

Nama : Dwi Putra Sudaryanto  
NIM : 12111075  
Kelas : 22/FTI

### Coding

```
/**
 * Putra Sudaryanto
 * 12111075
 * 22/FTI
 */

import javax.swing.*;
import java.awt.*;

class Mygui extends JFrame {
    public Mygui() {
        render();
    }

    public void render() {
        JPanel prop = new JPanel();
        prop.setLayout(null);

        prop.add(new JLabel("NIM")).setBounds(10, 10, 100, 25);
        prop.add(new JLabel(": 12111075")).setBounds(100, 10, 200, 25);

        prop.add(new JLabel("Nama")).setBounds(10, 40, 100, 25);
        prop.add(new JLabel(": Dwi Putra Sudaryanto")).setBounds(100, 40, 200, 25);

        prop.add(new JLabel("E-Learning (Identity)")).setBounds(120, 80, 200, 25);

        prop.add(new JLabel("SIN")).setBounds(10, 120, 100, 25);
        prop.add(new JTextField(8)).setBounds(100, 120, 150, 25);

        prop.add(new JLabel("Name")).setBounds(10, 150, 100, 25);
        prop.add(new JTextField(64)).setBounds(100, 150, 200, 25);

        prop.add(new JLabel("Address")).setBounds(10, 180, 100, 25);
        prop.add(new JTextField(128)).setBounds(100, 180, 280, 25);

        prop.add(new JLabel("Gender")).setBounds(10, 210, 100, 25);
    }
}
```

```

        JRadioButton male = new JRadioButton("Male");
        JRadioButton female = new JRadioButton("Female");
        ButtonGroup gender = new ButtonGroup();
        prop.add(male).setBounds(100, 210, 70, 25);
        prop.add(female).setBounds(180, 210, 70, 25);
        gender.add(male);
        gender.add(female);

        String[] list_agama =
{"Islamic", "Katholic", "Christian", "Budhis", "Hindu", "Konghucu"};
        prop.add(new JLabel("Religion")).setBounds(10, 240, 100, 25);
        JComboBox opt_agama = new JComboBox(list_agama);
        prop.add(opt_agama).setBounds(100, 240, 150, 25);

        prop.add(new JLabel("E-Mail")).setBounds(10, 270, 100, 25);
        prop.add(new JTextField(64)).setBounds(100, 270, 200, 25);

        prop.add(new JLabel("Facebook")).setBounds(10, 300, 100, 25);
        prop.add(new JTextField(64)).setBounds(100, 300, 200, 25);

        prop.add(new JLabel("Phone")).setBounds(10, 330, 100, 25);
        prop.add(new JTextField(32)).setBounds(100, 330, 200, 25);

        prop.add(new JButton("Save")).setBounds(100, 370, 70, 25);
        prop.add(new JButton("Edit")).setBounds(175, 370, 70, 25);
        prop.add(new JButton("Exit")).setBounds(250, 370, 70, 25);

        this.setContentPane(prop);
        setTitle("Frame");
        setLocation(300,100);
        setSize(400,500);
    }

    public static void main(String[]args) {
        Mygui f = new Mygui();
        f.setVisible(true);
    }
}

```

## Preview

The image shows a Java IDE with a terminal window displaying compilation errors and a Java Swing window titled "Frame".

**Terminal Output:**

```
C:\WINDOWS\system32\cmd.exe - java Mygui

E:\Google Drive\[PERSONAL]\LEARNING\05 Java\20151022\Tugas>javac Mygui.java
Mygui.java:41: error: cannot find symbol
    prop.add(femalew).setBounds(180, 210, 70, 25);
            ^
  symbol:   variable femalew
  location: class Mygui
Note: Mygui.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.
1 error

E:\Google Drive\[PERSONAL]\LEARNING\05 Java\20151022\Tugas>javac Mygui.java
Note: Mygui.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.

E:\Google Drive\[PERSONAL]\LEARNING\05 Java\20151022\Tugas>java Mygui
```

**Java Swing Window (Frame):**

The window displays the following information:

- NIM : 12111075
- Nama : Dwi Putra Sudaryanto
- E-Learning (Identity)
- SIN :
- Name :
- Address :
- Gender : ☐ Male ☐ Female
- Religion :
- E-Mail :
- Facebook :
- Phone :
- Buttons: Save, Edit, Exit

**Source Code Snippets:**

```
JRadioButton female = new JRadioButton("Female");
ButtonGroup gender = new ButtonGroup();
prop.add(male).setBounds(100, 210, 70, 25);
prop.add(female).setBounds(180, 210, 70, 25);
gender.add(male);
gender.add(female);

String[] list_agama = {"Islamic", "Katholic", "Christian", "Budhis", "Hindu", "Konghucu"};
prop.add(new JLabel("Religion")).setBounds(10, 240, 100, 25);
JComboBox opt_agama = new JComboBox(list_agama);
```