

Assignment 1

Name: Prajwal Dilip Ganar

Roll No: 220

PRN No: 202201040034

Div: B1

INPUT

```
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 Conttents:",d1,"\n\n")
print("File 2 Conttents:",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()
```

```

lines=contents.split("\n")

eid = []; nm = []; per = []; sal = [];

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

```

File 1 Conttents: [['1', 'A', '56'], ['2', 'B', '82'], ['3', 'C',
'93'], ['4', 'E', '45'], ['5', 'F', '91'], ['6', 'G', '89'], ['7', 'H',
'76'], ['8', 'I', '70'], ['9', 'J', '83'], ['10', 'K', '87']]

```

```
File 2 Contents: [['500000'], ['800000'], ['1200000'], ['700000'],
['650000'], ['1000000'], ['850000'], ['350000'], ['680000'],
['950000']]
```

```
[['1', 'A', '56', '500000'], ['2', 'B', '82', '800000'], ['3', 'C',
'93', '1200000'], ['4', 'E', '45', '700000'], ['5', 'F', '91',
'650000'], ['6', 'G', '89', '1000000'], ['7', 'H', '76', '850000'],
['8', 'I', '70', '350000'], ['9', 'J', '83', '680000'], ['10', 'K',
'87', '950000']]
```

```
['1', 'A', '56', '500000']
['2', 'B', '82', '800000']
['3', 'C', '93', '1200000']
['4', 'E', '45', '700000']
['5', 'F', '91', '650000']
['6', 'G', '89', '1000000']
['7', 'H', '76', '850000']
['8', 'I', '70', '350000']
['9', 'J', '83', '680000']
['10', 'K', '87', '950000']
```

Maximum Salary is 1200000 to C

Minimum Salary is 350000 to I

Total salary is 7680000

Average Salary is 768000.0

Maximum percentage is 93 to C

Minimum percentage is 45 to E

Average percentage is 77.2

Link for Program:

https://colab.research.google.com/drive/1_vSMwwVk8NFLBI1eNVGIVAf4_uJ4sdG6?usp=share_link