```java
/**
 * Copyright (c) Dmitri Pissarenko
 * http://sw-dev.at
 */
package at.swDev.swixml;

import java.awt.GridBagConstraints;

/**
 * This class is used for demonstrating how a simple form can be programmed in
 * Java.
 *
 * @author Dmitri Pissarenko
 */
public class SampleFormJava extends JFrame {
    /**
     * Grid width of button panel (OK, Cancel). Necessary for laying out with
     * GridBagLayout.
     */
    private static final int OK_CANCEL_BUTTON_PANEL_GRIDWIDTH = 2;

    /**
     * Y coordinate of button panel (OK, Cancel). Necessary for laying out with
     * GridBagLayout.
     */
    private static final int OK_CANCEL_BUTTON_PANEL_GRID_Y = 6;

    /**
     * X coordinate of button panel (OK, Cancel). Necessary for laying out with
     * GridBagLayout.
     */
    private static final int OK_CANCEL_BUTTON_PANEL_GRID_X = 0;

    /**
     * Grid width of "subscribe to course" checkbox. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int SUBSCRIBE_CHECKBOX_GRIDWIDTH = 2;

    /**
     * Y coordinate of "subscribe to course" checkbox. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int SUBSCRIBE_CHECKBOX_GRID_Y = 5;

    /**
     * X coordinate of "subscribe to course" checkbox. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int SUBSCRIBE_CHECKBOX_GRID_X = 0;

    /**
     * Y coordinate of "e-mail" text field. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int EMAIL_TEXT_FIELD_GRID_Y = 4;

    /**
     * X coordinate of "e-mail" text field. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int EMAIL_TEXT_FIELD_GRID_X = 1;

    /**
     * Y coordinate of "e-mail" label. Necessary for laying out
     * with GridBagLayout.
     */
    private static final int EMAIL_LABEL_GRID_Y = 4;
```

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/**
 * X coordinate of "e-mail" label. Necessary for laying out
 * with GridBagLayout.
 */
private static final int EMAIL_LABEL_GRID_X = 0;

/**
 * Y coordinate of "country" combo box. Necessary for laying out
 * with GridBagLayout.
 */
private static final int COUNTRY_COMBO_GRID_Y = 3;

/**
 * X coordinate of "country" combo box. Necessary for laying out
 * with GridBagLayout.
 */
private static final int COUNTRY_COMBO_GRID_X = 1;

/**
 * Y coordinate of "country" label. Necessary for laying out
 * with GridBagLayout.
 */
private static final int COUNTRY_LABEL_GRID_Y = 3;

/**
 * X coordinate of "country" label. Necessary for laying out
 * with GridBagLayout.
 */
private static final int COUNTRY_LABEL_GRID_X = 0;

/**
 * This constant is used for initializing column count in text fields.
 */
private static final int FIFTY_CHARACTERS = 50;

/**
 * This constant is used for initializing column count in text fields.
 */
private static final int FORTY_CHARACTERS = 40;

/**
 * This constant represents insets object with a distance of 5 pixels on
 * each side.
 */
private static final Insets FIVE_PIXEL_INSETS = new Insets(5, 5, 5, 5);

/**
 * Default serial version ID.
 */
private static final long serialVersionUID = 1L;

/**
 * Layout manager used in the form.
 */
private GridBagLayout layout;

/**
 * Text field for entering first name.
 */
private JTextField firstNameTextField;

/**
 * Text field for entering surname.
 */
private JTextField surNameTextField;

/**
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 * Radio button "male" for selecting gender.
 */
private JRadioButton maleRadioButton;

/**
 * Radio button "female" for selecting gender.
 */
private JRadioButton femaleRadioButton;

/**
 * Combo box for selecting country.
 */
private JComboBox countryComboBox;

/**
 * Text field for entering e-mail.
 */
private JTextField emailTextField;

/**
 * Check box "subscribe to course".
 */
private JCheckBox subscribeCheckBox;

/**
 * Constructor. Creates the form, fills "country" combo box with values and
 * packs the frame.
 */
public SampleFormJava() {
    super();

    // Create user interface elements
    this.setupUI();

    // Fill "country" combo box with values
    this.fillComboBox();

    this.pack();
}

/**
 * This method creates all the user interface elements of the form.
 */
protected final void setupUI() {
    GridBagConstraints constraints = null;
    JLabel firstNameLabel = null;
    JLabel surNameLabel = null;
    JLabel countryLabel = null;
    JLabel emailLabel = null;
    JButton okButton = null;
    JButton cancelButton = null;
    JPanel genderPanel = null;
    JPanel buttonPanel = null;
    ButtonGroup genderButtonGroup = null;

    layout = new GridBagLayout();
    this.setLayout(layout);

    firstNameLabel = new JLabel("First name:");
    constraints = new GridBagConstraints();
    constraints.anchor = GridBagConstraints.WEST;
    constraints.gridx = 0;
    constraints.gridy = 0;
    constraints.insets = FIVE_PIXEL_INSETS;
    this.add(firstNameLabel, constraints);

    firstNameTextField = new JTextField();
    firstNameTextField.setColumns(FORTY_CHARACTERS);
```

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constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = 1;
constraints.gridy = 0;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(firstNameTextField, constraints);

surNameLabel = new JLabel("Surname:");
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = 0;
constraints.gridy = 1;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(surNameLabel, constraints);

surNameTextField = new JTextField();
surNameTextField.setColumns(FIFTY_CHARACTERS);
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = 1;
constraints.gridy = 1;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(surNameTextField, constraints);

genderButtonGroup = new ButtonGroup();
maleRadioButton = new JRadioButton("Male");
femaleRadioButton = new JRadioButton("Female");
genderButtonGroup.add(maleRadioButton);
genderButtonGroup.add(femaleRadioButton);

genderPanel = new JPanel();
genderPanel.setBorder(new TitledBorder("Gender"));
genderPanel.add(maleRadioButton);
genderPanel.add(femaleRadioButton);
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = 0;
constraints.gridy = 2;
constraints.gridwidth = 2;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(genderPanel, constraints);

countryLabel = new JLabel("Country");
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = COUNTRY_LABEL_GRID_X;
constraints.gridy = COUNTRY_LABEL_GRID_Y;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(countryLabel, constraints);

countryComboBox = new JComboBox();
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = COUNTRY_COMBO_GRID_X;
constraints.gridy = COUNTRY_COMBO_GRID_Y;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(countryComboBox, constraints);

emailLabel = new JLabel("E-Mail:");
constraints = new GridBagConstraints();
constraints.anchor = GridBagConstraints.WEST;
constraints.gridx = EMAIL_LABEL_GRID_X;
constraints.gridy = EMAIL_LABEL_GRID_Y;
constraints.insets = FIVE_PIXEL_INSETS;
this.add(emailLabel, constraints);

emailTextField = new JTextField();
emailTextField.setColumns(FIFTY_CHARACTERS);
```

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        constraints = new GridBagConstraints();
        constraints.anchor = GridBagConstraints.WEST;
        constraints.gridx = EMAIL_TEXT_FIELD_GRID_X;
        constraints.gridy = EMAIL_TEXT_FIELD_GRID_Y;
        constraints.insets = FIVE_PIXEL_INSETS;
        this.add(emailTextField, constraints);

        subscribeCheckBox = new JCheckBox("Subscribe to course");
        constraints = new GridBagConstraints();
        constraints.anchor = GridBagConstraints.WEST;
        constraints.gridx = SUBSCRIBE_CHECKBOX_GRID_X;
        constraints.gridy = SUBSCRIBE_CHECKBOX_GRID_Y;
        constraints.gridwidth = SUBSCRIBE_CHECKBOX_GRIDWIDTH;
        constraints.insets = FIVE_PIXEL_INSETS;
        this.add(subscribeCheckBox, constraints);

        buttonPanel = new JPanel();

        okButton = new JButton("OK");
        cancelButton = new JButton("Cancel");
        buttonPanel.add(okButton);
        buttonPanel.add(cancelButton);

        constraints = new GridBagConstraints();
        constraints.anchor = GridBagConstraints.CENTER;
        constraints.gridx = OK_CANCEL_BUTTON_PANEL_GRID_X;
        constraints.gridy = OK_CANCEL_BUTTON_PANEL_GRID_Y;
        constraints.gridwidth = OK_CANCEL_BUTTON_PANEL_GRIDWIDTH;
        constraints.insets = FIVE_PIXEL_INSETS;
        this.add(buttonPanel, constraints);

        this.setTitle("\"Efficient Java UI development with "
                + "SwiXML\" by Dmitri Pissarenko");
        this.setDefaultCloseOperation(WindowConstants.EXIT_ON_CLOSE);
        this.setResizable(false);
    }

    /**
     * This method fills the combobox "Country" with values.
     */
    protected final void fillComboBox() {
        this.countryComboBox.addItem("Russia");
        this.countryComboBox.addItem("Austria");
        this.countryComboBox.addItem("Germany");
        this.countryComboBox.addItem("Belarus");
        this.countryComboBox.addItem("Ukraine");
        this.countryComboBox.addItem("Other");
    }

    /**
     * This main method displays a sample form with user interface elements like
     * textfield, radio box, combo box, check box and push buttons.
     *
     * @param args The arguments are not used in the program.
     */
    public static void main(final String[] args) {
        SampleFormJava form = null;

        form = new SampleFormJava();
        form.setVisible(true);
    }
}
```