File   Edit   Selection   Find   View   Goto   Tools   Project   Preferences   Help

transpose.java   circle.java   actor.java   sortedarray.java   fullarray_posneg.java   stringcount.java   operators.java

```java
/*Develop a Java program which has the (only) class CircleDemo that has members-
radius, area and perimeter. Include methods to do the following.

a. accept the radius from the user
b. find the area of the circle
c. find the perimeter of the circle
d. Display all the details*/
import java.util.Scanner;
import java.lang.Math;
class CircleDemo{
    public static void main(String args[]){
        double radius,area,perimeter;
        Scanner ss=new Scanner(System.in);
        System.out.println("Enter the radius of the circle");
        radius=ss.nextDouble();
        area=3.14*(Math.pow(radius,2));
        perimeter=2*3.14*radius;
        System.out.println("The radius of the circle is: "+radius);
        System.out.println("The area of the circle is: "+area);
        System.out.printf("The perimeter of the circle is: %.2f",perimeter);
    }
}
```

```
Command Prompt

C:\Program Files\Java\bin\basic>java CircleDemo
Enter the radius of the circle
5
The radius of the circle is: 5.0
The area of the circle is: 78.5
The perimeter of the circle is: 31.40
C:\Program Files\Java\bin\basic>
```