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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.writerow(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)

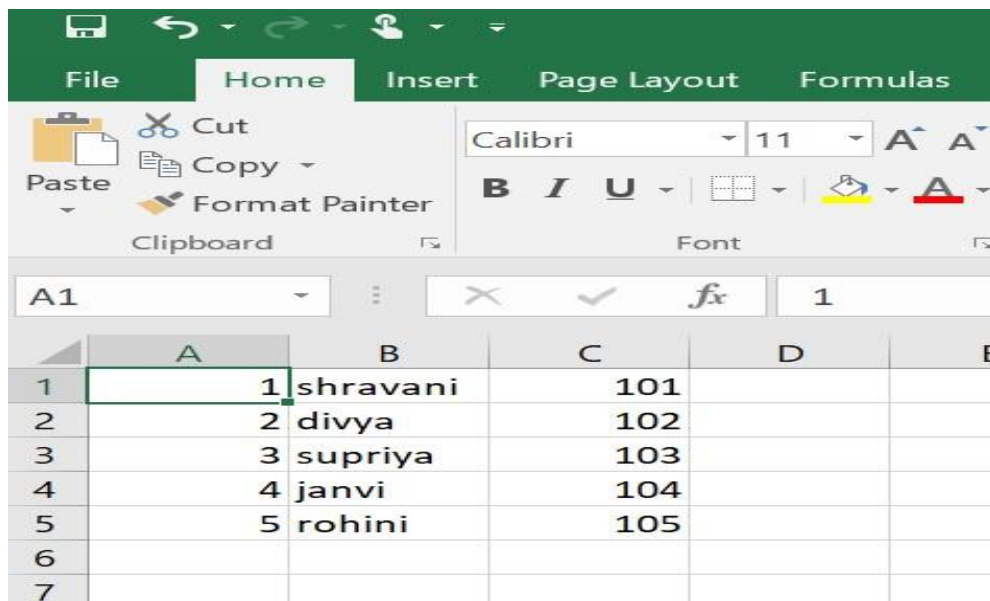
    for lines in csvFile:
        cgpa.append(float(lines[4]))
    print("\nMaximum    cgpa:",    max(cgpa))
print("Minimum    cgpa:",    min(cgpa))
print("Sum        of    cgpa:",sum(cgpa))
print("Average cgpa:",sum(cgpa)/len(cgpa))
```

## Output:

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

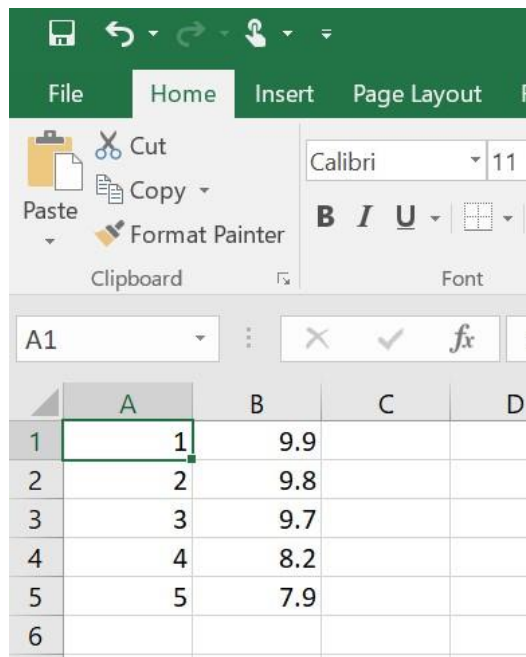
File 2 contents: [['1', '9.9'], ['2', '9.8'], ['3', '9.7'], ['4', '8.2'], ['5', '7.9']]  
[['1', 'shravani', '101', '1', '9.9'], ['2', 'divya', '102', '2', '9.8'], ['3', 'supriya', '103', '3', '9.7'], ['4', 'janvi', '104', '4', '8.2'], ['5', 'rohini', '105', '5', '7.9']]  
['5', 'rohini', '105', '5',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



The screenshot shows the Microsoft Excel interface with the 'Home' tab selected. The ribbon includes the 'Clipboard' group with 'Cut', 'Copy', 'Paste', and 'Format Painter' options. The 'Font' group shows 'Calibri' font and size '11'. The spreadsheet has columns A, B, C, and D, and rows 1 through 6. The data in the spreadsheet is as follows:

	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