

PRACTICAL 2

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Batch – H3

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CODE:-

```
F=open("sales.csv","r")
```

```
Content=f.read()
```

```
Lines=content.splitlines()
```

```
P_details=[]
```

```
S_details={}
```

```
G_details={}
```

```
Ctemp=[]
```

```
Pfc={}
```

```
Sfc={}
```

```
Cfc={}
```

```
Male=0
```

```
Female=0
```

```
For l in lines:
```

```
    Words=l.split(",")
```

```
    P_details.append(words[1])
```

```
    Ctemp.append(words[3])
```

```
S_details[words[0]]=words[2]
```

```
G_details[words[3]]=words[4]
```

```
For p in p_details:
```

```
  If p not in pfc:
```

```
    Pfc[p]=1
```

Else:

Pfc[p]=pfc[p]+1

#print(pfc)

Max=0

Pn=""

For k,v in pfc.items():

If(max<v):

Max=v

Pn=k

Print("Most popular product is: ",pn)

For c in ctemp:

If c not in cfc:

Cfc[c]=1

Else:

Cfc[c]=cfc[c]+1

#print(cfc)

Max=0

Cd=""

For a,b in cfc.items():

If(max<b):

Max=b

Cd=a

Print("Customer who buys most of the products is: ",cd)

For k,v in g_details.items():

 If(v=="Female"):

 Female=female+1

 Else:

 Male=male+1

Print("Number of customers who are female are: ",female)