```
import pandas as pdimport csv

f1=open("D:\\ EDS PRACTICAL\\stud_info.csv","r")




info_dataset=[]while True:

data=f1.readline()if data:

info_dataset.append(data.replace("\n","").split(","))else:

break;




RollNo=[] name=[] Gender=[]DOB=[]

for row in info_dataset[1:]:RollNo.append(row[0])


name.append(row[1]) Gender.append(row[2])DOB.append(row[3])
```

```
f2=open("D:\\ EDS PRACTICAL\\stud_placement.csv","r")

placement_dataset=[]while True:
data=f2.readline()if data:
placement_dataset.append(data.replace("\n","").split(","))else:
break;

RollNo=[] Company=[]
```

JobRole=[]Package=[]

for row in placement_dataset[1:]:RollNo.append(row[0]) Company.append(row[1]) JobRole.append(row[2]) Package.append(row[3])

f3=open("D:\\ EDS PRACTICAL\\student_marks.csv","r")

marks_dataset=[]while True:

data=f3.readline()if data:

marks_dataset.append(data.replace("\n","").split(","))else:

break;

Roll=[] Maths=[] Physics=[] Chemistry=[] Total=[] Percentage=[]

```
for row in marks_dataset[1:]:Roll.append(row[0]) Maths.append(row[1])
Physics.append(row[2]) Chemistry.append(row[3]) Total.append(row[4])
Percentage.append(row[5])
```

```
studentdata=[] studentdata.append(Roll) studentdata.append(name)
studentdata.append(Gender)studentdata.append(DOB)
```

```
studentdata.append(Maths) studentdata.append(Physics)
studentdata.append(Chemistry) studentdata.append(Total)
studentdata.append(Percentage)studentdata.append(Company)
studentdata.append(JobRole) studentdata.append(Package)
```

```
student_details=[]

for i in range(len(marks_dataset)):
```

```
student_details.append(info_dataset[i]+marks_dataset[i]+placement_dataset[i
])
```

```
fw = open("D:\\ EDS PRACTICAL\\student_details.csv", "w")for row in
student_details:
w=csv.writer(fw)

w.writerow(row)fw.close()

f1=pd.read_csv(r"D:\\ EDS PRACTICAL\\student_details.csv")print(f1)
i=0
```

```
Maths_sum1=f1["Maths"].sum() Physics_sum1=f1["Physics"].sum()
Chemistry_sum1=f1["Chemistry"].sum()

Maths_max1=f1["Maths"].max() Physics_max1=f1["Physics"].max()
Chemistry_max1=f1["Chemistry"].max()

Maths_min1=f1["Maths"].min() Physics_min1=f1["Physics"].min()
Chemistry_min1=f1["Chemistry"].min()

Maths_count1=f1["Maths"].count() Physics_count1=f1["Physics"].count()
Chemistry_count1=f1["Chemistry"].count()

Maths_ave1=f1["Maths"].mean() Physics_ave1=f1["Physics"].mean()
Chemistry_ave1=f1["Chemistry"].mean()

print("sum of maths",Maths_sum1) print("sum of physics",Physics_sum1)
print("sum of chemistory",Chemistry_sum1)print("max of math",Maths_max1)
print("max of physics",Physics_max1) print("max of chemistry",Chemistry_max1)
print("min of maths",Maths_min1) print("min of physics",Physics_min1) print("min
of chemistry",Chemistry_min1) print("count of maths",Maths_count1) print("count
of physics",Physics_count1) print("count of maths",Chemistry_count1)
print("average of maths",Maths_ave1) print("average of physics",Physics_ave1)
```

```
print("average of chemistory",Chemistry_ave1)
```