

Name : Sejal Badone

Roll no:809(H1)

code:

```
import pandas as  
df = pd.read_csv("grainsales.csv")  
month=df.groupby("Months")["Sales"].sum().idxmax()  
print("Best Month For Sales is", month)
```

Best Month For Sales is JULY

```
df = pd.read_csv("grainsales.csv")  
month=df.groupby("Months")["Sales"].sum().idxmin()  
print("worst Month For Sales is", month)
```

Worst Month For Sales is MARCH

```
df = pd.read_csv("grainsales.csv")  
month=df.groupby("Months")["Sales"].sum().max()  
print("Earning of Best Month is", month)
```

Earning of Best Month is 16000000

```
df = pd.read_csv("grainsales.csv")  
month=df.groupby("Months")["Sales"].sum().min()  
print("Earning of worst Month is", month)
```

Earning of worst Month is 4000000

```
df = pd.read_csv("grainsales.csv")
Product=df.groupby("GrainName")["Sales"].sum().idxmax()
print("The Product sold the most is", Product)
The Product sold the most is wheat
```

```
df = pd.read_csv("grainsales.csv")
Product=df.groupby("GrainName")["Sales"].sum().idxmin()
print("The Product sold the least is",Product)
The Product sold the least is oats
```

```
df = pd.read_csv("grainsales.csv")
cty=df.groupby("city")["sales"].sum().idxmax()
print("City sold the Most Products", cty)
city sold the Most Products Asansole
```

```
df = pd.read_csv("grainsales.csv")
cty=df.groupby("city")["Sales"].sum().idxmin()
print("City sold the Least Products", cty)
city sold the Least Products Gurugram
```

```
df = pd.read_csv("grainsales.csv")
month=df.groupby("Months")["Sales"].sum().median()
print("Median of Sales is",month)
Median of Sales is 7500000.0
```

```
df = pd.read_csv("grainsales.csv")  
month=df.groupby("Months")["Sales"].sum().mean()  
print("Average of Sales is,month")  
Average of Sales is 9062500.0
```