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Batch- D4

Division- D

Program code-

import csv

file1=open("C:\\csv\\Sales.csv",'r')

file2=open("C:\\csv\\Sales.csv",'r')

listdata=list(csv.reader(file1,delimiter=','))

listdata1=list(csv.reader(file2,delimiter=','))

o=len(listdata)

informationdata=[]

for i in range(0,o,1):

informationdata.append(listdata[i][2])

```
print("  
%%%%%%%%%  
%%%")
```

```
data_customer=[]
```

```
data_gender=[]
```

```
for i in range(0,o,1):
```

```
    data_customer.append(listdata[i][3])
```

```
for i in range(0,o,1):
```

```
    data_gender.append(listdata[i][4])
```

```
liste=[]
```

```
print(" name")
```

```
for i in data_customer:
```

```
    print(i)
```

```
print(" #####")
```

```
print(" gender")
```

```
for i in data_gender:
```

```
    print(i)
```

```
for i in range(0,o,1):
```

```
    liste.append(data_customer[i]+"
```

```
    "+data_gender[i])
```

for i in liste:

 print(i)

s=tuple(liste)

print(type(s))

print("tuple is")

print(s)

f=[x+'e' for x in liste]

print("#####")

print(f)

s={data_customer[i]:data_gender[i] for i in
range(1,len(data_gender))}

print(s)

Output-

```
in [1]: from IPython.display import Image, HTML
        %matplotlib inline
        name
        Customer Details
        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
        Sanket Kandalkar
        Siddhi Kiwale
        Kaustubh Mahajan
        Yash Mali
        #####
        gender
        Gender
        Male
        Female
        Male
        Male
        Male
        Female
        Male
        Male
```

```
Female
Male
Male
Customer Details      Gender
Kaustubh Mahajan     Male
Siddhi Kiwale        Female
Sanket Kandalkar     Male
Yash Mali            Male
Yash Bagul           Male
Siddhi Kiwale        Female
Sanket Kandalkar     Male
Kaustubh Mahajan     Male
Yash Mali            Male
Siddhi Kiwale        Female
Sanket Kandalkar     Male
Kaustubh Mahajan     Male
Yash Mali            Male
Siddhi Kiwale        Female
Tanuja Mali          Female
Kaustubh Mahajan     Male
Sanket Kandalkar     Male
Siddhi Kiwale        Female
Kaustubh Mahajan     Male
Yash Mali            Male
<class 'tuple'>
tuple is
('Customer Details', 'Gender', 'Kaustubh Mahajan', 'Male', 'Siddhi Kiwale', 'Female', 'Sanket Kandalkar', 'Male', 'Yash Mali', 'Male', 'Yash Bagul', 'Male', 'Siddhi Kiwale', 'Female', 'Sanket Kandalkar', 'Male', 'Kaustubh Mahajan', 'Male', 'Yash Mali', 'Male', 'Siddhi Kiwale', 'Female', 'Tanuja Mali', 'Female', 'Kaustubh Mahajan', 'Male', 'Sanket Kandalkar', 'Male')
#####
['Customer Details', 'Gender', 'Kaustubh Mahajan', 'Malee', 'Siddhi Kiwale', 'Malee', 'Sanket Kandalkar', 'Malee', 'Yash Mali', 'Malee', 'Yash Bagul', 'Malee', 'Siddhi Kiwale', 'Malee', 'Sanket Kandalkar', 'Malee', 'Kaustubh Mahajan', 'Malee', 'Yash Mali', 'Malee', 'Siddhi Kiwale', 'Malee', 'Tanuja Mali', 'Femalee', 'Kaustubh Mahajan', 'Malee', 'Sanket Kandalkar', 'Malee', 'Siddhi Kiwale', 'Malee', 'Sanket Kandalkar', 'Malee', 'Kaustubh Mahajan', 'Malee', 'Yash Mali', 'Malee']
('Kaustubh Mahajan': 'Male', 'Siddhi Kiwale': 'Female', 'Sanket Kandalkar': 'Male', 'Yash Mali': 'Male', 'Yash Bagul': 'Male', 'Tanuja Mali': 'Female')
```