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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:

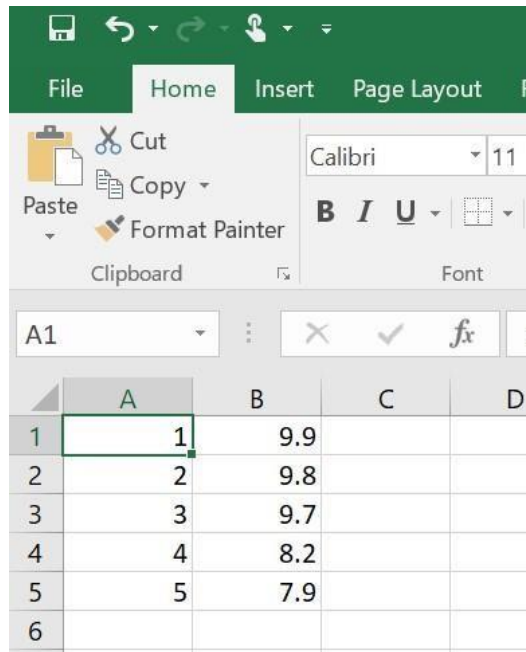
File 1 contents: [['1', 'shravani', '101'], ['2', 'divya', '102'], ['3', 'supriya', '103'], ['4', 'janvi', '104'], ['5', 'rohini', '105']]

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

File Home Insert Page Layout Formulas					
Paste		Clipboard		Font	
A1		Calibri 11		B I U	
	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 (Cut, Copy, Paste, Format Painter) and the 'Font' group (Calibri font, size 11, Bold, Italic, Underline, and a text color dropdown). The spreadsheet area displays data from a CSV file. The active cell is A1, which contains the value '1'. The data is organized into columns A, B, C, and D, and rows 1 through 6. The values in column B are 9.9, 9.8, 9.7, 8.2, 7.9, and an empty cell for row 6.

	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