| | classmate |
|---------|--|
| | Date Page |
| | |
| | Lab Program 4: |
| 6303 | The state of the s |
| 4 | Develop a Tava program to create a class |
| | named shape that contours two integers |
| | and an empty method named printAneal). |
| | Provide three classes named Rectangle, |
| | Triangle and Circle such that each were of |
| | the plant to the fact |
| A+ 1. | the classes extends the class shape. Each |
| . (*) | some of the classes contain unly the method |
| · 5 / 8 | printArea () that prints the area of the |
| - He | given shape |
| | |
| | import java. util-scanner; |
| | |
| | abstract class shape? |
| | abstract class shape? double disn1, dim2; |
| | |
| | shape (double à, double b) é |
| | dim1 = 8; |
| | |
| | dim 2 = b; |
| | |
| | |
| | abstract word printAnea(); |
| | J |
| | |
| | class Rectangle extends shape ? |
| | |
| | Esystem. out: println ("Inside Rectangle class);} |
| | |
| | |
| 60 × | Rectangle (double x, double y) { super (x,y); |
| | |



| | Proc. |
|---|--|
| | void printArea(){ |
| | system out println ("The area of recenge |
| TO | is: " + (dim1 + dim2)); |
| The same | |
| | |
| | |
| | class Triangle extends Shape ? |
| 1 | |
| 1012 | l System wit println ("Incide Triangle class"); |
| - | |
| | Pricingle (double 2, double b) ? |
| - | Triangle (double 2, double b) { Super(2, b); |
| | |
| | |
| | void print Hrea(){ |
| 4 | System. sect-println("The area of triangle is: "+ (dim1 & dim2/2)); |
| | is: "+ (idim1 * dim2/2)); |
| | 3 |
| | |
| | class Cisale extend on s |
| | class Circle extends shape ? |
| | Sentem: 101 et : he : att - 111 d |
| 144 | Løgstern-veret-println("Incide Circle class"); 3 |
| | Circle (double r) [|
| 7.3 | |
| | $\frac{super(\tau,\tau)}{2}$ |
|);3 | |
| | word printArea()? |
| | |
| | system. vout println ("The area of Circle is:" |
| | * (Math.PI * dim2 dim2)); |
| A THE RESERVE OF THE | |

class Abstract ?

public static wid main (String args[])?

Scanner input: new Scanner (System:in).

Int i=0, n;

enhile (:1-1) {

System-wet-println ("Enter your choice: In 1- Rectangle In 2. Triangle In 3. Circle In 4. Exit);

n=input-nextIntl);

suitch(n) 1 care 1: double 6, li

system evet println ("Enter the length and breadth:");

b = input. next Double();

l=input:nextDouble();

Rectangle r= new Rectangle (b, l); r:print Area();

case 2: double base, height.

System west println ("Enter the bosse and height: ");

base = input-next Doublet,

height = input next Double(); Triangle t = new Triangle (base)

height);

t-printstrea();

| AND THE PERSON NAMED IN | case 3: double radires: |
|----------------------------|--|
| CALL CONTRACTOR ASSESSMENT | System out println ("Enter the |
| - | radius: "); |
| - | radires input next Double (); |
| Contract Contract Contract | Circle c = new Circle (radius) |
| | C.printArea(); |
| - | break; |
| | 0060 0 0 |
| | case 4: i=1; |
| | 4 |
| | 4 |
| | ² |
| | Carrie on a mark and area of the contract |
| 3 | |
| | Squel Januarya Peli Herman |
| | Level and a second |
| | and the state of t |
| | |
| *K | Mariano C. 1911 (101) - January County L. V. Tarrey C. R. |
| | 1. 22. 3 |
| | |
| | The same of the sa |
| | |
| | |
| | |
| | |
| | |
| | CIS CONTRACTOR CONTRAC |
| 1.0 | A CONTRACTOR OF THE PROPERTY O |
| | |