Lab8-Assignment

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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.

```java
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:");
```

```java
        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
```