	PAGE A DATE :
	LAB program 4:
	abstract class named shape that contains two integers and an emptor method named printfreal), Provide three classes named rectangle, trial aircle such that each one of those classes extends the class shape. E one of the classes contain only the method print preal) that prints the area of the given shape.
	import java util scanner; abstract class shape { int dim 1, dim 2; abstract void printArea(); }
3	class Rectangle extends shape f public Rectangle (int & int w) { this dim 1 = 1: this dim 2 = w: y void point A reat { int area = dim1 + dim 2: System out print I "Rectangle area = " + area); y

PAGE HO: DATE class Triangle extends shaped public Triangle (intb, inth) { this dim 1 = b; this dim 2 = h; void print Axea ()4 float area = 0.5 * dim 1 * dim 2; System. out println ("Triangle area = "+ class circle extends shape & public circle (int x) x
this dim 1 = 0; void print Areas L float onea = Math. pi x dim 1 x aim 1; System. Out. print In 1 " Lircle asea:" + oneq);

	PAGE NO : DATE :
	public class Main &
	public Static void main (Stoings)
	scannex SC= new ocanner (Susta
	System: out-println ("Entex triarrector
	(onoth:").
	int length = SC nex+In+();
	System out point in Enter to reyon
4"=3	wioth: 1); +10 and 21
	int winth = SC nex +Intl); rectangle · printareaci System · out · printin ("Enter triangle
	System. out. printin ("Enter triangle
	base and height: ");
	int base = Sc.nex+In+();
	int height + Sc. ne x+In+();
	Triangle triangle = new Triangle (b, b)
	+ riangle print Area ()
	S.O.P ("Entes radices of circle!").
	int raclius = sc. next Int();
	Circle circle = new circle (radius);
Limb*	circle print Avea ();
1 Maria	System. cut print le 1 lircle
	y (some B

			Z
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-	CHOW.	DEG 18/1	
-	output:		
-	Entox length of	indayer.	
	Enter length of rectangle = 10	O' BONE	
	Enter With of rectange = 5	4.000000	
	Rectangle assect = 5.0	CONTRACT.	
	Enter lacin of base = 8	100000	
	Enter height of triangu = 5	auggans	
	Enter ractius of circle = 10.	91.910	
	Circle are 9 = 314.17		
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