**EXPERIMENT NO.12:**

**Aim: Write a Program to implement Interface demonstratating the concept of Multiple Inheritance.**

class Student

{

int rollNumber;

void getNumber(int n)

{

rollNumber=n;

}

void printNumber()

{

System.out.println("RollNo is " +rollNumber);

}

}

class Test extends Student

{

float part1,part2;

void getMarks(float a, float b)

{

part1=a;

part2=b;

}

void putMarks()

{

System.out.println("Marks Part1 "+part1);

System.out.println("Marks Part2 "+part2);

}

}

interface Sports

{

float sportwt=6.0F;

void putwt();

}

class Results extends Test implements Sports

{

float total;

public void putwt()

{

System.out.println("Sports Marks "+ sportwt);

}

void display()

{

total=part1+part2+sportwt;

System.out.println("Total marks of " +rollNumber+" is "+total);

}

}

class MainClass

{

public static void main(String srgs[])

{

Results a=new Results();

a.getNumber(10);

a.printNumber();

a.getMarks(10.0F,25.5F);

a.putMarks();

a.putwt();

a.display();

}

}