

# ASSIGNMENT 1

NAME : ATISH MANIK SHINDE.

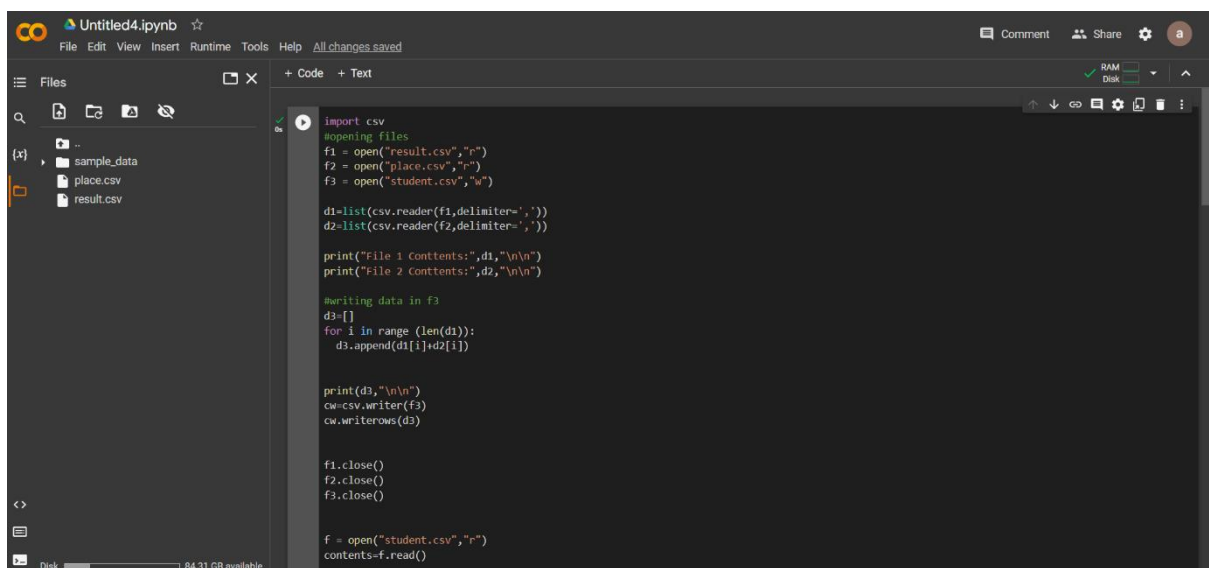
PRN NO : 202201040046.

ROLL NO : 358.

DIV : C.

BATCH : C3.

INPUT.



The screenshot shows a Jupyter Notebook titled 'Untitled4.ipynb'. The left sidebar displays a file explorer with a folder 'sample\_data' containing 'place.csv' and 'result.csv'. The main area shows a Python code cell with the following script:

```
import csv
#opening files
f1 = open("result.csv","r")
f2 = open("place.csv","r")
f3 = open("student.csv","w")

d1=list(csv.reader(f1,delimiter=','))
d2=list(csv.reader(f2,delimiter=','))

print("File 1 Contents:",d1,"\n\n")
print("File 2 Contents:",d2,"\n\n")

#writing data in f3
d3=[]
for i in range (len(d1)):
    d3.append(d1[i]+d2[i])

print(d3,"\n\n")
cw=csv.writer(f3)
cw.writerows(d3)

f1.close()
f2.close()
f3.close()

f = open("student.csv","r")
contents=f.read()
```

```
Untitled4.ipynb ☆
File Edit View Insert Runtime Tools Help All changes saved
RAM Disk
+ Code + Text
for l in range(10):
    words = lines[l].split(",")
    print(words)
    eid.append(int(words[0]))
    nm.append(words[1])
    per.append(int(words[2]))
    sal.append(int(words[3]))

#Max Salary
print("\n\nMaximum Salary is", max(sal),"to",nm[sal.index(max(sal))])

#Min Salary
print("\n\nMinimum Salary is", min(sal),"to",nm[sal.index(min(sal))])

#Sum of salary
print("\n\nTotal salary is",sum(sal))

#Average Salary
print("\n\nAverage Salary is", sum(sal)/len(sal))

#Max percentage
print("\n\nMaximum percentage is", max(per),"to",nm[per.index(max(per))])

#Min percentage
print("\n\nMinimum percentage is", min(per),"to",nm[per.index(min(per))])

#Average percentage
print("\n\nAverage percentage is", sum(per)/len(per))
```

OUTPUT.

```
Untitled4.ipynb ☆
File Edit View Insert Runtime Tools Help All changes saved
RAM Disk
+ Code + Text
File 1 Contents: [['1', 'A', '75'], ['2', 'B', '77'], ['3', 'C', '68'], ['4', 'E', '55'], ['5', 'F', '90'], ['6', 'G', '85'], ['7', 'H', '69'], ['8', 'I', '72'], ['9', 'J', '88'], ['10', 'K', '89']]
File 2 Contents: [['450000'], ['850000'], ['170000'], ['580000'], ['680000'], ['2000000'], ['850000'], ['350000'], ['680000'], ['990000']]

[['1', 'A', '75', '450000'], ['2', 'B', '77', '850000'], ['3', 'C', '68', '170000'], ['4', 'E', '55', '580000'], ['5', 'F', '90', '680000'], ['6', 'G', '85', '2000000'], ['7', 'H', '69', '850000'], ['8', 'I', '72', '350000'], ['9', 'J', '88', '680000'], ['10', 'K', '89', '990000']]

Maximum Salary is 2000000 to G

Minimum Salary is 170000 to C

Total salary is 7600000

Average Salary is 760000.0

Maximum percentage is 90 to F
```

Untitled4.ipynb ☆  
File Edit View Insert Runtime Tools Help All changes saved

Files  
[-]  
sample\_data  
place.csv  
result.csv  
student.csv

+ Code + Text  
[[["1", "A", "75", "450000"], ["2", "B", "77", "850000"], ["3", "C", "68", "170000"], ["4", "E", "55", "580000"], ["5", "F", "90", "680000"], ["6", "G", "85", "2000000"], ["7", "H", "69", "850000"], ["8", "I", "72", "350000"], ["9", "J", "88", "680000"], ["10", "K", "83", "990000"]]]  
  
Maximum Salary is 2000000 to G  
  
Minimum Salary is 170000 to C  
  
Total salary is 7600000  
  
Average Salary is 760000.0  
  
Maximum percentage is 90 to F  
  
Minimum percentage is 55 to E  
  
Average percentage is 76.8

RAM  
Disk