import java.awt.\*;

import java.awt.event.\*;

public class TemperatureConverter extends Frame implements ActionListener {

TextField celsiusInput;

Label fahrenheitOutput;

TemperatureConverter() {

// Set the layout

setLayout(new FlowLayout());

// Create components

Label celsiusLabel = new Label("Celsius:");

celsiusInput = new TextField(10);

Button convertButton = new Button("Convert");

fahrenheitOutput = new Label("Fahrenheit: ");

// Add components to the frame

add(celsiusLabel);

add(celsiusInput);

add(convertButton);

add(fahrenheitOutput);

// Add action listener to the button

convertButton.addActionListener(this);

// Set frame properties

setTitle("Celsius to Fahrenheit Converter");

setSize(300, 150);

setVisible(true);

// Window closing handler

addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent we) {

System.exit(0);

}

});

}

public void actionPerformed(ActionEvent ae) {

try {

double celsius = Double.parseDouble(celsiusInput.getText());

double fahrenheit = (celsius \* 9 / 5) + 32;

fahrenheitOutput.setText("Fahrenheit: " + fahrenheit);

} catch (NumberFormatException e) {

fahrenheitOutput.setText("Invalid input!");

}

}

public static void main(String[] args) {

new TemperatureConverter();

}

}