**Name: Nikhil Jais**

**Roll No:25**

**Batch: B**

**Date:24/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 14**

**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**

