

LAB PROG-5

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5.) abstract class Shape

{

int a=3;

int b=4;

abstract public void print-area();

}

class rectangle extends Shape

{

public int area_rect;

public void print-area()

{

area_rect = a * b;

System.out.println("Area of Rect : " + area_rect);

}

}

class triangle extends Shape

{

int area_circle;

public void print-area()

{

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

System.out.println("Area of Circle : " + area_circle);

}

}

class AreaShape

{

public static void main(String args[])

{

rectangle rec = new rectangle();

rec.print-area();

triangle tri = new triangle();

tri.print-area();

circle cir = new circle();

cir.print-area();

}

}