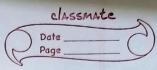
CIASSMAte LAB-4 Develop a JAVA program to create an austrend class named shape that contain two integery and an empty method named print Areac). Provide evrel downer named kectangle, Triangle, Circle and that each one of the class extends the class shape , Each one of the classes within only the method print trea () that print the and of the given shape import javarutil \*; class Input Scanner Scanner Sc: Input Scanner () sc = New . Scanner (system.in); abstract class snape extends Inputsanner double b. abstract void get Input (); abstract void diplay Area (); class Rectangle extends snape; usid get Input() System out pint In (" Enter the length and breath"); a = sc. next Double (); b= sc. next Double ().



void display Area ()
· ·
system.out.println ("Avea of reclarage is:"+(a+b));
3
J Majorian and Jan and Majorian
class Triangle extends shape
( in alais contracted also
void get Input()
E Conduction
System. out. println ("Enter length" and height: ");
a= sc.nextDouble ();
0=sc. nest Double();
5 Section 3
void déplay Area ()
P
System out println ("Area of triangle is: "+(axbis)
3 - Whore him almost est 1949
3
The state of the s
class circle extends shape
£ '
yold get Input () was some out while
system out printly ("Enter the radius:");
a-sc-next pouble(); in appeal to make
3 instor out 10/18
vold display Area O
5. : about to said
system out print ("Area of circle: "+ (a* a* 3.14));
3
3

	class snapomain
	public static void main (string [], args)
	Rectangle == new Rectangle ();
	Tringle t= new Triangle ();
	Circle c = new circle ();
	r. get Front ();
	1. displaymea ();
d	t.get Input();
	t. diplay Area (S)
	c. get Input (S), so that see A
	E. display hears;
	5 Ond unight blov
\	
)+	Output:
	Enter the length and breath:
	10
	Area of hertangle is: 50 horses
	rien of actional to so
	Enler the length and height:
	10
	10 of amor of 13,3 I extratally makes
	Area of triangle is: 20
	Enter the radius
	10 Charles A carrier bear
	Area of circle:
1	John 314.
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	Shreyas.k IBM22CS271