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```python
import csv

f1=open("Sales.csv","r")

d1=list(csv.reader(f1,delimiter=","))

j=len(d1)

productdetails=[]

customerdetails=[]

supplier=[]

for i in range(1,j):

    productdetails.append(d1[i][1])

    customerdetails.append(d1[i][3])

    supplier.append(d1[i][2])

customerdetails=tuple(customerdetails)

store=dict(zip(supplier,productdetails))

popularproduct=[]

bestsupplier=[]

wealthycustomer=[]

for i in range(j-1):

    a=0

    b=0
```

```python
        c=0
    for z in range(j-1):
        if(productdetails[z]==productdetails[i]):
            a+=1
        if(supplier[z]==supplier[i]):
            b+=1
        if(customerdetails[z]==customerdetails[i]):
            c+=1
    popularproduct.append(a)
    bestsupplier.append(b)
    wealthycustomer.append(c)
print("customer details are")
print(customerdetails)
print("\n")
print("The dictionary containing store name and products are")
print(store)
print("\n")
print("name of the products")
print(productdetails)
print("\n")
print("Best seller is",supplier[bestsupplier.index(max(bestsupplier))])
print("\n")
```

```python
print("Popular
Product",productdetails[popularproduct.index(max(popularproduct))
])
print("\n")
m=0
for i in range(j-1):
    if(d1[i][4]=="Female"):
        m+=1
print("No. of female customers are",m)
print("\n")
buyer=[]
print("The customer who buys most product is")
for i in range(j-1):
    if(max(wealthycustomer)==wealthycustomer[i]):
        buyer.append(customerdetails[i])
buyer=set(buyer)
l=len(buyer)
print(buyer)
```

File Edit Shell Debug Options Window Help

```
Python 3.11.2 (tags/v3.11.2:878ead1, Feb  7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: C:\Users\cheta\AppData\Local\Programs\Python\Python311\Sales.py ===
customer details are
('Kaustubh Mahajan', 'Siddhi Kiwale', 'Sanket Kandalkar', 'Yash Mali', 'Yash Bagul', 'Siddhi Kiwale', 'Sanket Kandalkar', 'Kaustubh Mahajan',
'Yash Mali', 'Siddhi Kiwale', 'Sanket Kandalkar', 'Kaustubh Mahajan', 'Yash Mali', 'Siddhi Kiwale', 'Tanuja Mali', 'Kaustubh Mahajan', 'Sanke
t Kandalkar', 'Siddhi Kiwale', 'Kaustubh Mahajan', 'Yash Mali')


The dictionary containing store name and products are
{'Raka Ele.': 'Lenovo Laptop', 'Vijay Sales': 'Oppo F21', 'Gada Ele.': 'LG TV 32"', 'Surya Ele.': 'Samsung M31', 'Deshmukh sales': 'Samsung M
31'}


name of the products
['Lenovo Laptop', 'Samsung M31', 'Realmi 10pro', 'Oppo F21', 'Lenovo Laptop', 'Samsung M31', 'LG TV 32"', 'Oppo F21', 'Lenovo Laptop', 'Samsu
ng M31', 'LG TV 32"', 'Lenovo Laptop', 'Samsung M31', 'Realmi 10pro', 'Lenovo Laptop', 'Oppo F21', 'LG TV 32"', 'Lenovo Laptop', 'Samsung M31
', 'LG TV 32"']


Best seller is Raka Ele.


Popular Product Lenovo Laptop


No. of female customers are 6


The customer who buys most product is
{'Siddhi Kiwale', 'Kaustubh Mahajan'}
>>>
```