```
Lab-Program - 4:-
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```
abotract class shape
                  os: Hood of eager to radioist
  intal;
  int azz
  Shape (ivt a, intb)
    a1=a;
    92 = 6;
  abstract double Printareac);
 class Rectangle extends shape
  double area;
  Rectangle (inta, intb)
   super(a, b);
  double Printagea ()
   9rea = a1 * a2;
   return (area);
```

```
class Triangle extends shape
double area;
Triangle (intarint b)
            algoritan as were Rectangle
 super (a, b);
double Print areac)
               DOLA" Note told of MARION
area = (double) (a1 + a2)/2:
 return (area).
             expired out frontly (chica of the
class circle extends shafe
double larea;
Circle (inta, int b)
ger (a, b);
double Print areal)
 atea = (double) 3.14 * a1 * a1;
return (area);
```

```
class areas
Public static void main (String args[])
 Rectangle r= new Rectangle (11,18);
Triangle t= new Triangle (9,7);
 Circle c= new circle (9,9);
 System. out. Printly ("Area of the rectargle: "fr. Print
system. out. Printly Carrea of the triangle: it. Rint
system. out Printly ("Area of the Circle:"+c. Printareac)
```