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EDS ASSIGNMENT 2

CODE:

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from collections import Counter f1 =
open("C:/Users/sagar/Downloads/Sales.csv", "r")
product_details = [] customer_details = []
supplier_details = {} supplist = [] gender = []
while(True):
    data = f1.readline()
    if not data:
        break
    data = data.replace("\n", "")    temp =
data.split(",") #    print(temp)
product_details.append(temp[1])
customer_details.append(temp[3]) # type: ignore
supplier_details.update({temp[1]: temp[2]})
supplist.append(temp[2])
gender.append(temp[4])
f1.close()
customer_details = tuple(customer_details)
frequency = {} for items in product_details:
    if items in frequency:    frequency[items]
    += 1    else:
        frequency[items] = 1
```

```

marklist = sorted(frequency.items(), key=lambda x:x[1], reverse=True)
print(f"Most Poppular Item is ==> {marklist[0][0]}") supplierList =
list(supplier_details.items()) CounterDict = Counter(supplist) poplist =
sorted(CounterDict.items(), key=lambda x: x[1],
        reverse=True) poplist =
list(poplist) print(f"Best Supplier is ==>
{poplist[0][0]}")
CountCustomer = Counter(customer_details) CustomerCountList
= sorted(CountCustomer.items(),
        key=lambda x: x[1], reverse=True)
CustomerCountList = list(CustomerCountList) print(f"Customer Who Bought
Most Products is ==> {CustomerCountList[0][0]}") countGender =
Counter(gender) a = (countGender.get("Female")) print(f"No of Females are ==>
{a}")

```

OUTPUT:

```

Most Poppular Item is ==> Lenovo Laptop
Best Supplier is ==> Raka Ele.
Customer Who Bought Most Products is ==> Kaustubh Mahajan
No of Females are ==> 6

```