Name- Paras Singh

Roll no.- 461

Batch- D3

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("
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%")

```python
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]: runfile('c:/EDS_practical/tub_assignment/untitled0.py', wdir
   %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
 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', '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')
##################
['Customer Details      Gendere', 'Kaustubh Mahajan      Malee', 'Siddhi Kiwale      Femalee', 'Sanket Kandalkar      Malee', 'Yash Mali      Malee', 'Yash Bagul
Malee', 'Siddhi Kiwale      Femalee', 'Sanket Kandalkar      Malee', 'Kaustubh Mahajan      Malee', 'Yash Mali      Malee', 'Siddhi Kiwale      Femalee', 'Sanket
Kandalkar      Malee', 'Kaustubh Mahajan      Malee', 'Yash Mali      Malee', 'Siddhi Kiwale      Femalee', 'Tanuja Mali      Femalee', 'Kaustubh Mahajan
Malee', 'Sanket Kandalkar      Malee', 'Siddhi Kiwale      Femalee', 'Kaustubh Mahajan      Malee', 'Yash Mali      Malee']
{'Kaustubh Mahajan': 'Male', 'Siddhi Kiwale': 'Female', 'Sanket Kandalkar': 'Male', 'Yash Mali': 'Male', 'Yash Bagul': 'Male', 'Tanuja Mali': 'Female'}
```