EDS - ASSIGNMENT 1

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ROLL NO   **: 745**

Batch   **: G-3**

INPUT

Assignment 1 343.ipynb ☆

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+ Code   + Text

```python
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]))
```

```python
#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 Conttents: [['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',

['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

Pdf link of program :

https://drive.google.com/file/d/1Q821oRTN_zJB34_HkA9YRKTcIFDek LFR/view?usp=share_link

Links for Files :

1. https://drive.google.com/file/d/1uJdu1HRgRXwf0uFz-BIboEdA9UteJuXY/view?usp=share_link
2. https://drive.google.com/file/d/14bE1gAo_7mDCCTYBP2nsH XW-SIY0u57s/view?usp=share_link

Link for colab

https://colab.research.google.com/drive/1rb-GNv7r0os3oURb7aGKjPou7mw0aazl?usp=sharing