```java
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class JFrameWithManyComponents extends JFrame
implements ActionListener {
    final int FRAME_WIDTH = 350;
    final int FRAME_HEIGHT = 150;
    JLabel namePrompt;
    JLabel heading1;
    JLabel conversion;
    JTextField nameField;
    JButton button;

    public JFrameWithManyComponents() {
        super("Temperature Converter"); //must be first statement

        namePrompt = new JLabel("Enter Farenheit");
        heading1 = new JLabel("Enter Degrees F* to recieve Degrees C*");
        nameField = new JTextField(12);
        button = new JButton("Click to continue");
        conversion = new JLabel("");


        setSize(FRAME_WIDTH, FRAME_HEIGHT);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setLocationRelativeTo(null);

        button.setToolTipText("Begin Conversion");
        heading1.setFont(new Font("Arial", Font.BOLD, 16));

        setLayout(new FlowLayout());
        add(heading1);
        add(namePrompt);
        add(nameField);
        add(button);
        add(conversion);
        button.addActionListener(this);
    }

    @Override
    public void actionPerformed(ActionEvent e) {
        String name = nameField.getText();
        double far = Double.parseDouble(name);
        conversion.setText(String.format("Degrees Celsius %.2f*",
                ((far - 32) * 5/9)));
    }
}
```

```
1
2  public class nine {
3
4      public static void main(String[] args) {
5          JFrameWithManyComponents a = new JFrameWithManyComponents();
6
7          a.setVisible(true);
8
9      }
10
11 }
12
```