Lab 5. OOJ

Karthik Deepak
1BM19CS200

```
import java.util.*;
abstract class Shape
{
  int a;
  int b;
  abstract void printArea();
}

class Rectangle extends Shape
{
  Rectangle (int x, int y)
  {
    a = x;
    b = y;
  }

  void printArea()
  {
    System.out.println("Area is " + (a*b));
  }
}

class triangle extend Shape
{
  Triangle (int x, int y)
  {
    a= x;
    b= y;
  }
```

Scanned with CamScanner

```
void printArea()
{
    System.out.println("Area is" + (a*b*0.5));
}
}
class circle extends Shape
{
    circle(int x)
    {
        a = x
    }
    void printArea()
    {
        System.out.println("Area is" + (a*a*3.14));
    }
}
class labs
{
    public static void main(String ss[])
    {
        int l,b,ba,h,ba;
        scanner sc = new scanner(system.in);

        system.out.println("Enter the length and
                            breadth of rectangle");
        l = sc.nextInt();
        b = sc.nextInt();
        Rectangle r = new Rectangle(b,l);
```

Scanned with CamScanner

```
r = printArea();

System.out.println ("Enter the base and height of triangle");
    ba = sc.nextInt();
    h = sc.nextInt();
    triangle t = new Triangle(ba, h);
    t.printArea();

System.out.println ("Enter the radius of circle");
        ra = sc.nextInt();
        Circle c = new Circle(ra);
        c.printArea();;
    }
}
```

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