Lab Perogram -4 Develop a Java program to create an abstract class named shape that contains two integers and an empty method named print dreal. Provide three classes hand Rectangle Triangle and Circle such that each of the classes extends the class shape. Each one of the classes contain only the method printdreal) that prints the of the given shape impost joura. cilil. & Conner; icassis class InputScanner { Scarner Signat Scarner (System. in); abstract void display sucal) day Restangle extends Shape (System. out point l'Enter length and

the rectargle:

a = 8. neat Double ();

b = 8. neat Double ();

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Void display berea () { System. Out, pointly (' See of Rectangle', " + (a*b)).	
System. Out, pountly (Alea of minger, + (a*b).	
dan Teignale extends Shape &	
Void get Exput () {	
System out, print ("Enter base and height of the	
tuiangle i'')	
1= emethouse()	
does Tocionale octendo Shape (Void get super () (System: out. print ("Enter base and height of the twiangle;"); a = 8. next Double (); b = 8. next Double ();	
Void displayarent) { System out println (" brea of Triangle:"+10.5 a") 3	
System out printly (" See of Triangle: "+10,5	1
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Void authort ()?	_
class Guele Etends Shapes Void get Supert () { System' Out. point ("Enter radius of the circle") a = 8: noat Double ();	1
a = 8. next Double ();	}
and the same should be a superior of the same of the s	
Void display break of	
System. Out. priently (" drea of Circle:"+	
Jana Villa Jana Villa	
Public class maint	
Public Static Void main (Stering [Jaegs) { Restangle greatains a P. A. ().	_
Rectangle rectangle = new Rectangle(); Thiangle triangle = new Thiangle ();	_
ande circle = new Circle ():	
	_

gestangle , get suput (); rectangle display brea ().

Luiangle display brea ().

Luiangle display brea ().

Circle get Input ().

Livele display brea (); length and width of the secrtangle; en of Roctangle', 40.0

Love and height of the triangle:

of triangle; 12 triangle; 12
where coicle; 8