## Assignment 1

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## Assignment no. 1

```
import csv
f1=open("student.csv","r")
f2=open("grade.csv","r")
f3=open("student_details","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_details', mode ='r')as file:
 csvFile = csv.reader(file)
```

```
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

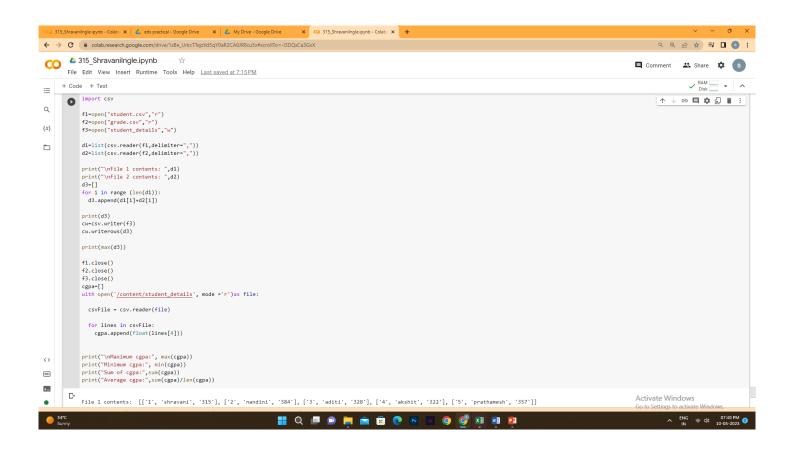
for lines in csvFile:

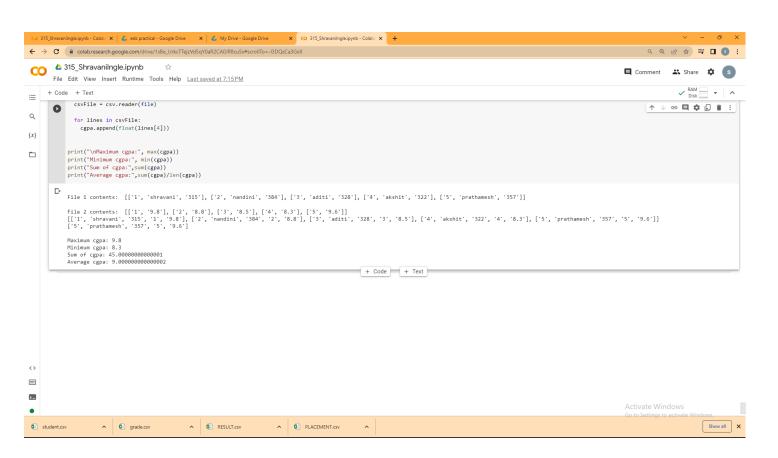
```
File 1 contents: [['1', 'shravani', '315'], ['2', 'nandini', '384'], ['3', 'aditi', '328'], ['4', 'akshit', '322'], ['5', 'prathamesh', '357']]

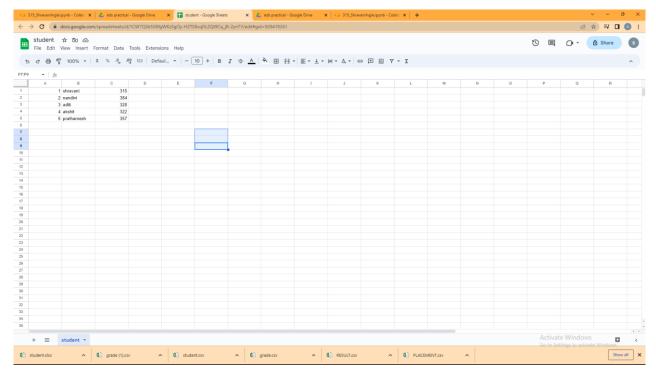
File 2 contents: [['1', '9.8'], ['2', '8.8'], ['3', '8.5'], ['4', '8.3'], ['5', '9.6']]
[['1', 'shravani', '315', '1', '9.8'], ['2', 'nandini', '384', '2', '8.8'], ['3', 'aditi', '328', '3', '8.5'], ['4', 'akshit', '322', '4', '8.3'], ['5', 'prathamesh', '357', '5', '9.6']

Maximum cgpa: 9.8
Minimum cgpa: 9.8
Minimum cgpa: 8.3
```

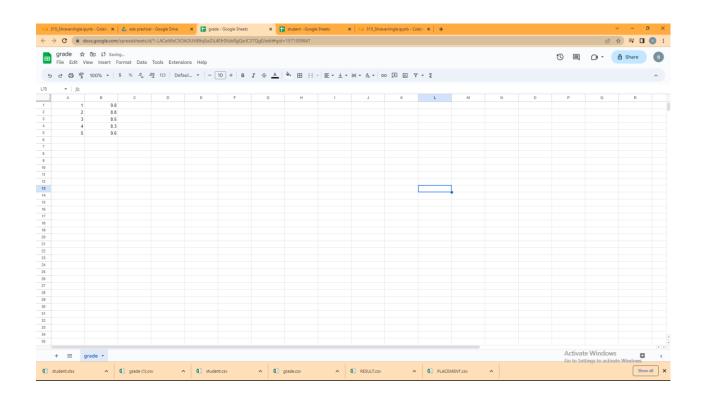
Sum of cgpa: 45.000000000000001 Average cgpa: 9.0000000000000002







student.csv



Grade.csv