

# EDS ASSIGNMENT 1

- NAME – SIDDHARTH DNYANESHWAR TAMBE
- PRN NO. – 202201090172
- ROLL NO. – 364
- DIV. – C

INPUT



+ Code + Text

... Connecting



```
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()

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', 'Siddharth', '92'], ['2', 'Dnyanraj', '82'],  
['3', 'Atish', '94'], ['4', 'Ojas', '85'], ['5', 'Suryansh', '91'],  
['6', 'Mangesh', '80'], ['7', 'Shrikrushana', '76'], ['8', 'Sahil',  
'74'], ['9', 'Rohan', '89'], ['10', 'Vinay', '94']]
```

```
File 2 Contents: [['1500000'], ['850000'], ['1300000'], ['750000'],  
['650000'], ['1000000'], ['900000'], ['400000'], ['700000'],  
['1000000']]
```

```
 [['1', 'Siddharth', '92', '1500000'], ['2', 'Dnyanraj', '82',  
'850000'], ['3', 'Atish', '94', '1300000'], ['4', 'Ojas', '85',  
'750000'], ['5', 'Suryansh', '91', '650000'], ['6', 'Mangesh', '80',  
'1000000'], ['7', 'Shrikrushana', '76', '900000'], ['8', 'Sahil', '74',  
'400000'], ['9', 'Rohan', '89', '700000'], ['10', 'Vinay', '94',  
'1000000']]
```

```
['1', 'Siddharth', '92', '1500000']  
['2', 'Dnyanraj', '82', '850000']  
['3', 'Atish', '94', '1300000']  
['4', 'Ojas', '85', '750000']  
['5', 'Suryansh', '91', '650000']  
['6', 'Mangesh', '80', '1000000']  
['7', 'Shrikrushana', '76', '900000']  
['8', 'Sahil', '74', '400000']  
['9', 'Rohan', '89', '700000']  
['10', 'Vinay', '94', '1000000']
```

Maximum Salary is 1500000 to Siddharth

Minimum Salary is 400000 to Sahil

Total salary is 9050000

Average Salary is 905000.0

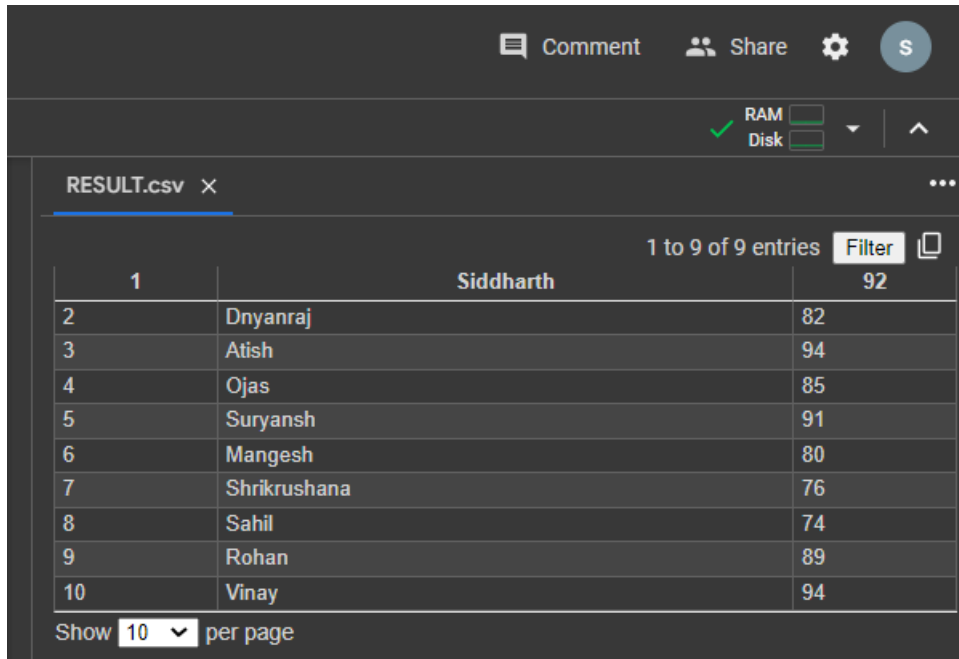
Maximum percentage is 94 to Atish

Minimum percentage is 74 to Sahil

Average percentage is 85.7

# INPUT FILES:

## RESULT.csv

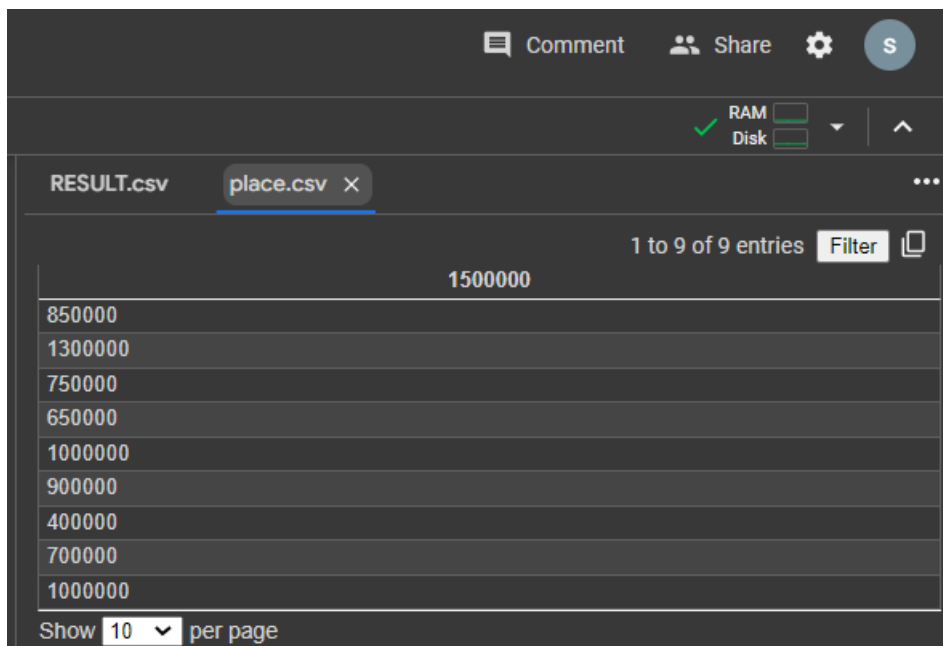


The screenshot shows a web application interface with a dark theme. At the top, there are icons for 'Comment', 'Share', and a settings gear, along with a user profile icon labeled 'S'. Below these, there are status indicators for 'RAM' and 'Disk' with green checkmarks and progress bars. The main content area displays a table titled 'RESULT.csv' with a close button 'x' and a menu icon '...'. The table has 9 entries, with the first entry highlighted. The table columns are labeled '1', 'Siddharth', and '92'. The data rows are as follows:

1	Siddharth	92
2	Dnyanraj	82
3	Atish	94
4	Ojas	85
5	Suryansh	91
6	Mangesh	80
7	Shrikrushana	76
8	Sahil	74
9	Rohan	89
10	Vinay	94

Below the table, there is a 'Show 10 per page' dropdown menu.

## place.csv



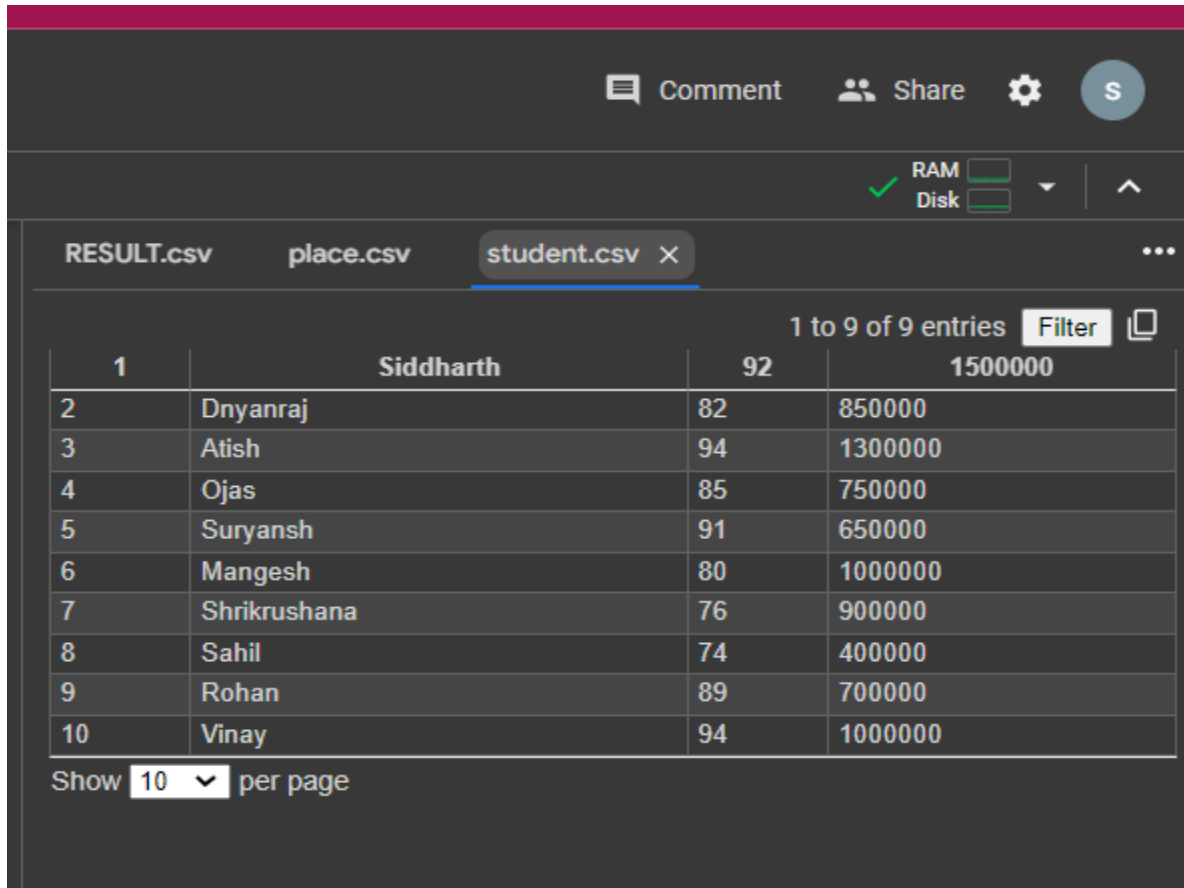
The screenshot shows the same web application interface as above, but with the 'place.csv' file selected. The table has 9 entries, with the first entry highlighted. The table columns are labeled '1500000', '850000', '1300000', '750000', '650000', '1000000', '900000', '400000', '700000', and '1000000'. The data rows are as follows:

1500000	850000	1300000	750000	650000	1000000	900000	400000	700000	1000000
850000	1300000	750000	650000	1000000	900000	400000	700000	1000000	

Below the table, there is a 'Show 10 per page' dropdown menu.

# OUTPUT FILES:

## Student.csv



Comment Share Settings S

✓ RAM  Disk

RESULT.csv place.csv student.csv ×

1 to 9 of 9 entries Filter

1	Siddharth	92	1500000
2	Dnyanraj	82	850000
3	Atish	94	1300000
4	Ojas	85	750000
5	Suryansh	91	650000
6	Mangesh	80	1000000
7	Shrikrushana	76	900000
8	Sahil	74	400000
9	Rohan	89	700000
10	Vinay	94	1000000

Show 10 per page