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LAB-PROGRAM (4) - snape
import java. util. Scanner;
                                           · La in balance
class inputscenner
   protected sconner s;
   public inputscennal)
      3 = new Sconner (system.in);
   public int get Input (sming message)
      system out. println (mersege);
return sconner. next Int ();
 abstract class shape extends input scanner
    protected inta, b;
    public Shape ()
       super();
   substract public void printtrea ();
                               a = get in but ( "enter the rodies =
 class Rectangle extends shape
     protected out a, b;
     public Rectorgle()
                                              class Mainsnapp
         super ();
      public void printfrea() prod ) nione bier stole sold
        a = getInput ("Enter the length:");
b = getInput ("Enter the bredth:");
         System.out. printeln ("Area of the Rectorgle: "+area);
```

```
Class Terangle extends shape
      protected mt a, b;
      public Triangle ()
      ? super();
      public void print Areal)
        a = getInput ("Enter the sidel:");
        b = get Injut C"Enter the side 2:");
        double area = 0.5 * a * b;
System out printle ("Trea of the Triengle: " + orea);
  class Circle extends shape
    protected inta;
                                       d, a in beloeten
    public Citcle ()
      super ();
   public void print Area ()
     a = getInput ("Enter the radius;");
     double area = 3.14 + a + 9/
     System. out. println ("Area of the circle:"+area);
                                      ublic rectorate()
public class Mainshapp
   public static void main (String [] args)
     Rectorgle r= new Rectangle ();
     Triongle t = new Triongle (1)
     errele c = new crelet;
                             part ) retried two mosters
```

```
r = print Area(1)
      t. print Area (1)
     C. pant Area ();
 output: (3 Gajarane Mayok 1BM22CS227)
 Enter The length:
 Enter the bredth:
 Area of the Rectorgle: 8
 Enter the side 1:
 Enter the side 2:
Area of the Triorgle: 2.0
Enter the vodius:
Area of the Circle: 78.5
```