

Roll no 449  
Name Shashank Patokar  
PNR 202201090052  
Division D (D3)

```
# Find statistical analysis of Student Records
```

```
f = open("student.csv","r")
```

```
contents = f.read()
```

```
lines = contents.split("\n")
```

```
eid = []; nm = []; collage = []; marks = [];
```

```
for l in lines:
```

```
    words = l.split(",")
```

```
    print(words)
```

```
    eid.append(int(words[0]))
```

```
    nm.append(words[1])
```

```
    collage.append(words[2])
```

```
    marks.append(int(words[3]))
```

```
print("student Roll No:",eid)
```

```
print("student Names:",nm)
```

```
print("student DEsignations:",collage)
```

```
print("student marks:",marks)
```

```
#Max marksary
```

```
print("Maximum marks:", max(marks))
```

```
#Min marks
```

```
print("Minimum marks:", min(marks))
```

```
#Average marks
```

```
print("Average marks:", sum(marks)/len(marks))
```

```
#Total marks
```

```
print("Total marks:", sum(marks))
```

```
#student whose marks is maximum
```

```
print("student Name whose marks is maximum", nm[marks.index(max(marks))])
```

```
#student whose Designation is coep
```

```
print("student Name whose designation is coep",end=" ")
```

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

```
    if collage[i] == "coep" or collage[i] == "coep":
```

```
        print(nm[i], end=" ")
```

```

#student whose marks is 95
print("student Name whose marks is 95 : ", nm[marks.index(95)])

#student whose marks is minimum
print("\nstudent Name whose marks is minimum :", nm[marks.index(min(marks))])

#student whose Designation is ssgms
print("student Name whose designation is ssgms",end=" ")
for i in range(len(collage)):
    if collage[i] == "ssgms" or collage[i] == "ssgms":
        print(nm[i], end=" ")

f = 0
#student whose marks is 80
for i in range(len(marks)):
    if marks[i] == 80:
        print("\n student Name whose marks is 80:",nm[i])
        f = 1

if(f == 0):
    print("\nNo any student present whose marks is 80:",nm[i])

```

#output

```

['450', 'Om', 'ssgms', '89']
student Roll No: [450]
student Names: ['Om']
student DDesignations: ['ssgms']
student marks: [89]

```

```

['456', 'Sameer', 'coop', '95']
student Roll No: [456]
student Names: ['Om', 'Sameer']
student DDesignations: ['ssgms', 'coop']
student marks: [95]
['447', 'Ayush', 'pccoe', '80']
student Roll No: [447]
student Names: ['Ayush']
student DDesignations: ['pccoe']
student marks: [80]

```

```

['449', 'Shashank', 'viit', '92']
student Roll No: [450, 456, 447, 449]
student Names: ['Shashank']
student DDesignations: ['ssgms', 'coop', 'pccoe',

```

```

['0', 'Mahesh', 'mitaoe', '79']
student Roll No: [450, 456, 447, 449, 0]
student Names: ['Om', 'Sameer', 'Ayush', 'Shashank', 'Mahesh']
student DDesignations: ['ssgms', 'coop', 'pccoe', 'viit', 'mitaoe']
student marks: [89, 95, 80, 92, 79]

```

Maximum marks: 95  
Minimum marks: 79  
Average marks: 87.0  
["]