

# ASSIGNMENT 1

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DIV : C-4

# INPUT



+ Code + Text



{x}



```
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 Contents: [['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'], ['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']]

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

```

```

File 1 Contents: [['1', 'A', '56'], ['2', 'B', '82'], ['3', 'C', '93'], ['4', 'E', '45']]

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```

File 2 Contents: [['500000'], ['800000'], ['1200000'], ['700000'], ['650000'], ['1000000']]

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```

[['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']]

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Maximum Salary is 1200000 to C

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Minimum Salary is 350000 to I

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Total salary is 7680000

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Average Salary is 768000.0

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Maximum percentage is 93 to C

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Minimum percentage is 45 to E

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Average percentage is 77.2

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**Pdf link of program :**

[https://drive.google.com/file/d/1Q821oRTN\\_zJB34\\_HkA9YRKTcIFDekLFR/view?usp=share\\_link](https://drive.google.com/file/d/1Q821oRTN_zJB34_HkA9YRKTcIFDekLFR/view?usp=share_link)

**Links for Files :**

<https://drive.google.com/file/d/17zq8vuoc9Zc3qfyP5emOb0k7443F0xjF/view?usp=sharing>

[https://drive.google.com/file/d/1MNREpyIFYZU1kpxMeURSu7IJEMM\\_SQ\\_o/view?usp=sharing](https://drive.google.com/file/d/1MNREpyIFYZU1kpxMeURSu7IJEMM_SQ_o/view?usp=sharing)

**Link for colab**

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