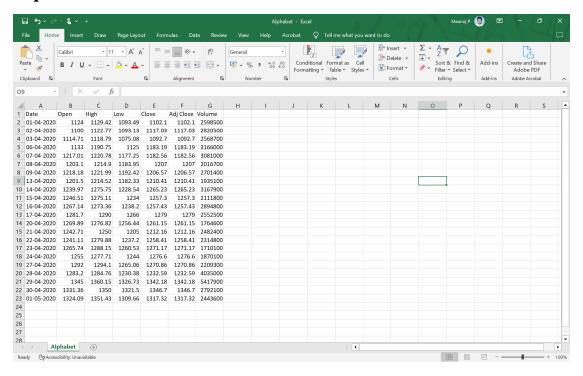
Aim:

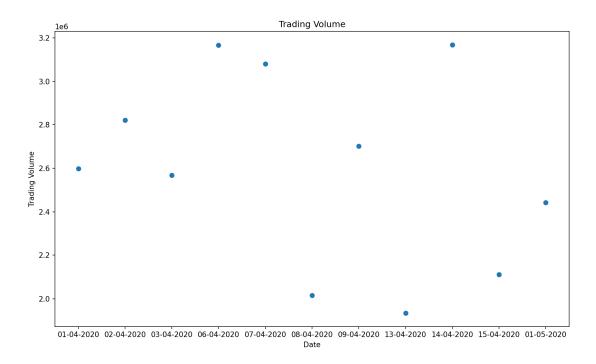
To develop a Pandas program to create a scatter plot of the trading volume of Alphabet Inc. between two specific dates

Code:

```
| The control | Single | Singl
```





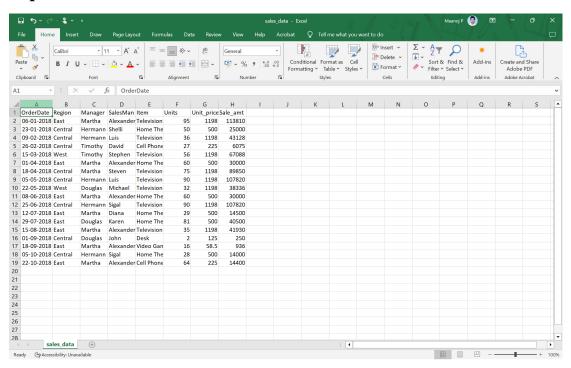


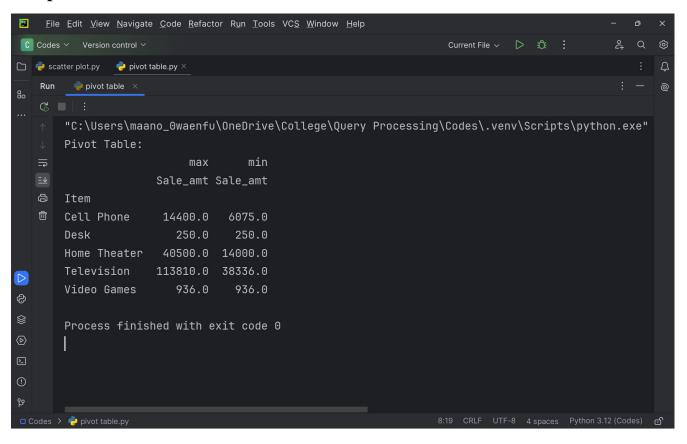
☆←→ +Q = B

Aim:

To develop a Pandas program to create a pivot table and find the maximum and minimum sale value of the items

Code:

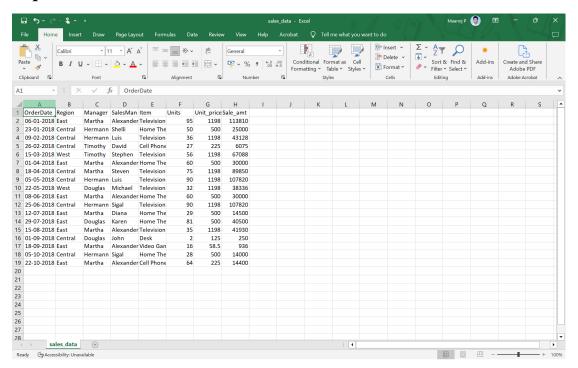


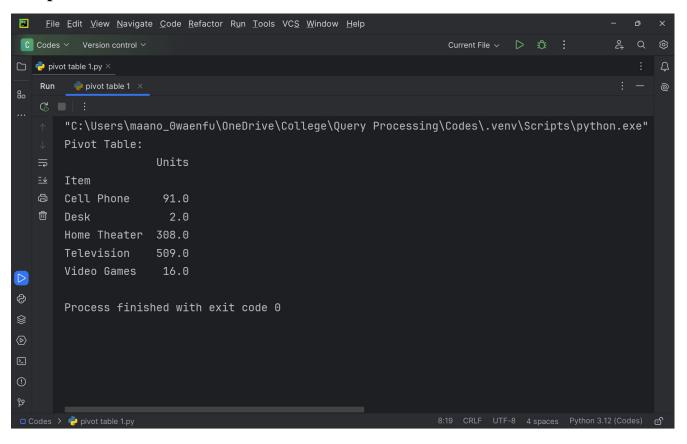


Aim:

To develop a Pandas program to create a pivot table and find the item wise unit sold

Code:

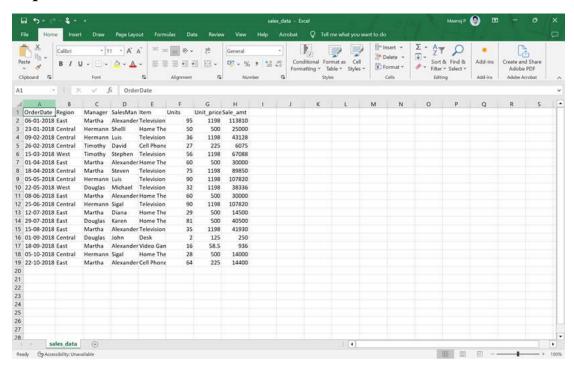




Aim:

To develop a Pandas program to create a pivot table and find the total sale amount region wise, manager wise, sales man wise

Code:



```
Run 🌏 pivot table 3 🗵
↑ Total Sale Amount Region-wise:
           Sale_amt

    Region

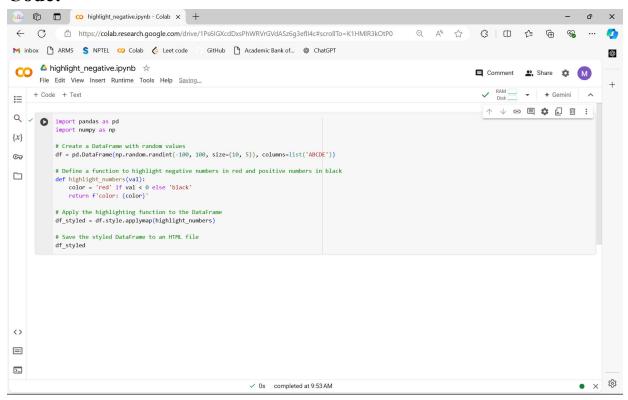
    □ Central 393943.0

⑪ West
          105424.0
   Total Sale Amount Manager-wise:
           Sale_amt
   Manager
   Douglas 79086.0
   Hermann 297768.0
   Martha 335426.0
   Timothy 73163.0
   Total Sale Amount Salesman-wise:
             Sale_amt
   SalesMan
   Alexander 231076.0
             6075.0
   David
```

Aim:

To develop a Pandas program to highlight the negative numbers red and positive numbers black.

Code:



Input:

```
df = pd.DataFrame(np.random.randint(-100, 100, size=(10, 5)), columns=list('ABCDE'))
```

```
A B C D E

0 9 -15 -44 88 -96

1 -80 91 83 -86 -57

2 70 98 -61 -69 -63

3 -19 -89 16 4 -34

4 -56 88 -53 26 -46

5 -36 -48 34 23 33

6 -40 -71 79 -17 -95

7 -22 41 59 -99 -98

8 50 67 20 -1 -20

9 85 91 48 50 32
```