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## CODE

```
import pandas as pd

df=pd.read_csv('grainsales.csv')

print(df)
```

## OUTPUT

GrainName	State	City	Months	Year	Sales	
0	Ragi	Maharashtra	Nagpur	JAN	2023	1000000
1	Bajra	Panjab	Amritsar	FEB	2023	1500000
2	Ragi	Maharashtra	Nagpur	JAN	2023	1000000
3	Bajra	Panjab	Amritsar	FEB	2023	1500000
4	Ragi	Maharashtra	Nagpur	JAN	2023	1000000
5	Bajra	Panjab	Amritsar	FEB	2023	1500000
6	Oats	Hariyana	Gurugram	MARCH	2023	2000000
7	Sattu	Gujarat	Surat	APRIL	2023	2500000
8	Sooji	Tamil Nadu	Madurai	MAY	2023	3000000
9	Brown rice	Telangana	Hyderabad	JUNE	2023	3500000
10	Wheat	West Bengol	Asansole	JULY	2023	4000000
11	Corn	UP	Kanpur	AUG	2023	4500000
12	Ragi	Maharashtra	Nagpur	JAN	2023	1000000
13	Bajra	Panjab	Amritsar	FEB	2023	1500000
14	Oats	Hariyana	Gurugram	MARCH	2023	2000000
15	Sattu	Gujarat	Surat	APRIL	2023	2500000
16	Sooji	Tamil Nadu	Madurai	MAY	2023	3000000
17	Brown rice	Telangana	Hyderabad	JUNE	2023	3500000
18	Wheat	West Bengol	Asansole	JULY	2023	4000000
19	Corn	UP	Kanpur	AUG	2023	4500000
20	Sooji	Tamil Nadu	Madurai	MAY	2023	3000000
21	Brown rice	Telangana	Hyderabad	JUNE	2023	3500000
22	Wheat	West Bengol	Asansole	JULY	2023	4000000
23	Corn	UP	Kanpur	AUG	2023	4500000
24	Ragi	Maharashtra	Nagpur	JAN	2023	1000000
25	Brown rice	Telangana	Hyderabad	JUNE	2023	3500000
26	Wheat	West Bengol	Asansole	JULY	2023	4000000

### **CODE**

```
import pandas as pd
df=pd.read_csv('grainsales.csv')
bms=df.groupby('Months')['Sales'].sum().idxmax()
bmsal=df.groupby('Months')['Sales'].sum().max()
print("The Best Month of the sales is",bms,"Sales amount is",bmsal)
```

### **OUTPUT**

```
The Best Month of the sales is JULY Sales amount is 1
6000000
```

### **CODE**

```
mps=df.groupby('GrainName')['Sales'].sum().idxmax()
print(mps)
```

### **OUTPUT**

```
Wheat
```

### **CODE**

```
mpsc=df.groupby('City')['Sales'].sum().idxmax()
print(mpsc)
```

### **OUTPUT**

```
Asansole
```

## **CODE**

```
import pandas as pd  
df=pd.read_csv('grainsales.csv')  
bms=df.groupby('Months')['Sales'].sum()  
print(bms)
```

## **OUTPUT**

```
Months  
APRIL      5000000  
AUG        13500000  
FEB         6000000  
JAN         5000000  
JULY       16000000  
JUNE       14000000  
MARCH       4000000  
MAY         9000000  
Name: Sales, dtype: int64
```