```
closes Cicle extends Shape &
   Circle (double p, double a) ?
       sufre (p, ar);
 vovid print Area () 5
     bystem.out. println ("Area of ruicle is %f 10",
        3.14* this . a * this - 60);
class Shape Main &
   public static void noin (strig [] orgs) &
       Scanner gd = new Scanner (Bysten in);
       System. ord. peintln ("Sorter the dies of
        rectangle (l,b): ");
       Rectargle 1 = new Rectargle (gd. next Double 5),
gd. next Double () );
      System. ord. peintln ("Sorte the dies of
       though (h,b): ");
       Jeiongle t = neus Jeiongle (gd. nort Double 5),
           gd. next Double ()),
       System out paintle (" Bute the dime of
```

titale (7); ");

doneble r = gd. next Double ();

(evile c = new (eicle (1, 2);

8. printArea(); t. printArea(); c. printArea();

,

J

```
Pranavsastry@ranavs-iMac:~/Documents/003-Lab/Lab 4$ runj ShapeMain
Enter the dimensions of the triangle(length breadth):
10 20
Enter the dimensions of the triangle(height base_length):
30 24
Enter the dimension of the circle(radius):
50
Area of Rectangle is: 200.000000
Area of Triangle is: 360.000000
Area of Circle is: 7850.000000

pranavsastry@ranavs-iMac:~/Documents/003-Lab/Lab 4$
```