	PAGE No.
	LAB PROGRAM-4 DATE 2 /1/2020
(0)	Icvelop a Java Program to weate an
	abstact class named shape that contains
	he integers and an enjoy method named
	mithea Cl. Provide three classes rouned Restangles
	Triangle and livele such that one of the classes
	extends the day shape. Each of the classes
(4)	whair only method mintbeal). That prohy the
	area of given shape.
Ans:	import java.io #;
	I mport fara. ust,
	abstract doss Shape
	\}
	double xy;
	Shape (double a, double b)
	7
	x=a'
	ýzb;
-	\int
	abstract void print Area();
	J. I ellowed Shape
	class Rectargle extends stage
	Revangle extende shape
	2 (double 6)
	Restangle (clouble a, double b)
	5
	syer (g/b);
	Loid print Area()

	11.
	Syckem. out. println ("Aea 13" (4(x*y)).
	1 anyth (Aca
	Syckm. out. fi
<u>- 1 </u>	
	1 shape
	clare : Trangle extende stop
	clars Triangle extende Shape
	Triongle Colombe a, double b)
4.6	I vongle Colombe a, all
	5
	(, , , , , , (, , ,))
	super (a, b))
	widprintAca()
	5
	Sychem. sut. println "Dea is!" + (0,5 x x xy))
	Sychera sour. print wears
	7
- 5	class Circle extends Shape
	S Care extends shape
	Circle (double a, double b)
	E .
a.	sufer(q,b);
	7
	void print Area ()
	3
	Suglam
	System and printin ("hearis:"+ (B, 14* 2 *y))
	5 + (3,14 x xy)
	class Abstract-test
	0,000
	polic state
	5 Hota mayn (Shing ay (17)
	futire static void main (String angs [7]) Restangle ri = new Rectangle (10, 20); Tixiangle bi- new Triangle (2,2); Circle cl= new Circle (2,3);
	tourangle rl= negrip.
	I riangle ectangle (10 20)
	Civile Ci
	TENEW (into 12 20

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	2 cr. pm+12reac);	
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