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```
import pandas as pd  
import numpy as np
```

```
f1 = open("/Users/kartikeysapkal/Documents/Python/CSV's/  
grainsales.csv","r")
```

```
data = pd.read_csv(f1)
```

```
df = pd.DataFrame(data)
```

```
maindata = df #im creating this variable to reset my dataframe
```

```
df['Sales'].describe()
```

```
df=df.groupby('Months').sum()
```

```
df=df.sort_values(by=['Sales'],ascending=False)
```

```
df.head(1)
```

```
print("Best Month for Sales: July")
```

```
print("Revenue Earned was: 16000000")
```

```
df = maindata
```

```
df = df.groupby("GrainName").sum()
```

```
df = df.sort_values(by=["Sales"],ascending = False)
```

```
df.head(1)
```

```
print("Most Sold Grain is: Wheat")
```

```
print("The Best Month for sales is July and this product has  
occured in July so this is most sold product with highest sales")
```

```
df = maindata
```

```
df= df.groupby("City").sum()
```

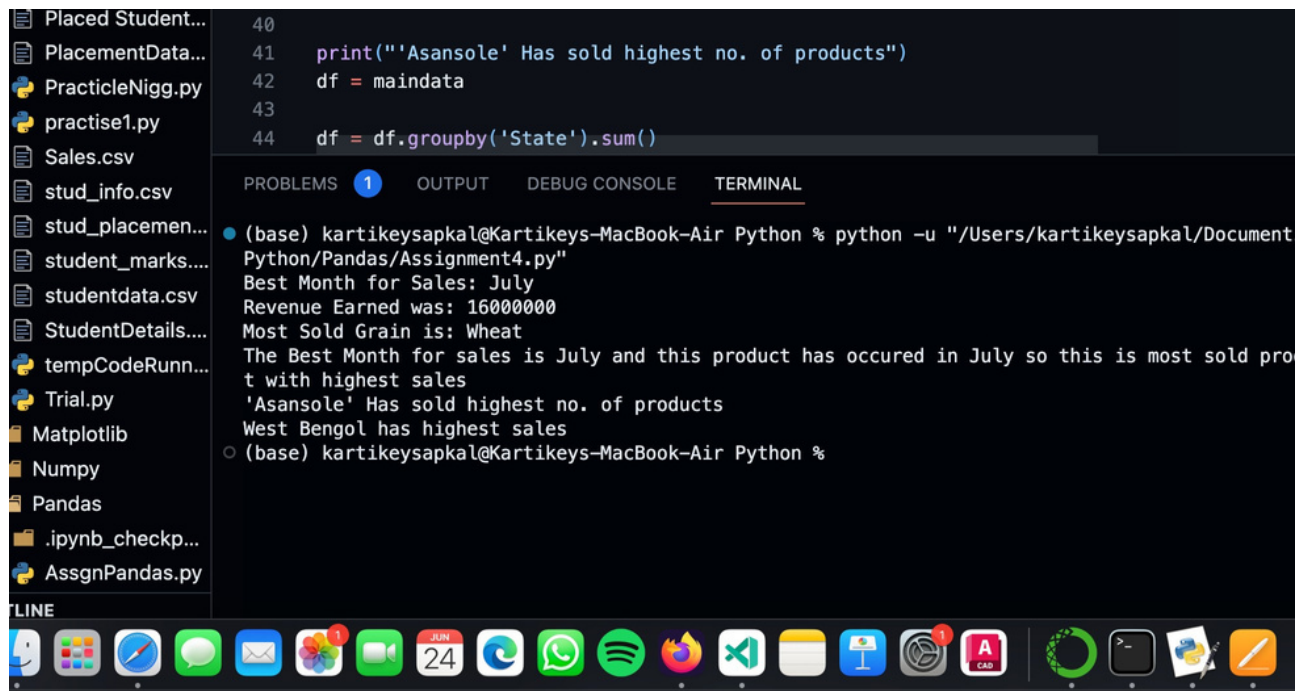
```
df = df.sort_values(by = ['Sales'],ascending= False)
```

```
df.head(1)
```

```
print("'Asansole' Has sold highest no. of products")
```

```
df = maindata
```

```
df = df.groupby('State').sum()
df = df.sort_values(by = ['Sales'],ascending = False)
print("West Bengal has highest sales")
```



The screenshot shows a Jupyter Notebook environment. On the left is a file explorer with various files and folders. The main area contains code cells. The first cell has line numbers 40-44 and contains the following Python code:

```
40
41 print("'Asansole' Has sold highest no. of products")
42 df = maindata
43
44 df = df.groupby('State').sum()
```

Below the code cells is a terminal window with the following output:

```
(base) kartikeysapkal@Kartikeys-MacBook-Air Python % python -u "/Users/kartikeysapkal/Document
Python/Pandas/Assignment4.py"
Best Month for Sales: July
Revenue Earned was: 16000000
Most Sold Grain is: Wheat
The Best Month for sales is July and this product has occurred in July so this is most sold pro
t with highest sales
'Asansole' Has sold highest no. of products
West Bengal has highest sales
(base) kartikeysapkal@Kartikeys-MacBook-Air Python %
```

The bottom of the image shows a macOS dock with various application icons.