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### **AIM:**

Take/Prepare any text files for any real life application. For Ex. "Stud.txt" , "Placement.csv" and "Result.csv" files for result Analysis Combine into "StudentDetails.csv". Perform all statistical analysis(Average , Max , Min , Count ,Sum ,Percentage) on it .

### **INPUT:**

```
import csv

f1=open("/content/stud.csv","r")
f2=open("/content/cg (1).csv","r")
f3=open("/content/student detail.csv","w")

d1=list(csv.reader(f1,delimiter=","))
d2=list(csv.reader(f2,delimiter=","))

print("\nFile 1 contents: ",d1)
print("\nFile 2 contents: ",d2)
d3=[]
for i in range (len(d1)):
    d3.append(d1[i]+d2[i])

print(d3)
cw=csv.writer(f3)
cw.writerows(d3)

print(max(d3) )

f1.close()
f2.close()
```

```

f3.close()
cgpa=[]
with open('/content/student detail.csv', mode ='r') as file:

    csvFile = csv.reader(file)

    for lines in csvFile:
        cgpa.append(float(lines[4]))

print("\nMaximum cgpa:", max(cgpa))
print("Minimum cgpa:", min(cgpa))
print("Sum of cgpa:", sum(cgpa))
print("Average cgpa:", sum(cgpa)/len(cgpa))

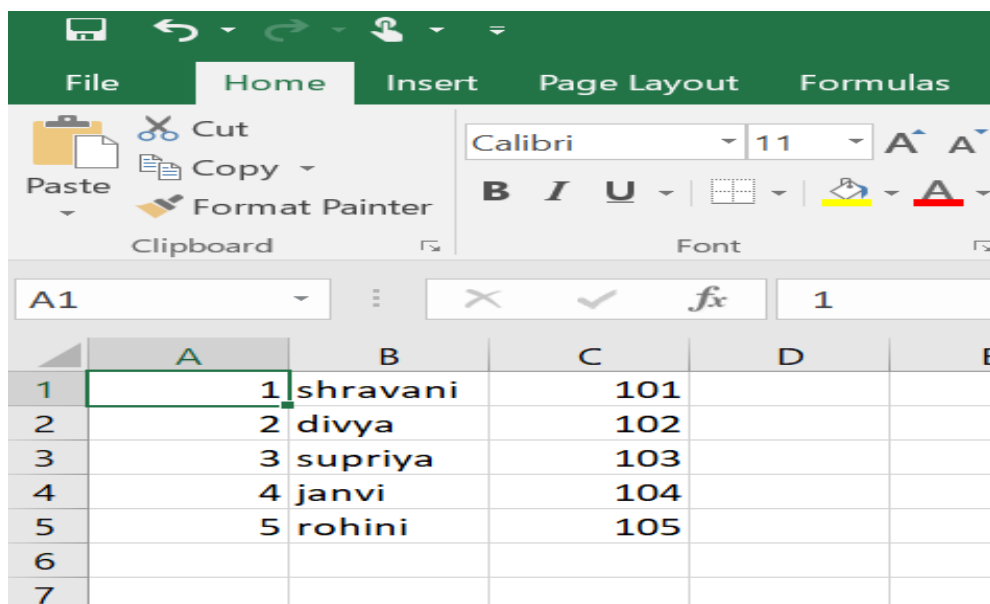
```

## Output:

File 1 contents: [['1', 'shravani', '101'], ['2', 'divya', '102'], ['3', 'supriya', '103'], ['4', 'janvi', '104'], ['5', 'rohini', '105']]

File 2 contents: [['1', '9.9'], ['2', '9.8'], ['3', '9.7'], ['4', '8.2'], ['5', '7.9']]  
 [['1', 'shravani', '101', '1', '9.9'], ['2', 'divya', '102', '2', '9.8'], ['3', 'supriya', '103', '3', '9.7'], ['4', 'janvi', '104', '4', '8.2'], ['5', 'rohini', '105', '5', '7.9']]  
 ['5', 'rohini', '105', '5', '7.9']]

Maximum cgpa: 9.9  
 Minimum cgpa: 7.9  
 Sum of cgpa: 45.5  
 Average cgpa: 9.1



	A	B	C	D	E
1	1	shravani	101		
2	2	divya	102		
3	3	supriya	103		
4	4	janvi	104		
5	5	rohini	105		
6					
7					

**Stud.csv file**

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	A	B	C	D
1	1	9.9		
2	2	9.8		
3	3	9.7		
4	4	8.2		
5	5	7.9		
6				

**Cg.csv file**