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**Roll No.116 [PRN 0120190122]**

**SYCOMP SCET**

# Skill Development Core Java

# Assignment 12

# CODE:

```java
import java.util.Scanner;

public class Student
{
        //data members
        String name;
        int roll_no;
        int prn;
        String city;
        float percentage;

        public static void main(String[] args)
        {
                // TODO Auto-generated method stub
                Scanner obj= new Scanner(System.in);

                //array of objects declaration
                Student []arr= new Student[5];
                Student stud= new Student();
                //taking input data of 5 students
                for(int i=0;i<arr.length;i++)
                {
                        System.out.println("Enter your name:");
                        stud.name=obj.next();
                        System.out.println("Enter your roll no:");
                        stud.roll_no=obj.nextInt();
                        System.out.println("Enter your prn:");
                        stud.prn=obj.nextInt();
                        System.out.println("Enter your city:");
                        stud.city=obj.next();
                        System.out.println("Enter your percentage:");
                        stud.percentage=obj.nextFloat();
                        System.out.println("\n");
                }
```

```java
            //Displaying data of the students
            for(int i=0;i<arr.length ;i++)
            {
                    System.out.println("FOR STUDENT"+(i+1)+":");
                    System.out.println("Name:"+stud.name);
                    System.out.println("Roll No.:"+stud.roll_no);
                    System.out.println("PRN:"+stud.prn);
                    System.out.println("City of student:"+stud.city);
                    System.out.println("Percentage scored:"+stud.percentage+"\n");
            }
            obj.close();
        }
}
```

**OUTPUT:**

```
Console ⊠                                    ▪ ✖ ✖ | ▤ ▤ ▤ ▤ ▤ | ▭ ▭ ▾ ▭ ▾

<terminated> Student [Java Application] C:\Program Files\Java\jdk-14.0.1\bin\javaw.exe  (Aug 1, 2
Enter your name:
Divya
Enter your roll no:
116
Enter your prn:
120190122
Enter your city:
Amalner
Enter your percentage:
98.76


Enter your name:
Vinay
Enter your roll no:
234
Enter your prn:
120190045
Enter your city:
Pune
Enter your percentage:
90.56


Enter your name:
Prachi
Enter your roll no:
126
Enter your prn:
120190084
Enter your city:
Chandrapur
Enter your percentage:
96.78
```

```
Enter your name:
Namrata
Enter your roll no:
342
Enter your prn:
120190466
Enter your city:
Raver
Enter your percentage:
79.45


Enter your name:
Nishant
Enter your roll no:
543
Enter your prn:
120190456
Enter your city:
Pune
Enter your percentage:
90.89


FOR STUDENT1:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89

FOR STUDENT2:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89
```

```
FOR STUDENT1:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89

FOR STUDENT2:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89

FOR STUDENT3:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89

FOR STUDENT4:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89

FOR STUDENT5:
Name:Nishant
Roll No.:543
PRN:120190456
City of student:Pune
Percentage scored:90.89
```