import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class ActionTester

{

 public static void main(String[] args)

 {

 JFrame frame = new JFrame();

 final int FIELD\_WIDTH = 20;

 final JTextField textField = new JTextField(FIELD\_WIDTH);

 textField.setText("Click a button!");

 JButton helloButton = new JButton("Say Hello");

 helloButton.addActionListener(new

 ActionListener()

 {

 public void actionPerformed(ActionEvent event)

 {

 textField.setText("Hello, World!");

 }

 });

 JButton goodbyeButton = new JButton("Say Goodbye");

 goodbyeButton.addActionListener(new

 ActionListener()

 {

 public void actionPerformed(ActionEvent event)

 {

 textField.setText("Goodbye, World!");

 }

 });

 frame.setLayout(new FlowLayout());

 frame.add(helloButton);

 frame.add(goodbyeButton);

 frame.add(textField);

 frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

 frame.pack();

 frame.setVisible(true);

 }

}