	Date
	SPLASH
	Lab program-4
	Devlop a jour program to create an abstract
	Carry Stage Mr. 7
	integers and an antity method
	print view . expude three clarrer named
JE 10.71	redarge , briangle and circle such that
10	each one of the clarker extends the
	clars shape tach and of the alander
	con lautonia line moth no
	that bronts the grow of the gives
1.3	that prints the area of the given
Sala	import java! util. *j
ourit.	impost ious 1-a- M-th.*
7	import java. lang. Math.*;
	abstract class Shape {
	abstract class Shape {     public ist a;
	public int bj
	abstract public void brist treal;
	Scarner s= new Scarner (System.in);
	3 man 100 maller to barries to
	Control of the second of the s
	Class rectangle extends shape &
	Clars rectangle extends shape &  public void print Area () if
	Systemout print { "Please enter length
	and breath of
	rectangle: ");
	float a=S. next Eloat();
	float b=S. next Float ();
	System and printle Chron = "+ area+ "Sq. units").
	units").

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and has	do at and which I will a friend
_aut &	class triangle extends shape {
1,2	hubbic void sprint Asea C) {
1 brans	System out frint ("Please enter three
the 1 fe	sides of triangle:
- W.	float a = S. next of Flood ();
	float 6=5. part Float ();
(),30,0	float C=S. next Float();
- Jente	
	double area = Math. sqrt (d* (d-a)*(d; d-c));
	System out frintln (" Area = "+ area+2
	syciam our sq. units 2);
-	2
	y is together that traction
	ey what
	in the midney
Much	clars circle extends Shape &
	public void frint AreaC) &
	System out printles ("Please enter
	radius of
	in the characteristics circle (3);
	float a = S finest Elood();
1 100	float area - 22/7*a*a;
- 0	System-out-println ("Aren= 12 aren 65 sq. unils 31);
- (3)	Sq unils );
9.8%	
	2
	and the state of t

	Date Page
0	ars Shapedomo {
_ \(\alpha\)	public static vaid main Cstringarge
14.8	and the same bull of th
	Shape r= new rectangle ();
L. W	Shape t= new triangle ();
	Shape c= new circle ();
1	for (int i=0; i<100; i++) {
13	System out println ("c) (1) Triangle
	in 2) necional
141	in 3) Circle
	System-out println (64 Entor your choice 22)
	Charles (Sistemain)
	Scarner S= new Screner (System-in);
2.0	int ch = S. next Int(); Switch (ch) {
· 15 ( )	care 1: t. print Area ();
	Last break and
	care? reprint Area();
	break;
	Carl 3: C. print Area ();
	there at the whole break in
	default:
	System- Out - println Complaine Co
	No. 12 melante de lant
	3
33/13	3 stellar needs an in fair
2	Source to the most of the
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