OBJECT ORIENTED PROGRAMMING LAB

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Roll No:53

Batch: MCA B

Date:18/05/2022

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.

Procedure

```
import java.util.Scanner;


class student{
   int roll;
   String name;
   int phy,eng,maths;


   student()
   {
      Scanner sc1= new Scanner(System.in);
      System.out.println("Enter the roll number:");
      roll =sc1.nextInt();
      System.out.println("Enter name:");
      name=sc1.next();
      System.out.println("Enter physics mark:");
      phy =sc1.nextInt();
      System.out.println("Enter english mark:");
      eng =sc1.nextInt();
      System.out.println("Enter maths mark:");
      maths =sc1.nextInt();
```

```
    }

}

class sports extends student
{
   int fscore,cscore;
   sports()
   {
      Scanner sc2= new Scanner(System.in);
      System.out.println("Enter football score:");
      fscore=sc2.nextInt();
      System.out.println("Enter Cricket score:");
      cscore=sc2.nextInt();

   }
}
class Result extends sports
{
void display()
{

System.out.println("Academic  Details"+"\n"+" ");

System.out.println("Name : " + name);
System.out.println("Roll No : " + roll);
```

```
System.out.println("");
System.out.println("MARKS" +"\n" + " ");

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("");

System.out.println("SPORTS SCORE" +"\n"+" ");
      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

```
D:\JAVA PGMS>javac FinalResult.java

D:\JAVA PGMS>java FinalResult
Enter the roll number:
1
Enter name:
NOBEL
Enter physics mark:
65
Enter english mark:
78
Enter maths mark:
59
Enter football score:
10
Enter Cricket score:
23
Academic  Details
```

```
Academic  Details

Name : NOBEL
Roll No : 1

MARKS

Physics :65
English :78
Maths :59
Total subject mark:202

SPORTS SCORE

Football : 10
Cricket : 23
Total Sports mark:33
```