

Forum:[Hack Forums](#)

Thread: [Whats Wrong With My Code? Area Of a Circle \(JAVA\)](#)

CupOfJava - January 28, 2019, 12:46 am

What I'm I missing here?

I don't get it. The Goal is to simply get the Area of a Circle that the User inputs.

I got the user input [*]

It just won't calculate the Area. It keeps giving me PI for anything I put it. I need it to Calculate the Area with the Given Radius from a user.

I'm pretty sure I'm missing something so simple What is it?

Code:

```
public class CircleArea {  
  
    /**  
     * @param args the command line arguments  
     */  
    public static void main(String[] args) {  
        // declare required variables
```

COPY THE CODE FROM HERE:

```
double radius, area ;  
    Scanner kbd = new Scanner (System.in);  
  
    // Get and show circle data  
    radius = 10.0;  
    area = 0.0;  
    area = Math.PI radius * radius;  
    // TODO: should be pi times radius squared.  
    //Use constant variable PI to store 3.14159  
  
    System.out.println();  
    System.out.println("Enter the circle radius: ");  
    radius = kbd.nextDouble(); //User  
    System.out.println("Circle Measurements");  
    System.out.println("    Radius: " + radius + " cm");  
    System.out.println("    Area:  " + area + " cm squared");  
  
    }  
  
}
```

Yes I have to use the Math.PI Formula Given in Java.

deluxe - January 28, 2019, 1:33 am

Hey, try this. `radius = Double.valueOf(kbd.nextLine());`

Edit: My bad, you are doing the calculation for the area before asking user for the radius. So in a nutshell the area is always now `area = Math.Pi 10 10`.

How to fix this? Well, you have to ask for the userinput before doing any calculations so, where you now set the value of "radius = 10.0" replace that with `"radius = Double.valueOf(kbd.nextLine());"` And it should work.

To this:

CupOfJava - January 28, 2019, 2:48 am

(Jan 28, 2019 02:33 AM)DELUXE Wrote: [\[CITE\]](#) Hey, try this. `radius = Double.valueOf(kbd.nextLine());`

Edit: My bad, you are doing the calculation for the area before asking user for the radius. So in a nutshell the area is always now `area = Math.Pi 10 10`.

How to fix this? Well, you have to ask for the userinput before doing any calculations so, where you now set the value of "radius = 10.0" replace that with `"radius = Double.valueOf(kbd.nextLine());"` And it should work.

To this:

Alright, So that Worked,but another issue I'm having now is that it's asking for the User input on the Radius TWICE NOW. I can simply just add in another line of code asking the user to Input the radius once more and boom problem solved BUT I need it to calculate it one time the user puts it in.

Code so far WITH THE ADDED LINE:

```
double radius, area ;
Scanner kbd = new Scanner (System.in);
```

```
System.out.println("Enter the circle radius: ");
radius = Double.valueOf( kbd.nextDouble()); <----- I've tried moving this around..... but the Code
line with the "Area" seems to need it before the line for it to work.
area = Math.PI radius radius;
System.out.println("Can You Enter The Radius Again:");
radius = kbd.nextDouble(); //User
System.out.println("Circle Measurements");
System.out.println(" Radius: " + radius + " cm");
System.out.println(" Area: " + area + " cm squared");
```

deluxe - January 28, 2019, 4:04 am

(Jan 28, 2019 03:48 AM)CupOfJava Wrote: [\[CITE\]](#) Alright, So that Worked,but another issue I'm

having now is that it's asking for the User input on the Radius TWICE NOW. I can simply just add in another line of code asking the user to Input the radius once more and boom problem solved BUT I need it to calculate it one time the user puts it in.

Code so far WITH THE ADDED LINE:

```
double radius, area ;  
Scanner kbd = new Scanner (System.in);
```

```
System.out.println("Enter the circle radius: ");  
radius = Double.valueOf( kbd.nextDouble()); <----- I've tried moving this around..... but the Code  
line with the "Area" seems to need it before the line for it to work.  
area = Math.PI radius radius;  
System.out.println("Circle Measurements");  
System.out.println(" Radius: " + radius + " cm");  
System.out.println(" Area: " + area + " cm squared");
```

You can just remove that second kbd call. So this one should work the way you like:

```
Quote:double radius, area ;  
Scanner kbd = new Scanner (System.in);
```

```
System.out.println("Enter the circle radius: ");  
radius = Double.valueOf( kbd.nextDouble());  
area = Math.PI radius radius;  
System.out.println("Circle Measurements");  
System.out.println(" Radius: " + radius + " cm");  
System.out.println(" Area: " + area + " cm squared");
```

CupOfJava - January 28, 2019, 2:45 pm

(Jan 28, 2019 05:04 AM)DELUXE Wrote: [\[CITE\]](#) You can just remove that second kbd call. So this one should work the way you like:

Awesome Fixed. I got 2 more projects like this due in 5hrs. Wish me Luck ?

CupOfJava - January 31, 2019, 2:21 pm

Got them done. Got 2 more project's due in a few days I can breathe a bit.

Khamul - January 31, 2019, 3:52 pm

If you need any help, feel free to hit me up! ?