2100 = 1295.4$

IBM stocks to be Purchased = 7

As,  $175 * 7 = 1225$