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Method Overloading

1.

public class MO1{

float area(float a, float b) // area of rectangle

{

System.out.println("The area of the rectangle: ");

return(a\*b);

}

float area(float s) // area of square

{

System.out.println("The area of the square: ");

return (s\*s);

}

double area (float a, float b, float c)

// area of triangle

{

float s= (a+b+c)/2;

double ar=0;

ar=Math.sqrt(s\*(s-a)\*(s-b)\*(s-c));

System.out.println("The area of the triangle: ");

return ar;

}

public static void main(String []args){

MO1 q= new MO1() ;

//rectangle

System.out.println(q.area(10, 20));

// square

System.out.println(q.area(10));

//triangle

System.out.println(q.area(1, 1,1));

}

}

