```java
/*
 *Celsius
 *This is a program that converts Fahrenheit to Celsius
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 *9/8/14
 *Programming I
 */


import java.text.DecimalFormat;
import javax.swing.JOptionPane;



public class Celsius {
    public static void main(String[] args) {
        String input = JOptionPane.showInputDialog(null, "Enter Fahrenheit");
        double fahrenheit = Double.parseDouble(input);
        //double: a variable that can have a numeric value containing a decima
        double celsius;
        celsius = 5.0/9 * (fahrenheit-32);
        /*
         *This equation will determine the value of the variable, celsius
         *The "5.0/9" isn't "5/9" because the decimal point ensures that the
         *answer will be displayed as a double.
        */
        DecimalFormat pattern = new DecimalFormat("##0.00");
        JOptionPane.showMessageDialog(null,"Faherenheit: " + fahrenheit +"\nCe
        /*
         *The words in quotes will appear.
         *The variable(fahrenheit) will displayed it's numeric value.
         */
    }
}
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lsisus:" + pattern.format(celsius));
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