

OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 13

Aim

Create classes Student and Sports.
Create another class Result inherited from Student and Sports.
Display the academic and sports score of a student.

Name : vismayamohan

Roll No:54

Batch: B

Date:13/05/2022

Procedure

```
import java.util.Scanner;

class student{

    int roll;

    String name;

    int phy,eng,maths;

    student()

    {

        Scanner sc1= new Scanner(System.in);

        System.out.print("Enter the roll number:");

        roll =sc1.nextInt();

        System.out.print("Enter name:");

        name=sc1.next();

        System.out.print("Enter physics mark:");

        phy =sc1.nextInt();

        System.out.print("Enter english mark:");

        eng =sc1.nextInt();

        System.out.print("Enter maths mark:");

        maths =sc1.nextInt();

    }

}
```

```
}

class sports extends student
{
    int fscore, cscore;

    sports()
    {
        Scanner sc2= new Scanner(System.in);

        System.out.print("Enter football score:");

        fscore=sc2.nextInt();

        System.out.print("Enter Cricket score:");

        cscore=sc2.nextInt();

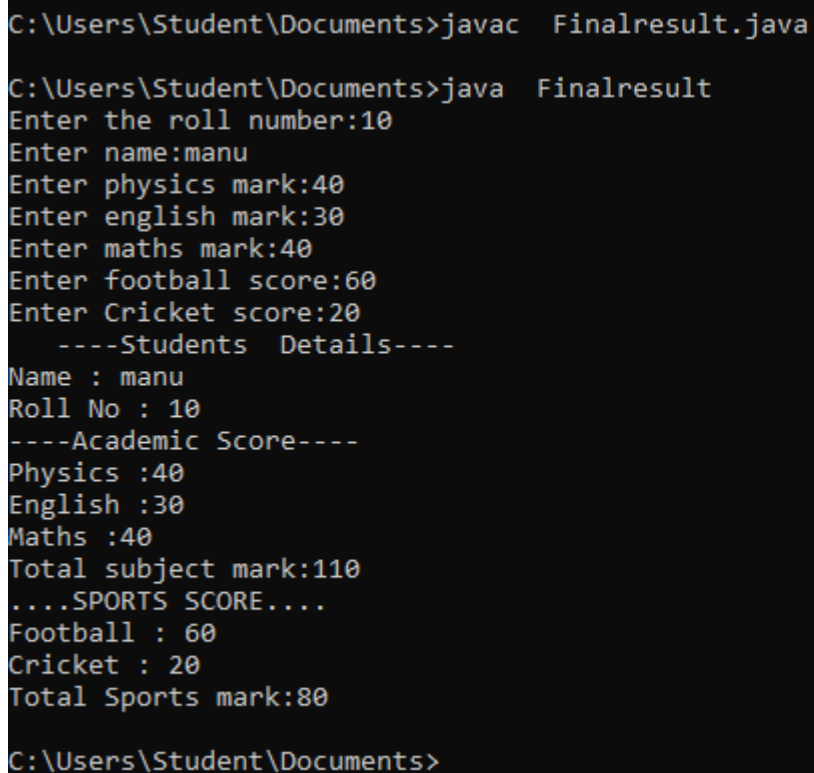
    }
}

class Result extends sports
{
    void display()
    {
        System.out.println("    ----Students  Details----" );
        System.out.println("Name : " + name);
        System.out.println("Roll No : " + roll);
        System.out.println("----Academic Score----" );
        System.out.println("Physics : " + phy);
        System.out.println("English : " + eng);
        System.out.println("Maths : " + maths);
        System.out.println("Total subject mark:"+(phy+eng+maths));
        System.out.println("....SPORTS SCORE....");
        System.out.println("Football : " + fscore);
        System.out.println("Cricket : " + cscore);
        System.out.println("Total Sports mark:"+(fscore+cscore));
    }
}

public class Finalresult{
```

```
public static void main(String[] args) {  
    Result rs =new Result();  
    rs.display();  
}  
}
```

Output screenshot



The screenshot shows a terminal window with the following output:

```
C:\Users\Student\Documents>javac Finalresult.java  
C:\Users\Student\Documents>java Finalresult  
Enter the roll number:10  
Enter name:manu  
Enter physics mark:40  
Enter english mark:30  
Enter maths mark:40  
Enter football score:60  
Enter Cricket score:20  
----Students Details----  
Name : manu  
Roll No : 10  
----Academic Score----  
Physics :40  
English :30  
Maths :40  
Total subject mark:110  
....SPORTS SCORE....  
Football : 60  
Cricket : 20  
Total Sports mark:80  
C:\Users\Student\Documents>
```

