

# Assignment 1

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Roll no. – 315

Class – C1

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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)
```

```
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', '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']]  
['5', 'prathamesh', '357', '5', '9.6']
```

```
Maximum cgpa: 9.8
```

```
Minimum cgpa: 8.3
```

```
Sum of cgpa: 45.000000000000001
```

```
Average cgpa: 9.000000000000002
```

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```
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)

    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))
```

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

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```
csvFile = csv.reader(file)

for lines in csvFile:
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print("\nMaximum cgpa:", max(cgpa))
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print("Average cgpa:",sum(cgpa)/len(cgpa))
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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: 8.3  
Sum of cgpa: 45.000000000000001  
Average cgpa: 9.000000000000002

student.csv

grade.csv

RESULT.csv

PLACEMENT.csv

Show all

student

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		1 shrvani	315															
2		2 nandini	384															
3		3 aditi	328															
4		4 akshita	322															
5		5 prathamesh	357															
6																		
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student.csv

grade

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	1	9.8																
2	2	8.8																
3	3	8.5																
4	4	8.3																
5	5	9.6																
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Grade.csv