ity Kab- 4 Harrif Dogli 1BM19CSOS7 import. pra . will . Scanner; alastract class shape 2 private jut a, b; void set shape (intx, inty) int geta() int get b() 2 return b; abstract public void printareals. dass rectargle extends shape 2 private int area rect; rectangle (into ninty) set shape(n,y), public void print_areas) 2 area-rect = geta () * get b(). System. out. printin ("Area of rectorfeis: "+ class triangle extends shape private double area-toi; triangle linta, roby)

2 setslage (21,05);

Scanned with CamScanner

```
Public void print-areal)
      2 area for = (geta() * getb()/2)
     Seystem. out. print For L'The area of Alie: "Larea-Tri).
 class circle extends shape
        private double area-circle;
        circle (inty)
        3 Set shape (0, y).
       public void printarea ().
        ¿ aneo-circle = ((3:14) + getbe) + get bes).
      System. out. print In ("Are of circle is!" + area_
                     it was distant
pulsic class week 81
      public static void main (string & I augs) &
       Scanner Xx = new Scanner (System. in).
  System. out. print In (" Suter the length of rectorgle: ").
     a = xx. ventInt().
: System. out. print In ("Siter the breacht of rectangle:").
      b=xx: nextInt();
    rectangle r= new rectangle (a,b).
     r= print aral)
   System. out. print In ("Suter The length of A
       as xx. next Int ().
   Eystem. out. print In ("Suter the base of ble !")
        b=xx. rextInt (),
```

Scanned with CamScanner

```
triangle to new triangle (a,b);

to print anea ();

System. out. printIn("Inter the radius of the circle:");

amnest a = xx. nextInf()

circle c = new circle (a);

c. print oral);

3
```