**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

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**//Class: CIST 2371 - Java I**

**//Project: Module 1 HW 1.8**

**//Title: JAVA Circle**

**//Description: Displaying the area and perimeter of a circle**

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**Start**

Declaration

double radius = 5.5;

final double PI = 3.14159;

double perimeter;

double area;

Calculate perimeter = (int)((2 \* radius \* PI) \* 100) / 100.0;

Calculate area = (int)((radius \* radius \* PI) \* 100) / 100.0;

// \* 100 and / 100.0 to bring it down to two decimals

Output “The radius of a circle is " + radius + ". The perimeter is " + perimeter + “. The area is " + area + “.”;

**Stop**

// \* 100 and / 100.0 to bring it down to two decimals

Calculate perimeter = (int)((2 \* radius \* PI) \* 100) / 100.0

Calculate area = radius \* radius \* PI(int)((radius \* radius \* PI) \* 100) / 100.0

Stop

Output “The radius of a circle is " + radius + ". The perimeter is " + perimeter + “. The area is " + area + “.”

Declarations

Double radius = 5.5

final double PI = 3.14159

double perimeter

double area

Start