Ex.No: 10c	REAL-TIME/TECHNICAL APPLICATIONS USING EXCEPTION HANDLING. (display of students mark)
Date :	

AIM:

To write a python program to validate the students mark range.

ALGORITHM:

1. Start the program.
2. Empty array is initaialized with the variable marks.
3. Student details such as roll number, name, marks in each subject are entered.
4. It consolidates and displays the total and average marks got by that particular student.
5. Prints the details of student by entering their roll number.
6. Stop the program.

Program:

```
class Student:     marks = []     def
getData(self, rn, name, m1, m2, m3):
    Student.rn = rn
    Student.name = name
    Student.marks.append(m1)
    Student.marks.append(m2)
Student.marks.append(m3)

  def displayData(self):
```

```
        print ("Roll Number is: ", Student.rn)
print ("Name is: ", Student.name)
        #print ("Marks in subject 1: ", Student.marks[0])
        #print ("Marks in subject 2: ",
Student.marks[1])        #print ("Marks in subject
3: ", Student.marks[2])        print ("Marks are: ",
Student.marks)        print ("Total Marks are: ",
self.total())        print ("Average Marks are: ",
self.average())

    def total(self):
        return (Student.marks[0] + Student.marks[1] +Student.marks[2])

    def average(self):
        return ((Student.marks[0] + Student.marks[1] +Student.marks[2])/3)

r = int (input("Enter the roll number: ")) name =
input("Enter the name: ") m1 = int (input("Enter the
marks in the first subject: ")) m2 = int (input("Enter
the marks in the second subject: ")) m3 = int
(input("Enter the marks in the third subject: ")) s1 =
Student() s1.getData(r, name, m1, m2, m3)
s1.displayData()
```

OUTPUT:

```
Enter the roll number: 10
Enter the name: karthik
```

Enter the marks in the first subject: 95

Enter the marks in the second subject: 98

Enter the marks in the third subject: 82

Roll Number is: 10

Name is: karthik

Marks are: [95, 98, 82]

Total Marks are: 275

RESULT:

Thus the python program to validate the students mark range is executed.