```
LAB-4
import java. util. "
abstract class Shape
   int a;
  abstract void print Area ();
  class Rectangle extends. Shape
    Retangle (int x, int y)
    void print Area ()
     System out · print In ("Area is" + (a*b));
              egens / with roth ? ") relitating - too moleur.
   class Triangle extends Shape
       Triangle (int n , int y)
            b=yj. ( warte trung.
    void print Area ()
     System.out.println ("Area vis" + a *b * 0.5));}
```

```
class Circle extends Shape
    (irele (intx)
                     (() mort may box time
       01 = N
   void print Area ()
     System. out. println("Area is" + a*c1*3.14));
                         (ptni Ktm) rpnotos
 class dabtest1
   public state void main (String ss [])
     int d, b, ba, h, ra;
    Scanner &c = new Scanner (Systemin);
  System.out-printen ("Enter the length and breadth of
  & rectangle ");
          1 = sc. rextInt ();
          b = &c. nextIn+();
         Rectangle v = new Rectangle (d, b);
           Y. print Area ();
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System. out. Println ("println enter the bose and height ab

triunghe");

ba = sc. nextlnt ();

Triunghe t: new Triunghe (ba,h);

E. printlarea();

System. aut. println ("enter the radious of circle");

ra = sc. nextlnt ()

Circle c= new (ircle (xa);

c. printlarea ();

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```