2/1/2024 Dwelop a Jova program to break an abstract

class married shape that contains two integers

and an engry method manual providerea ().

Browide three classes Revenuele triangle and librale.

Such that each one of the classes intends the class shape Each one of the classes contain only the method privilly mat price the area of The given Shape import Java · Util · x; class inputscannon! Scanner Sc; public inputs conner () { SC = New Scannor ( System. in) abstact class shape extends inputscanner ( double 0,6; abstract void getinput(); Class Rectangle extends shape void getinput () ( Syckmow printer (" Endor length and bradth of Rectaugle:") a=sc. next-Double; b=sc. nextDougles

		Page No.
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_	void displayareal)	al age
	Syckmout-print (" Area of he doing	ale ici.
	Pyskon-out farmant (" / 2f /n", ax	b); r
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	3	
	Clars Triangle exhauds shape (	
	void gerinputs	
	Sychmow prium ["Two beight and	baye of friguel or
	a=sc.nextDoubles);	1041
	b=S(-mal-Double();	
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	void diplayareally	
	Syckmout printh (" hea of triougle	15:11)
	syckmow Talmar (" /1.25 )n", or	5 xa xB),
	Clark Carrie extends shape (	
	void geninpus	
	Systemious princh (" rules tradities o	e lide:");
	a=sconerDoubles);	±
	}	, ,
	void Diplayanas of	43
-	Systemout with so hear of with a	S(") ;
	System out frum (" hear of circle à system out formar [" 1.25 [n", 3.19	Faro);
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class hear	
public static void main (Shing	V(())pv
Shape ref;	
ref: new Revouge();	
ref. gehinner();	
ref. diplayaseal);	
ref = new Through ();	
ref = getinput();	
rof. displayaceas);	
ref= new Circle();	
ref. getinput();	
ref. dimayarear);	
put:	
ter the length and Ibreadth of Rect	tongle;
+	<i>J</i>
3	
rad of Rectangle is:	
2.00	

output: Enter the length and obseath of

braa of Rectangle is:

12.00

public class hear

Euler the height and bare of Triangle:

4

Thea of Thiaught is:

Enter the stadius of circle:

Hea of Green is: 28.26