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DOJ

URBAN
EDGE

LAB-4

abstract class Shape

{

int a = 3;

int b = 4;

abstract public void printArea();

}

class Rectangle extends Shape

{

public int areaRect;

public void printArea();

{

areaRect = a * b;

System.out.println("The area of Rectangle is: " + areaRect);

}

}

class Triangle extends Shape

{

int areaTri;

public void printArea();

{

areaTri = (int) (0.5 * a * b);

System.out.println("The area of Triangle is: " + areaTri);

}

}

class circle extends shape

{

int area_circle;

public void print_area(C)

{

area_circle = (int) (3.14 * a * a);

system.out.println("The area of circle is: " + area_circle);

}

}

class abs {

public static void main (String [] args)

rectangle rec = new rectangle C);

rec.print_area C);

triangle tri = new triangle C);

tri.print_area C);

circle cir = new circle C);

cir.print_area C);

}

}

}