

Forum:[Hack Forums](#)

Thread: [I don't understand this question, and how to go about it.](#)

Just Ice - April 14, 2015, 12:14 am

Hi :)

I know there are many knowledgeable people out there, I have an assessment question I do not understand very well, I was wondering if someone could please take a look and help me out by pointing me in the right direction or even just giving a brief layout/overview that is easier to understand.

Task

For this task you have to define a class Circle2D to represent a circle with a point in two dimensions labeled x and y and a radius. To test Circle2D class you also need to define a test class. The Circle2D class has the following state and functionality:

- Two double data fields named x and y that specify the centre of the circle with getter methods.
 - A data field radius with a getter method
 - A no-arg constructor that creates a default circle with (0, 0) for (x, y) and 3 for radius.
 - A constructor that constructs a circle with the specified x, y, and radius.
 - A method getArea() that returns the area of the circle
 - A method getPerimeter() that returns the perimeter of the circle
 - A method contains(double x, double y) that returns true if the specified point (x, y) is inside this circle
 - A method overlaps(Circle2D circle) that returns true if the specified circle overlaps with this circle.
- Draw the UML diagram for the class and then implement the class. Write a test class program that creates a Circle2D object c1(new Circle2D(2, 2, 2.5)), display its areas and perimeter, and display the result of c1.contains(3,3), c1.contains(new Circle2D(4, 5, 8.5)), and c1.overlaps(new Circle2D(3, 5, 0.3)).

M0dy - April 14, 2015, 12:19 am

I honestly don't know how to break this down, it's kinda self explanatory, but I can help you figure it out if you like.

PM me your Skype.

Just Ice - April 14, 2015, 12:23 am

(Apr 14, 2015 12:19 AM)M0dy Wrote: [\[CITE\]](#) I honestly don't know how to break this down, it's kinda self explanatory, but I can help you figure it out if you like.

PM me your Skype.

Yeah I was hoping that wasn't the case, pming you now :) thankyou!

Maxiim - April 14, 2015, 12:58 am

Are there any particular steps you don't understand? Or all of them?

Or do you just not understand the words?

Aman.96 - April 17, 2016, 4:43 am

I also don't understand that question(lol yeah same assignment!), just ice if u get the idea can u post in simple language? OR maxiim as u asked I just did not understand words..Thanks.