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ROLL NO. : 756 (BATCH : G3)

```
import csv
```

```
file2 = open("Placement.csv", 'r')
```

```
file1 = open("Result.csv", 'r')
```

```
file3 = open("Stud.csv", 'r')
```

```
listinfo = []
```

```
for i in file1:
```

```
    print(i)
```

```
for i in file2:
```

```
    print(i)
```

```
for i in file3:
```

```
    print(i)
```

```
file2.close()
```

```
file1.close()
```

```
file3.close()
```

```
file2 = open("Placement.csv", 'r')
```

```
file1 = open("Result.csv", 'r')
```

```
file3 = open("Stud.csv", 'r')
```

```
data1 = list(csv.reader(file1, delimiter=','))
```

```
data2 = list(csv.reader(file2, delimiter=','))
```

```
data3 = list(csv.reader(file3, delimiter=','))
```

```
for i in range(6):
```

```
    listinfo.append(data1[i] + data2[i] + data3[i])
```

```
for i in listinfo:
```

```
print(i)
```

```
b = len(listinfo)
```

```
listm1 = []
```

```
listsal=[]
```

```
for i in range(1, b, 1):
```

```
    listm1.append(int(listinfo[i][2]))
```

```
    listsal.append(int(listinfo[i][4]))
```

```
listm1.sort()
```

```
print("stored value are", listm1)
```

```
print("the highest marks in sub 1 = ", max(listm1))
```

```
print("the lowest marks in sub 1 = ", min(listm1))
```

```
m = sum(listm1) / len(listm1)
```

```
print("the average marks in sub1 = ", m)
```

```
file2.close()
```

```
file1.close()
```

```
listm2=[]
```

```
for i in range(1, b, 1):
```

```
    listm2.append(int(listinfo[i][1]))
```

```
listm2.sort()
```

```
print("stored value are", listm2)
```

```
print("the highest marks in sub 2 = ", max(listm2))
```

```
print("the lowest marks in sub 2 = ", min(listm2))
```

```
m = sum(listm2) / len(listm2)
```

```
print("the average marks in sub 2 = ", m)
```

```
listsal.sort()
```

```
print("stored value are", listsal)
```

```
print("the highest pacakage = ", max(listsal))
```

```
print("the lowest pacakage = ", min(listsal))
```

```

n = sum(listsal) / len(listsal)

print("the average marks in sub1 = ", n)

print("No of students Placed", len(listsal))

```

```
file2.close()
```

```
file1.close()
```

The image shows two screenshots of a Visual Studio Code editor window. The top screenshot shows the Python script being executed, and the bottom screenshot shows the output of the script in the terminal.

**Python Script (Top Screenshot):**

```

1 import csv
2
3 file2 = open("Placement.csv", 'r')
4 file1 = open("Result.csv", 'r')
5 file3 = open("Stud.csv", 'r')
6 listinfo = []
7 for i in file1:
8     print(i)
9
10 for i in file2:
11     print(i)
12
13 for i in file3:
14     print(i)

```

**Terminal Output (Bottom Screenshot):**

```

PRN,CDE,EDS
40152,50,70
40153,66,72
40154,79,65
40155,69,60
40156,34,75
PRN,PACAKAGE
40152,100000
40153,120000
40154,140000
40155,75000
40156,95000
PRN,NAME,CLASS
40152,ROY,D4
40153,CHETAN,D3
40154,ANURAG,D4
40155,YASH,D3
40156,SHUBHAM,D2

[ 'PRN', 'CDE', 'EDS', 'PRN', 'PACAKAGE', 'PRN', 'NAME', 'CLASS' ]
[ 40152, '50', '70', 40152, '100000', 40152, 'ROY', 'D4' ]
[ 40153, '66', '72', 40153, '120000', 40153, 'CHETAN', 'D3' ]
[ 40154, '79', '65', 40154, '140000', 40154, 'ANURAG', 'D4' ]
[ 40155, '69', '60', 40155, '75000', 40155, 'YASH', 'D3' ]
[ 40156, '34', '75', 40156, '95000', 40156, 'SHUBHAM', 'D2' ]
stored value are [50, 65, 70, 72, 75]
the highest marks in sub 1 = 75
the lowest marks in sub 1 = 60
the average marks in sub1 = 68.4
stored value are [34, 50, 66, 69, 79]
the highest marks in sub 2 = 79
the lowest marks in sub 2 = 34
the average marks in sub 2 = 59.6
stored value are [75000, 95000, 100000, 120000, 140000]
the highest package = 140000
the lowest package = 75000
the average marks in sub1 = 106000.0
No of students Placed 5
Ps C:\Users\yasha\OneDrive\Documents\Python Programs>

```