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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 .

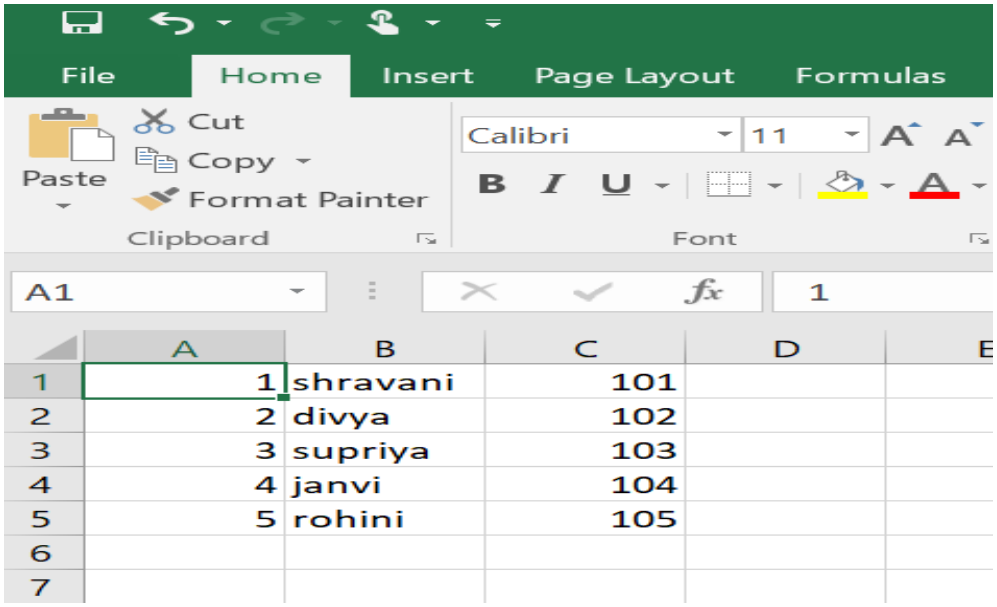
INPUT:

```
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()
```

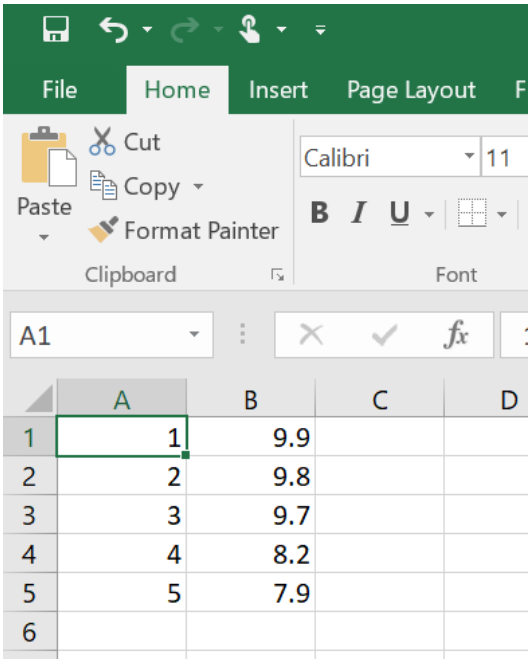
```
f3.close()
cgpa=[]
with open('/content/student detail.csv', mode ='r')as file:

  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
```



Stud.csv file


File
Home
Insert
Page Layout
Cut
Copy
Format Painter
Paste
Clipboard
Calibri
11
Font
A1
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