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**Batch: S2 MCA**

**Date: 17/05/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 15**

**Aim**

**Area of different shapes using overloaded functions**

**Procedure**

class Square{

void Area(double side){

System.out.println("The area of a Square with side " + side + "is " + side\*side);

}

}

class Rectangle{

void Area(double breadth, double height){

System.out.println("The area of a Rectangle with breadth " + breadth+"and height " +height+"is " +breadth\*height);

}

}

class Triangle{

void Area(double b,double h){

System.out.println("The area of a triangle with breadth " + b+"and height " + h +"is " + ((0.5)\*b\*h));

}

}

public class AreaOfShapes{

public static void main(String args[]){

Square sqobj = new Square();

Rectangle rectobj = new Rectangle();

Triangle triobj = new Triangle();

sqobj.Area(4);

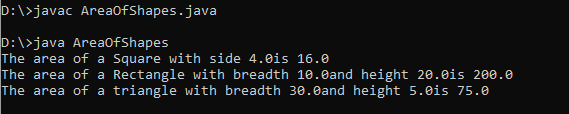
rectobj.Area(10,20);

triobj.Area(30,5);

}

}

**Output Screenshot**

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