

OOJ Lab Test - 1

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import java.util.Scanner;

abstract class Shape {

int b, h;

Shape (int b, int h) {

this.b = b;

this.h = h;

}

abstract void printArea();

}

class Rectangle extends Shape {

Rectangle (int b, int h) {

~~Base~~ super(b, h);

}

void printArea() {

System.out.println("Area of the rectangle is!"
+ (b * h));

}

}

class Triangle extends Shape {

Triangle (int b, int h) {

super(b, h);

}

void printArea() {

System.out.println("area of the Triangle is :"
+ ((b * h) / 2));

class Circle extends Shape {

Circle(int r) {

super(r, 0);

void printArea() {

System.out.println("area of the circle is : " + (3.14 * b * b));

class Shapemain {

public static void main (String args[]) {

~~Rectangle~~ Rectangle R = new Rectangle(10, 20);

R.printArea();

Triangle T = new Triangle(10, 20);

T.printArea();

Circle C = new Circle(10);

C.printArea();