Assignment 1

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INPUT

```python
import csv
#opening files
f1 = open("RESULT - Sheet1.csv","r")
f2 = open("place - Sheet1.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)
```

```python
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', '99'], ['2', 'B', '95'], ['3', 'C', '80'],
['4', 'D', '93'], ['5', 'E', '85'], ['6', 'F', '86'], ['7', 'G', '75'],
['8', 'H', '81'], ['9', 'I', '87'], ['10', 'J', '91']]


File 2 Conttents: [['1000000'], ['800000'], ['900000'], ['700000'],
['500000'], ['600000'], ['10000000'], ['90000000'], ['3000000'],
['20000000']]


[['1', 'A', '99', '1000000'], ['2', 'B', '95', '800000'], ['3', 'C',
'80', '900000'], ['4', 'D', '93', '700000'], ['5', 'E', '85', '500000'],
['6', 'F', '86', '600000'], ['7', 'G', '75', '10000000'], ['8', 'H',
'81', '90000000'], ['9', 'I', '87', '3000000'], ['10', 'J', '91',
'20000000']]


['1', 'A', '99', '1000000']
['2', 'B', '95', '800000']
['3', 'C', '80', '900000']
['4', 'D', '93', '700000']
['5', 'E', '85', '500000']
['6', 'F', '86', '600000']
['7', 'G', '75', '10000000']
['8', 'H', '81', '90000000']
['9', 'I', '87', '3000000']
['10', 'J', '91', '20000000']
```

Maximum Salary is 90000000 to H

Minimum Salary is 500000 to E

Total salary is 127500000

Average Salary is 12750000.0

Maximum percentage is 99 to A

Minimum percentage is 75 to G

Average percentage is 87.2