s3yosriw8

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[15]:
```
import csv
file=open('/content/drive/MyDrive/stud_info.csv','r')
data1=list(csv.reader(file))
print(data1)
```

```
[['Roll No', 'name', 'Gender', 'DOB'], ['1', 'Paras', 'Male', '5/4/1988'], ['2',
'Prasad', 'Male', '4/5/1987'], ['3', 'Rohan', 'Male', '9/9/1990'], ['4',
'Harshada', 'Female', '2/8/1990'], ['5', 'Priyanka', 'Female', '2/9/1989'],
['6', 'Rohit', 'Male', '3/9/1989'], ['7', 'Suresh', 'Male', '4/9/1990'], ['8',
'Ganesh', 'Male', '5/5/1991'], ['9', 'Komal', 'Female', '6/9/1989'], ['10',
'Mayuri', 'Female', '7/2/1988']]
```

[16]:
```
file=open('/content/drive/MyDrive/student_marks.csv','r')
data2=list(csv.reader(file))
print(data2)
```

```
[['Roll', 'Maths', 'Physics', 'Chemistry', 'Total', 'Percentage'], ['1', '55',
'45', '56', '156', '52.00'], ['2', '75', '55', '55', '185', '61.67'], ['3',
'25', '54', '89', '168', '56.00'], ['4', '78', '55', '86', '219', '73.00'],
['5', '58', '96', '78', '232', '77.33'], ['6', '88', '78', '58', '224',
'74.67'], ['7', '56', '89', '69', '214', '71.33'], ['8', '54', '55', '88',
'197', '65.67'], ['9', '46', '66', '65', '177', '59.00'], ['10', '89', '87',
'54', '230', '76.67']]
```

[17]:
```
file=open('/content/drive/MyDrive/stud_placement.csv','r')
data3=list(csv.reader(file))
print(data3)
```

```
[['Roll No', 'Company', 'JobRole', 'Package'], ['1', 'Infosys', 'Data Analyst',
'8.9'], ['2', 'KPIT', 'Java Developer', '7'], ['3', 'TCS', 'Data Scientist',
'4.5'], ['4', 'Infosys', 'Data Analyst', '9'], ['5', 'Cisco', 'Java Developer',
'9.6'], ['6', 'Oracle', 'Data Scientist', '12.6'], ['7', 'TCS', 'Tester',
'5.6'], ['8', 'Infosys', 'Tester', '9'], ['9', 'Amazon', 'Database Admin',
'12'], ['10', 'Mindtree', 'Database Admin', '8.31']]
```

[10]:
```
print("Math Marks=",Maths)
print("Phyics Marks=",Physics)
print("Chemistry Marks=",Chemistry)
```

```
math=[int(i) for i in Maths]
physics=[int(i) for i in Physics]
chemistry=[int(i) for i in Chemistry]
sum_of_marks=[]
avg=[]
for i in range(len(math)):
    sum_of_marks.append(math[i]+physics[i]+chemistry[i])
    avg.append(round(sum_of_marks[i],2))
print("Sum of Marks=",sum_of_marks)
print("Average Marks=",avg)
```

```
Math Marks= ['55', '75', '25', '78', '58', '88', '56', '54', '46', '89']
Phyics Marks= ['45', '55', '54', '55', '96', '78', '89', '55', '66', '87']
Chemistry Marks= ['56', '55', '89', '86', '78', '58', '69', '88', '65', '54']
Sum of Marks= [156, 185, 168, 219, 232, 224, 214, 197, 177, 230]
Average Marks= [156, 185, 168, 219, 232, 224, 214, 197, 177, 230]
```

[11]:
```
print("Maximum Marks=",max(avg))
```

```
Maximum Marks= 232
```

[12]:
```
print("Minimum Marks=",min(avg))
```

```
Minimum Marks= 156
```

[13]:
```
print("Total No of Student=",len(studentdata[0]))
per=[]
for i in range(len(sum_of_marks)):
    per.append(round((100*sum_of_marks[i]/270),2))
print("Percentage=",per)
```

```
Total No of Student= 10
Percentage= [57.78, 68.52, 62.22, 81.11, 85.93, 82.96, 79.26, 72.96, 65.56,
85.19]
```