TITLE — Practical 1(EDS)

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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("studentttt.csv", "r")
    f2=open("grades.csv", "r")
    f3=open("stud info", "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/stud_info', mode ='r')as file:
```

```
with open('/content/stud_info', 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', 'mayank', '337'], ['2', 'kausthub', '326'], ['3', 'pratham', '357'], ['4', 'shravani', '315'], ['5', 'nandini', '384']]

File 2 contents:

[['1', '10'], ['2', '9.95'], ['3', '9.6'], ['4', '9'], ['5', '8.2']] [['1', 'mayank', '337', '1', '10'], ['2', 'kausthub', '326', '2', '9.95'], ['3', 'pratham', '357', '3', '9.6'], ['4', 'shravani', '315', '4', '9'], ['5', 'nandini', '384', '5', '8.2']

Maximum cgpa: 10.0

Minimum cgpa: 8.2

Sum of cgpa: 46.75

Average cona. 9 35

```
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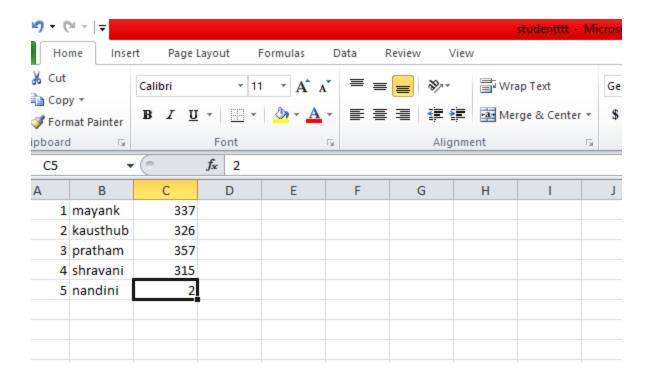
['5', 'nandini', '384', '5', '8.2']
```

Maximum cgpa: 10.0

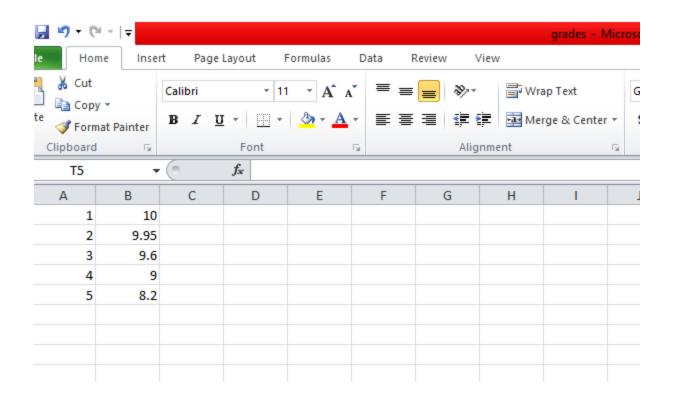
Minimum cgpa: 8.2

Sum of cgpa: 46.75

Average cgpa: 9.35



https://drive.google.com/file/d/1Jwg2x pkbbgC1RIR9VBhxYT HA2KoLsd-/view?usp=sharing Studentttt file



https://drive.google.com/file/d/1Q-Z9zQaGqzO6eSjkvfvmDxK84UsO9VU3/v iew?usp=share link Grades file