

```
import java.awt.Dimension;
import java.awt.FlowLayout;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JTextField;
import javax.swing.JPanel;
import javax.swing.JLabel;

public class Gui extends JFrame {

    public Gui() {
        this.setSize(new Dimension(500, 500));
        this.setLayout(new FlowLayout());

        addGreetingPanel();
        addGreetingLabel();
        addGreetingTextField();
        addGreetingButton();
    }

    private void addGreetingButton() {
        JButton greetingButton = new JButton("Display Greeting");
        this.add(greetingButton);
    }

    private void addGreetingTextField() {
        JTextField greetingTextField = new JTextField();
        greetingTextField.setPreferredSize(new Dimension(200, 50));
        this.add(greetingTextField);
    }

    public static void main(String[] args) {
        Gui gui = new Gui();
        gui.setVisible(true);
    }
}
```