

Lab8-Assignment

Name: G.Mamatha

Student id: AF0342201

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.

```
package com.wrapperclass.examples;
import java.util.Scanner;
public class StudentDetails {
public static void main(String[] args) {
    int[] sroll = new int[10]; // array of objects
    String[] sname = new String[10]; //array of
objects
    float[] avg = new float[10]; //array
    Scanner sc= new Scanner(System.in);

    for(int i=0;i<avg.length;i++)
    {
        System.out.println("Enter "+ i + " student
name");
        sname[i]=sc.next();
        System.out.println("Enter "+ i + " student
roll number");
        sroll[i] = sc.nextInt();
        System.out.println("Enter "+ i + " average
marks ");
        avg[i]= sc.nextFloat();
    }

    //display all the data from array
    System.out.println("Roll No\tName\tAverage
Marks");
    for(int i=0;i<avg.length;i++)
        System.out.println(sroll[i]+"\\t"+
sname[i]+"\\t"+avg[i]);
    System.out.println("\\nStudents who scored above
60:");
```

```

        System.out.println("Roll No\tName\tAverage
Marks");
        for (int i = 0; i < 10; i++) {
            if (avg[i] > 60)
            {
                System.out.println(sroll[i]+"\\t"+
sname[i]+"\\t"+avg[i]);
            }
        }
    }
}

```

Output:

```

1 package com.wrapperclass.examples;
2 import java.util.Scanner;
3 public class StudentDetails {
4 public static void main(String[] args) {
5     int[] sroll = new int[10]; // array of objects
6     String[] sname = new String[10]; //array of objects
7     float[] avg = new float[10]; //array

```

Problems Javadoc Declaration Console × Coverage
 <terminated> StudentDetails [Java Application] C:\Users\USER\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_19.0.2.v20230129-1123\jre\bin\jav

Roll No	Name	Average Marks
1	uma	95.0
2	bubby	60.0
3	bhagya	84.0
4	raki	56.0
5	raju	95.0
6	rani	78.0
7	laddu	76.0
8	cherry	65.0
9	puppy	65.0
10	vasu	88.0

Students who scored above 60:

Roll No	Name	Average Marks
1	uma	95.0
3	bhagya	84.0
5	raju	95.0
6	rani	78.0
7	laddu	76.0
8	cherry	65.0
9	puppy	65.0
10	vasu	88.0