

Assignment-1. read and store student records with rollno, name, average marks of 10 students using arrays. and display the same to user. display the student list who are scored above 60 as average marks.

Program:

```
package Arrays;
import java.util.Scanner;
public class Students_10records {
    public static void main(String[] args) {

        int[] avg_marks = new int[10]; //array
        String[] name = new String[10]; //array of objects
        int[] rollno = new int[10];

        for (int i = 0; i < 10; i++)
        {
            // to input student records
            Scanner sc= new Scanner(System.in);
            System.out.println("Enter " + i + " rollno : ");
            rollno[i]= sc.nextInt();
            System.out.println("Enter " + i + " student name :");
            name[i]=sc.next();
            System.out.println("Enter " + i + " marks : ");
            avg_marks[i]= sc.nextInt();
        }

        System.out.println("\n Student Records:");
        //to display all student records

        for(int i=0;i<avg_marks.length;i++)
        {
            System.out.println(avg_marks[i]+"\\t"+ name[i]);
        }

        System.out.println("\\nStudents with Average Marks above 60:");
        // to display students with average marks above 60
        for (int i = 0; i < 10; i++)
        {
            if (avg_marks[i] > 60)
            {
                System.out.println("Roll No: " + rollno[i] + ", Name: " + name[i] + ", Average Marks: " +
avg_marks[i]);
            }
        }
    }
}
```

}

Output:

```
<terminated> Students_10records [Java Application] C:\Users\yella.p2\pool\plugins\org.eclipse.just\openjdk.hotspot.jre.full.win32.x86_64.17.0.7.v20230425-1502\jre\bin\javaw.exe (02-Nov-2023, 9:01:09 pm - 9:03:53 pm) [pid: 14300]
63
Enter 7 rollno :
8
Enter 7 student name :
padma
Enter 7 average marks :
52
Enter 8 rollno :
9
Enter 8 student name :
srinivas
Enter 8 average marks :
51
Enter 9 rollno :
10
Enter 9 student name :
Baanvi
Enter 9 average marks :
89
89.0    uday
84.0    pooja
59.0    manasa
54.0    jyothi
45.0    chandana
59.0    bunny
63.0    swapna
52.0    padma
51.0    srinivas
89.0    Baanvi

Students with average Marks above 60 :
Roll No: 1, Name: uday, Average Marks: 89.0
Roll No: 2, Name: pooja, Average Marks: 84.0
Roll No: 7, Name: swapna, Average Marks: 63.0
Roll No: 10, Name: Baanvi, Average Marks: 89.0
|
```