PROGRAM 1 import java util Scanner; class Inputscanners 9nt d1, dz; Scanner sc = new Scanner (System. 30); Input Scanner () } if (this get class () == circle. class) } System out pointly ("Enter d1: "); di : sc. next Int (); System. out, println ("Enter d1 and d2: "); d1=Sc. nextInt(); do- sc. nextint (); abstract class shape extends Input scanner & abstract void printarcea (); class Rectangle extends shape & Void paint Asua () {

System. out. paintln (" Asua. Of torongle is .", (doubt)

(d1 & d2)/2); class Roctangle extends Shape } void point Area (15 System.out. paintle ("Asea of sectange 75"+(double

	store 67
	a new of along the groups
	* The second of
	class circle extends shape {
_	void print Asser () 5 void print Asser () 5 System. out. print In ("Asser of clarcle:" + (double) (3.14" dt')
_	System. Gitt
+	
4	3
4	3
-	Jac Azua Main S
_	class Asua Main &
	public static vold main (Staring angle []) { Rectangle on = new Rectangle ();
1	Rectarine (1)
	Circle c - new Circle ();
	g. paint Agoa (1)
-	to point Area ();
1	C. paint Asca ();
	9
	25
	-3
	Output
	Enter d) and d2:
	5
	4
	Enter di and d?
	5
	3
1	Enten di;
	6
1	
1	

Agrea of topangle is: 20.0

Agrea of topangle is: 7.5

Agrea of ciacle: 113.03979999999999