LABPROGRAM 4 OBSERVATION (07/10/2020)

03/11/2020.

(1). /* abstract class shape */

```java
import java.util.scanner;
abstract class shape {
    double dim1, dim2;
    shape (double a, double b)
        dim1 = a;
        dim2 = b;
    }
    abstract double printarea(){

class rectangle extends shape {
rectangle (double a, double b) {
    super (a,b) }


double printarea() {
    system.out.println ("AREA OF
    return dim1 * dim2;
    }  }
```

```java
class triangle extends shape{
    triangle (double a, double b) {
        super (a,b) }

    double printarea() {
        System.out.println ("AREA OF TRIAN
        return  dim1* dim2 /2 ;
    }
}

class circle extends shape {
    circle (double a, double b) {
        super (a,b);
    }

    double printarea() {
        system.out.println ("AREA OF CIR
        return ( 3.14 * (dim1 * dim2)
    }
}

class shape Main {
    public static void main (String [] c
        rectangle r = new rectangle (a: 2
        triangle t = new triangle ( a: 10
        circle c = new circle ( a: 1

    system.out.println ("    " +r. print area
    system.out.println (" _ " + t. print area
    system.out.println ("   " + c. print ar
```