**Java code the class Triangle with base and height as private attributes of type double. Define a no argument constructor with some values and overload it with parameterized constructor. Also write a method area() that computes the area of a triangle and returns the result and code the toString() method.**

**package** Niranjan;

**public** **class** Triangle {

**private** **double** b,h;

Triangle(**double** x,**double** y)

{

b=x;

h=y;

}

**public** String area()

{

**return** (b\*h)/2 +"m";

}

**public** String toString()

{

String str = String.*format*("Base=%s%n Height=%s%n Area=%s%n",b,h,area());

**return** str;

}

}

**package** Niranjan;

**import** java.util.Scanner;

**public** **class** TriangleDemo {

**public** **static** **void** main(String[] args) {

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("Enter the base=");

System.***out***.println("Enter the height=");

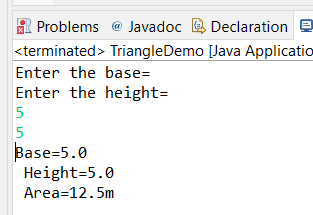
Triangle area = **new** Triangle(s.nextDouble(), s.nextDouble());

System.***out***.println(area);

}

}

**OUTPUT:**

****