CRA2-1-24 Lab-04 Date 02/01/24 Quelop à java program de create en abstract class named shape that contains two integer & an empty method named point Area (). Provide 3 clases named Rectangle, Triangle, circle such that each one of the classes extends the class shape Each one of classes contain only the method point Agreal) that points the area of given shape > import java, ritil. scanner; das input scanner & l Scanner 3; input Icannon () ? 3 = new geanner (System in); 3 abstract class shape extende input scanner & abstract void get Angut ();
abstract void display Anea (); dass Rectangle extends Shape & void get Input () { System out, println ("Enter the dimensione of nectangle (length, breadth) ?); 0 = S. mext Double W; b = 3 mextDoublel3; 3 System out. println (Area of Rectangle: ")+ (0.6); void displaymen on l

Class Triangle extends Shape ! void get Input U? System. out. println ("Enter dimension of triangle (length, breadth)"); a = 3. next Double (); b = 3. mext Double(); System out println ("Area of Triangle: ") +

(a+b*0.5)); class sincle extends Shope?

void getImput ()?

System, out. pointln ("Enter dimension of arcle (nadius)");

a = s. mextDouble (); void of display Anea () {

System. out, println ("Anea of circle: " + (3.14*a

*a)); class main { public static void main (String [], angs) & Rectangle per sectangle = new Tocianger (); Toiangle = new Einels Tojangle Circle z new circle (); nectangle get Input (); grectangle display treal); Triangle, getsorput (); towardle, display Area cs;

Date _ Page _	_/_	_/	
Trough.			

Circle. get Imput (); Circle. displayment);

output

Enter the dimension of the nectangle Clength & breadths

Enter the dimension of the triangle (base of height):

Enter the dimension of the circle (nadius);

Anea of bas Rectangle: 6.0 Area of Triangle: 4.0

Anea of Cincle : 28.25A99