

OBJECT ORIENTED PROGRAMMING LAB**Experiment No: 14****Name: Mathew Sebastian****Roll No: 18****Batch: S2 RMCA B****Date: 24-05-2022****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 FResult{
    public static void main(String[] args) {
        Result rs =new Result();
        rs.display();
    }
}
```

Output Screenshot

```
libin
Enter physics mark:
40
Enter english mark:
50
Enter maths mark:
60
Enter football score:
44
Enter Cricket score:
100
Academic Details

Name : libin
Roll No : 20

MARKS

Physics :40
English :50
Maths :60
Total subject mark:150

SPORTS SCORE

Football : 44
Cricket : 100
Total Sports mark:144

C:\Users\Student\Desktop\MM\java>
```