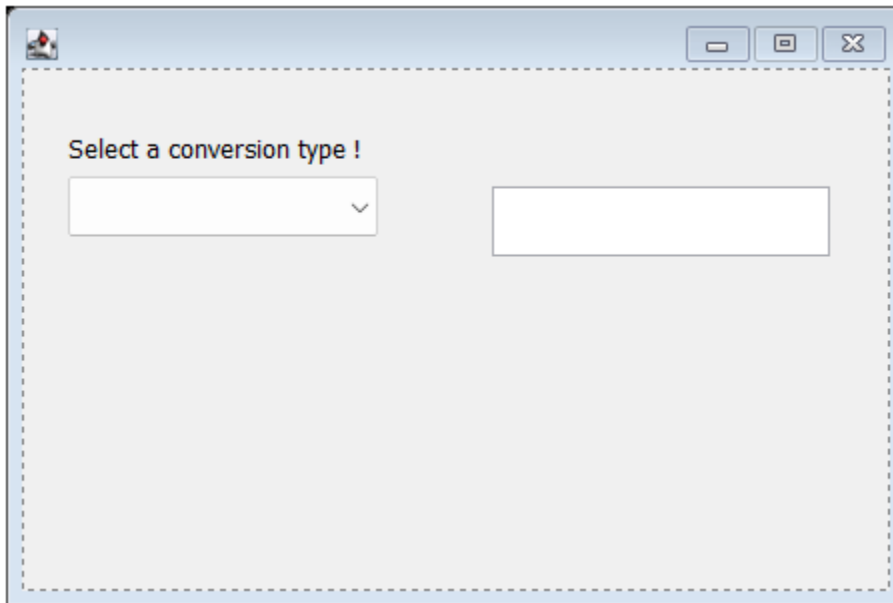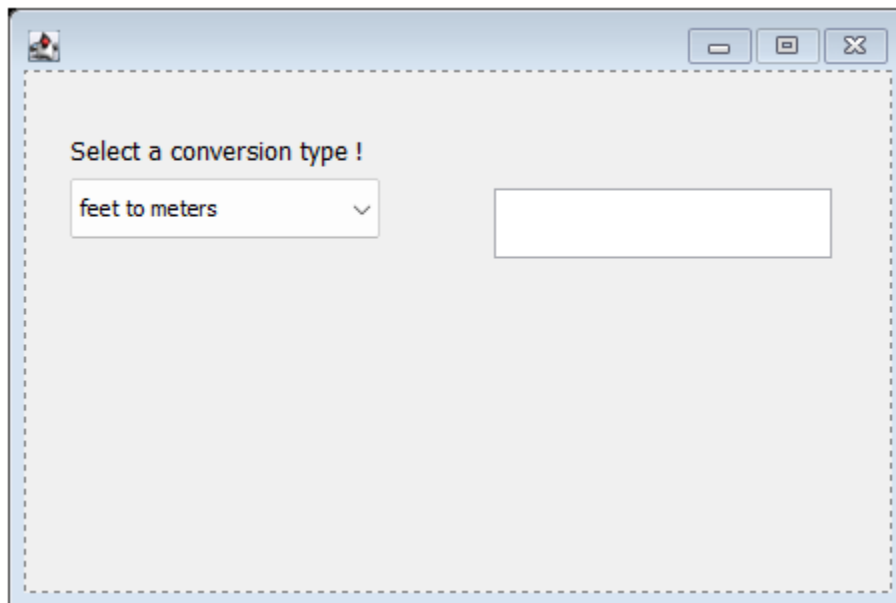## Credit Name: Computer science 3
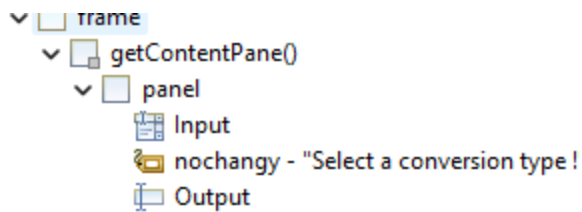
Assignment name: Metric Conversion

Made panels and added components for the project.

Added, feet to meters,inch to centimeters,gallon to liters,pound to kilograms, to the combo box. Also renamed the components

```
v □ frame
  v □ getContentPane()
    v □ panel
        ⊞ Input
        📎 nochangy - "Select a conversion type !"
        ▭ Output
```

```java
JPanel panel = new JPanel();
frame.getContentPane().add(panel, BorderLayout.CENTER);
panel.setLayout(null);

Output = new JTextField();
Output.setFont(new Font("Tahoma", Font.PLAIN, 12));
Output.setText("1 foot == 0.3048 meters");
Output.setBounds(236, 86, 188, 35);
panel.add(Output);
Output.setColumns(10);|

JComboBox Input = new JComboBox();
Input.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {


    }
});
Input.setFont(new Font("Tahoma", Font.PLAIN, 14));
Input.setModel(new DefaultComboBoxModel(new String[] {"feet to meters", "inch to centimeters", "gallon to liters", "pound to kilograms"}));
Input.setBounds(10, 86, 196, 35);
panel.add(Input);

JLabel NoChangy = new JLabel("Select a conversion type !");
NoChangy.setFont(new Font("Tahoma", Font.PLAIN, 17));
NoChangy.setBounds(10, 61, 193, 14);
panel.add(NoChangy);
```
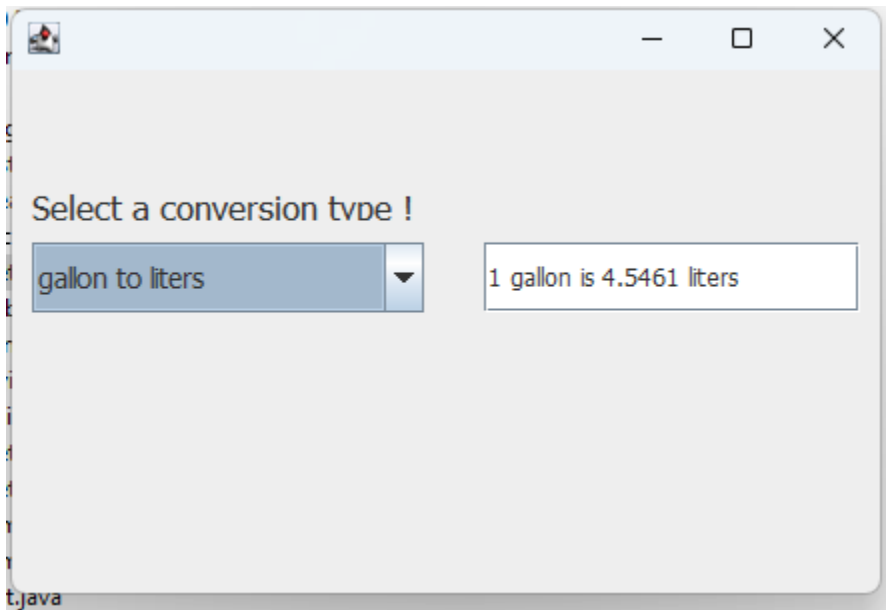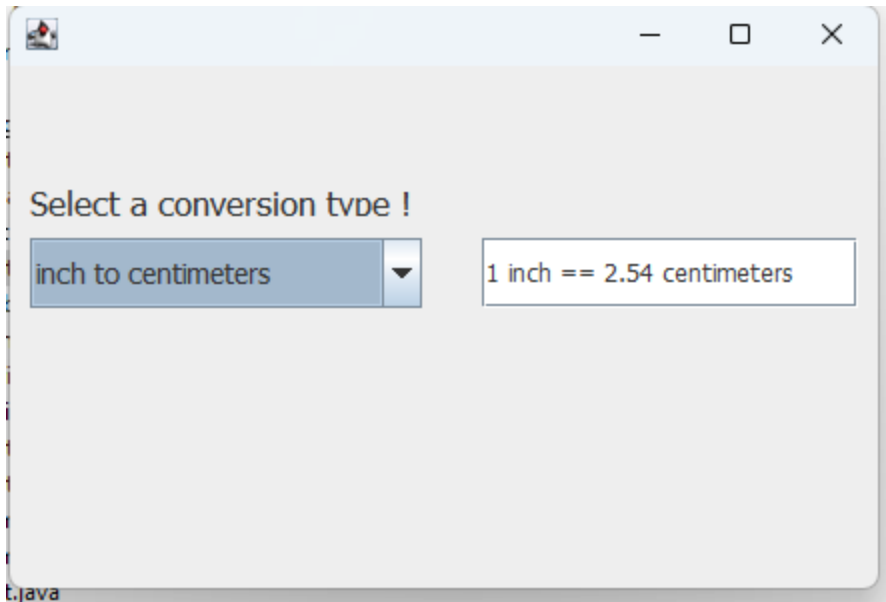
Added event handler to code

```java
//Combo box select and choose
JComboBox Input = new JComboBox();
Input.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {

        String out = (String) Input.getSelectedItem();
        if (out == "inch to centimeters") {
            Output.setText("1 inch == 2.54 centimeters");
        } else if (out == "gallon to liters") {
            Output.setText("1 gallon is 4.5461 liters");
        } else if (out == "pound to kilograms") {
            Output.setText("1 pound is 0.4536 kilograms");
        }
        else {
            Output.setText("1 foot is 0.3048 meters");
        }
```

Filled event handler with a else-if code to select

Select a conversion tvpe !

inch to centimeters

1 inch == 2.54 centimeters

t.java

Select a conversion tvpe !

gallon to liters

1 gallon is 4.5461 liters

t.java

Checked if it works
No errors so far