23 10 24 LAB-4 SHAPES mport jara. util. Scanner; abstract class shape f mit dim 1; int dim 2; public Shape ()4 this . drin 1 = 0; this. dm 2=0; bublie shape (mt dms, mt dm2)2

this dm1 = dm1;

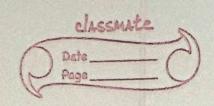
this dm2 = dm2; public abstract void binit Area (); class Rectangle extends strape s

public Rectangle Count length

width) s

chim 1 = length;

clim 2 = width;

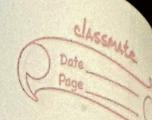


Public void punt-Area ()2 system out punt m ("Area of Reetangle: "+ area); class Tirange extends shape of public Priangle (mit basi, mit neight)?

drm 1 = base;

drm 2 = height; public void print Area () 2 double alea = 0.5 * drm1 * drm2; System ont puntln ("Arrea of Prionge: "+
area); class Circle extinds shape ? bublie Circle Crist radius) dim 1 = radius;

3 ohm 2 = 0;



public void pannt Area () {

double area = Makn. PI * dmn1 * dm1;

System ont paintle ("Area of Cucle:";

area);

3

Public class shapes {

public statu void main (string[] args) {

Scanner vin = new Scanner (system:in)

System out print ln ("Entre length and

width for Rectange:");

mut length = vin. next Int ();

mit width = mi. most Int ();

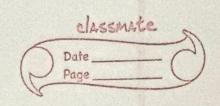
Ehape secterngle = new Rectangle (length, width sectangle prout Arrea();

System - out purtlen ("Entre bour and height for Triangle:");

mut bour = in. nort Int ();

mit height = in · next Int ();

Shape trangle = new Triangle (ban, height tarangle protetiera();



	3.843
	System. ont. pinith ("Entre sading for ville");
	System. ont. printen ("Entre sadnis for ville");
	Shape circle = new Circle (eading); circle : pint Area ();
	circle : pint Area();
	public claim Structure f
	vin. close ();
	Attack the most I darway complete the best wholey a war to be
	I was to the threat salar to his about
	The first of the second that the second
	Contract the form of the state
00.	Enter lengte and width for Rectangle:
	20 (Julian satirage) Educations and surf
	40 (Calminate Calminate Ca
	Area of Rectangle: 800
	Area of Rectangle: 800 Enter base and hughe for Trangle:
	30 Warner Contract (English States)
	20 (C) INS talante + more
reen	Area of Pringle: 300-6
8,	Entu gadns for Circle:
	19 6 Cradicas - Minoral Novallada on Brown assiding 1
	Area of cuili: 1134.1149479459152
93/1dam	(and the second