

# GUI Tutorial Part 1

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import java.awt.EventQueue;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JLabel;
import javax.swing.JTextField;
import javax.swing.JComboBox;
import javax.swing.DefaultComboBoxModel;
import javax.swing.JButton;

public class BasicGUI {

    private JFrame frame;
    private JTextField textField;
    private JTextField textField_1;
    private JTextField textField_2;
    private JTextField textField_3;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    BasicGUI window = new BasicGUI();
                    window.frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the application.
     */
    public BasicGUI() {
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        initialize();
    }

    /**
     * Initialize the contents of the frame.
     */
    private void initialize() {
        frame = new JFrame();
        frame.setBounds(100, 100, 450, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        JLabel lblStudentId = new JLabel("Student Id");
        lblStudentId.setBounds(42, 51, 95, 14);
        frame.getContentPane().add(lblStudentId);

        JLabel lblStudentInformationSystem = new JLabel("Student Information System");
        lblStudentInformationSystem.setBounds(116, 13, 180, 14);
        frame.getContentPane().add(lblStudentInformationSystem);

        JLabel lblStudentFirstName = new JLabel("Student First Name");
        lblStudentFirstName.setBounds(42, 76, 143, 14);
        frame.getContentPane().add(lblStudentFirstName);

        JLabel lblStudentSecondName = new JLabel("Student Second Name");
        lblStudentSecondName.setBounds(42, 101, 163, 14);
        frame.getContentPane().add(lblStudentSecondName);

        JLabel lblStudentLastName = new JLabel("Student Last Name");
        lblStudentLastName.setBounds(42, 139, 163, 14);
        frame.getContentPane().add(lblStudentLastName);

        JLabel lblStudentAge = new JLabel("Student Age");
        lblStudentAge.setBounds(42, 164, 95, 14);
        frame.getContentPane().add(lblStudentAge);

        textField = new JTextField();
        textField.setBounds(223, 38, 136, 20);
        frame.getContentPane().add(textField);
        textField.setColumns(10);

        textField_1 = new JTextField();

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textField_1.setColumns(10);
textField_1.setBounds(223, 66, 136, 20);
frame.getContentPane().add(textField_1);

textField_2 = new JTextField();
textField_2.setColumns(10);
textField_2.setBounds(223, 98, 136, 20);
frame.getContentPane().add(textField_2);

textField_3 = new JTextField();
textField_3.setColumns(10);
textField_3.setBounds(223, 131, 136, 20);
frame.getContentPane().add(textField_3);

JComboBox comboBox = new JComboBox();
comboBox.setModel(new DefaultComboBoxModel(new String[] {"Day", "1", "2", "3",
"4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22",
"23", "24", "25", "26", "27", "28", "29", "30"}));
comboBox.setBounds(204, 164, 51, 20);
frame.getContentPane().add(comboBox);

JComboBox comboBox_1 = new JComboBox();
comboBox_1.setModel(new DefaultComboBoxModel(new String[] {"Month", "January",
"February", "March", "April", "May", "June", "July", "August", "September", "October", "November",
"December"}));
comboBox_1.setBounds(265, 164, 73, 20);
frame.getContentPane().add(comboBox_1);

JComboBox comboBox_2 = new JComboBox();
comboBox_2.setModel(new DefaultComboBoxModel(new String[] {"Year", "1970",
"1971", "1972", "1973", "1974", "1975", "1976", "1977", "1978", "1979", "1980", "1981", "1982",
"1983", "1984", "1985", "1986", "1987", "1988", "1989", "1990", "1991", "1992", "1993", "1994",
"1995"}));
comboBox_2.setBounds(348, 161, 51, 20);
frame.getContentPane().add(comboBox_2);

JButton btnNewButton = new JButton("Submit");
btnNewButton.setBounds(116, 214, 89, 23);
frame.getContentPane().add(btnNewButton);

JButton btnCancel = new JButton("Cancel");
btnCancel.setBounds(249, 214, 89, 23);
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        frame.getContentPane().add(btnCancel);
    }
}
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