



# ソフトウェア工学実習

# Software Engineering Practice

## (第07回)

SEP07-003

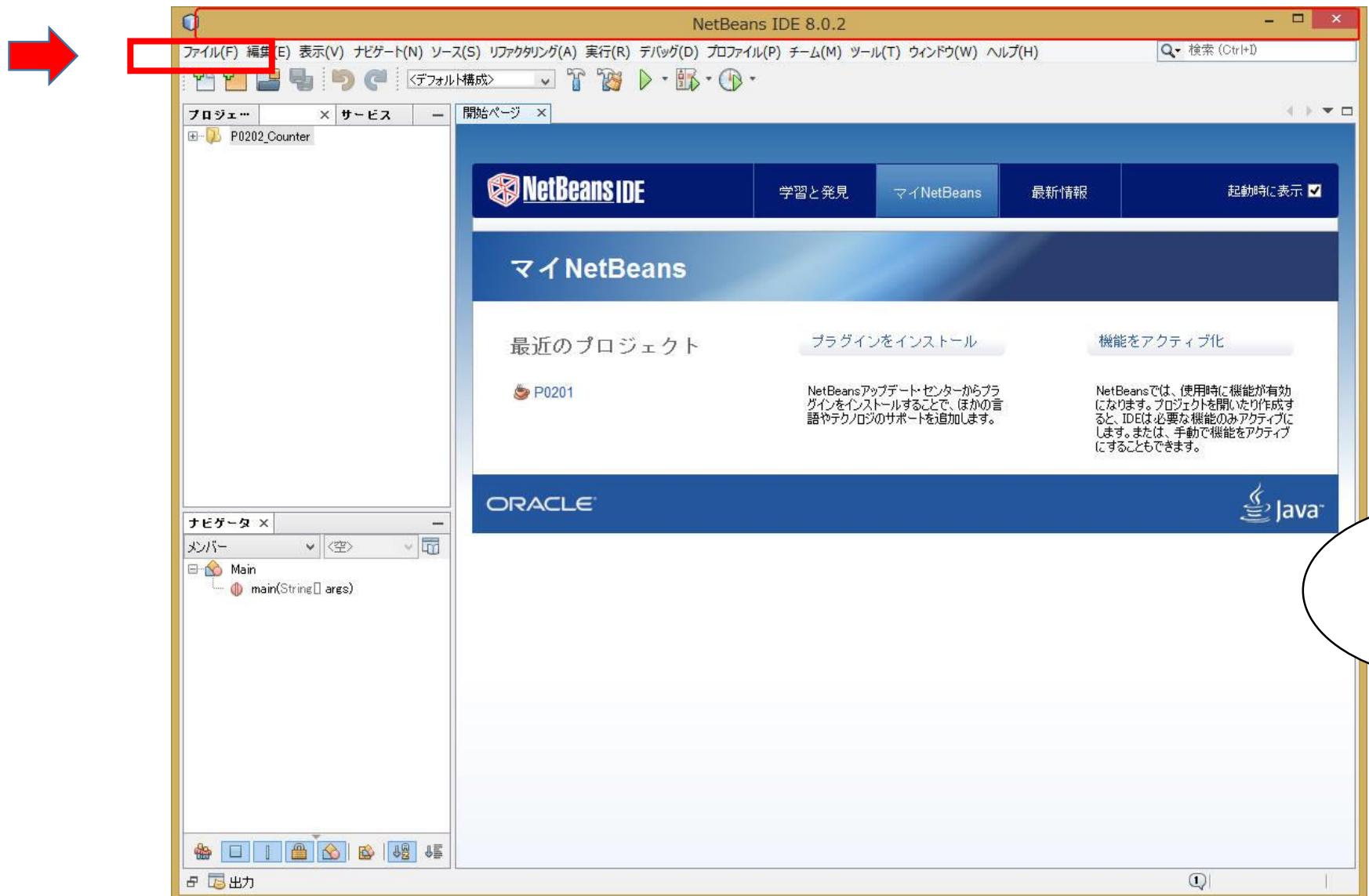
【実習編】NetBeans-SimpleCalc-01

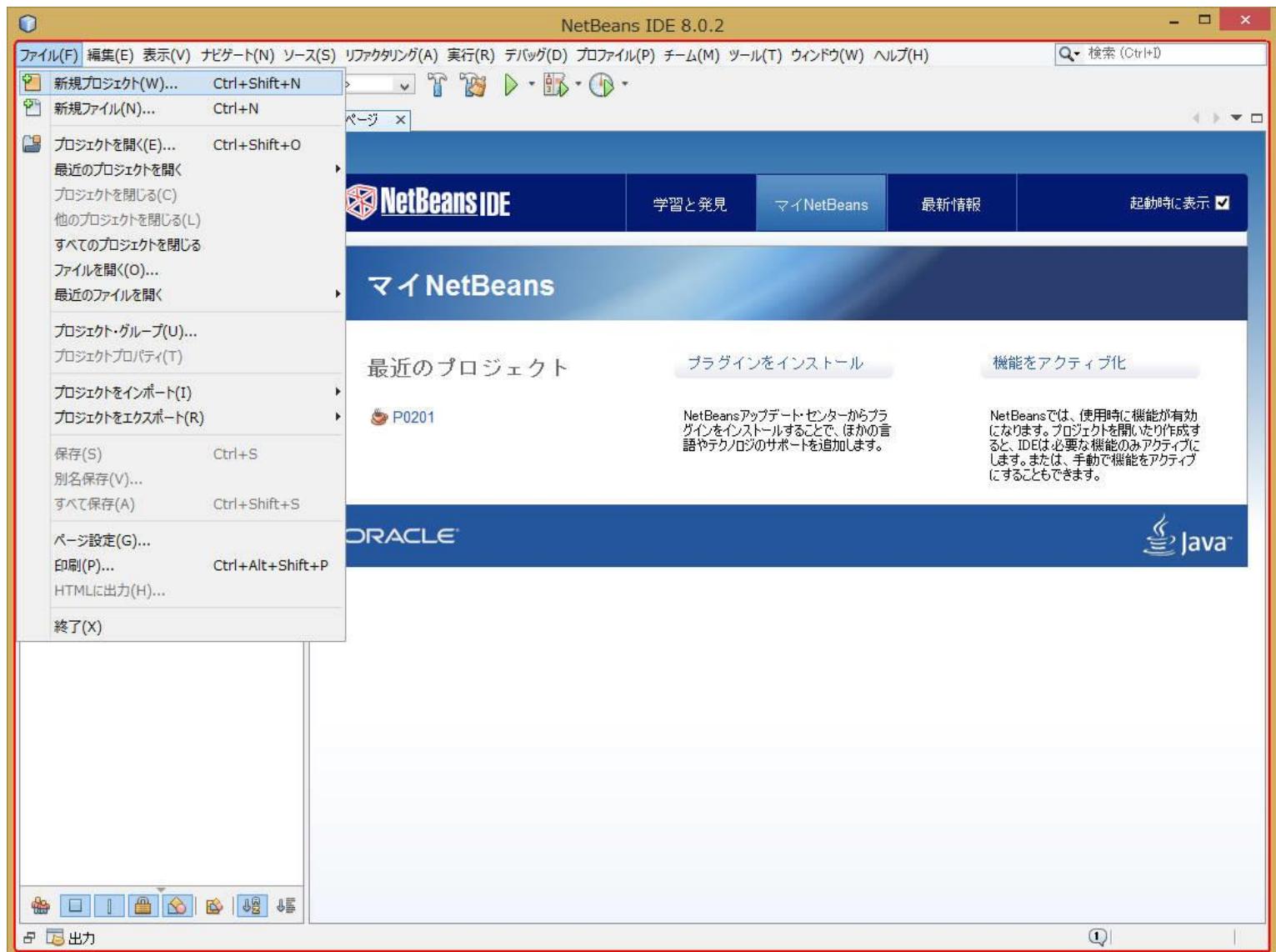
慶應義塾大学・理工学部・管理工学科  
飯島 正

iijima@ae.keio.ac.jp

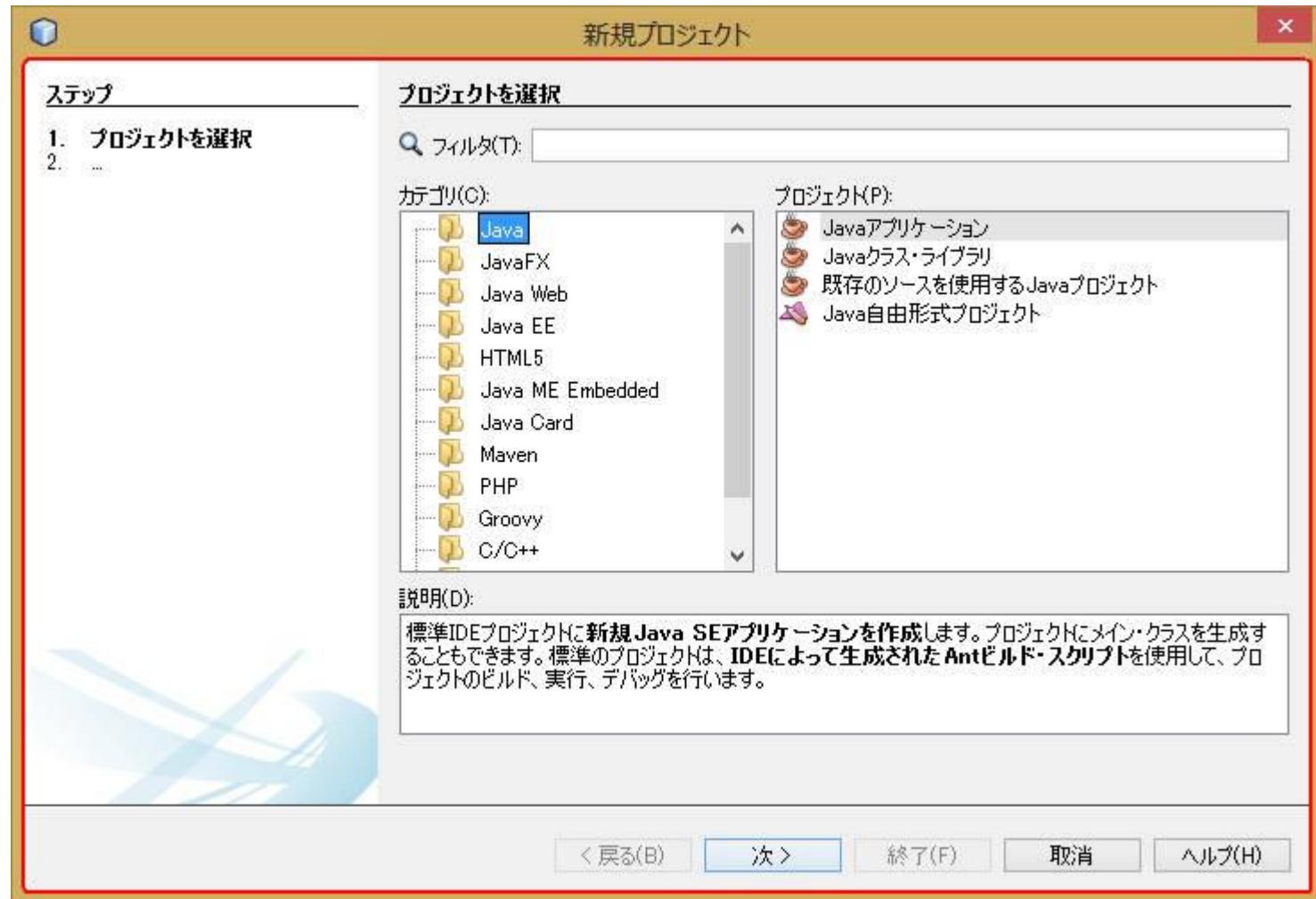
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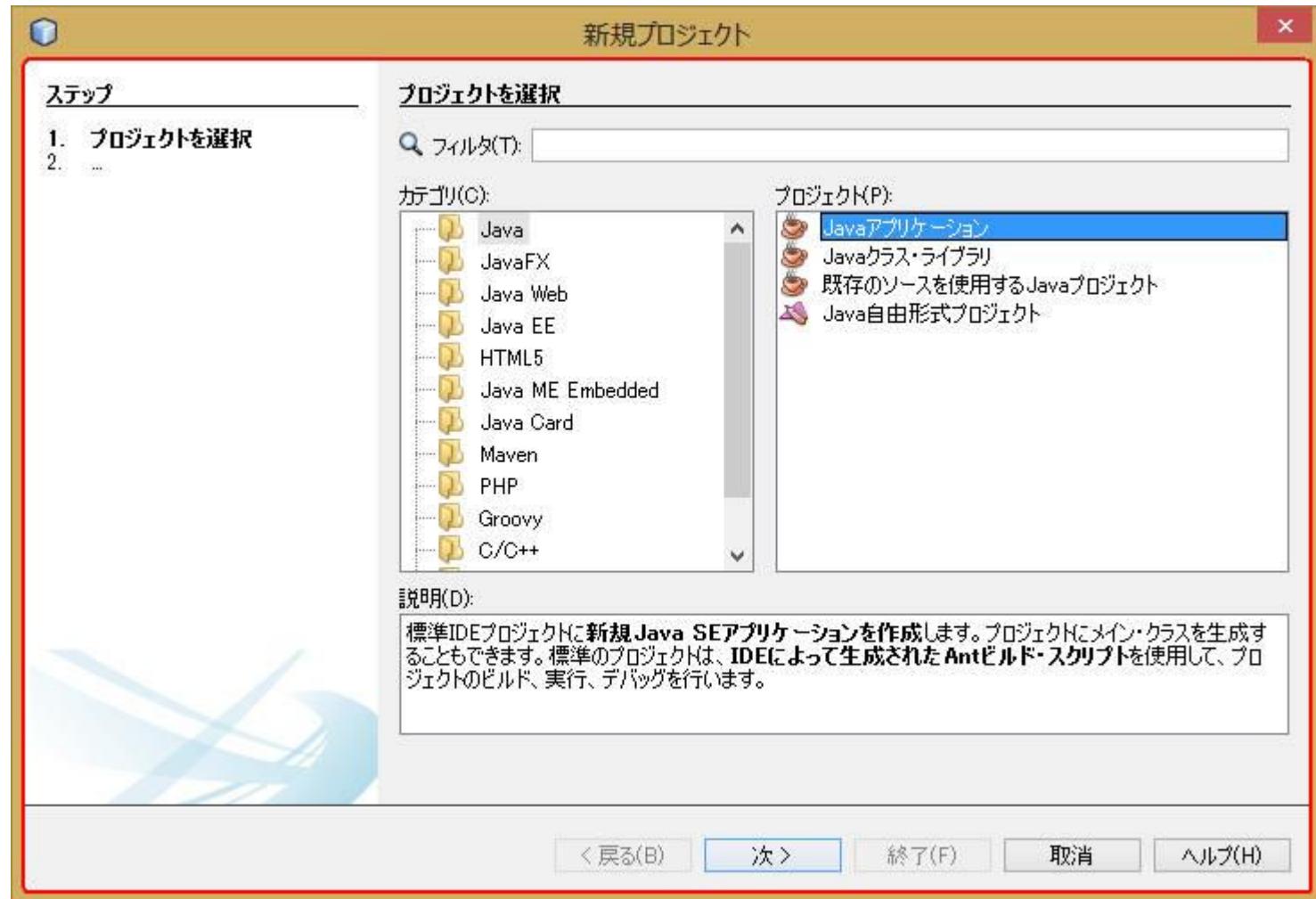




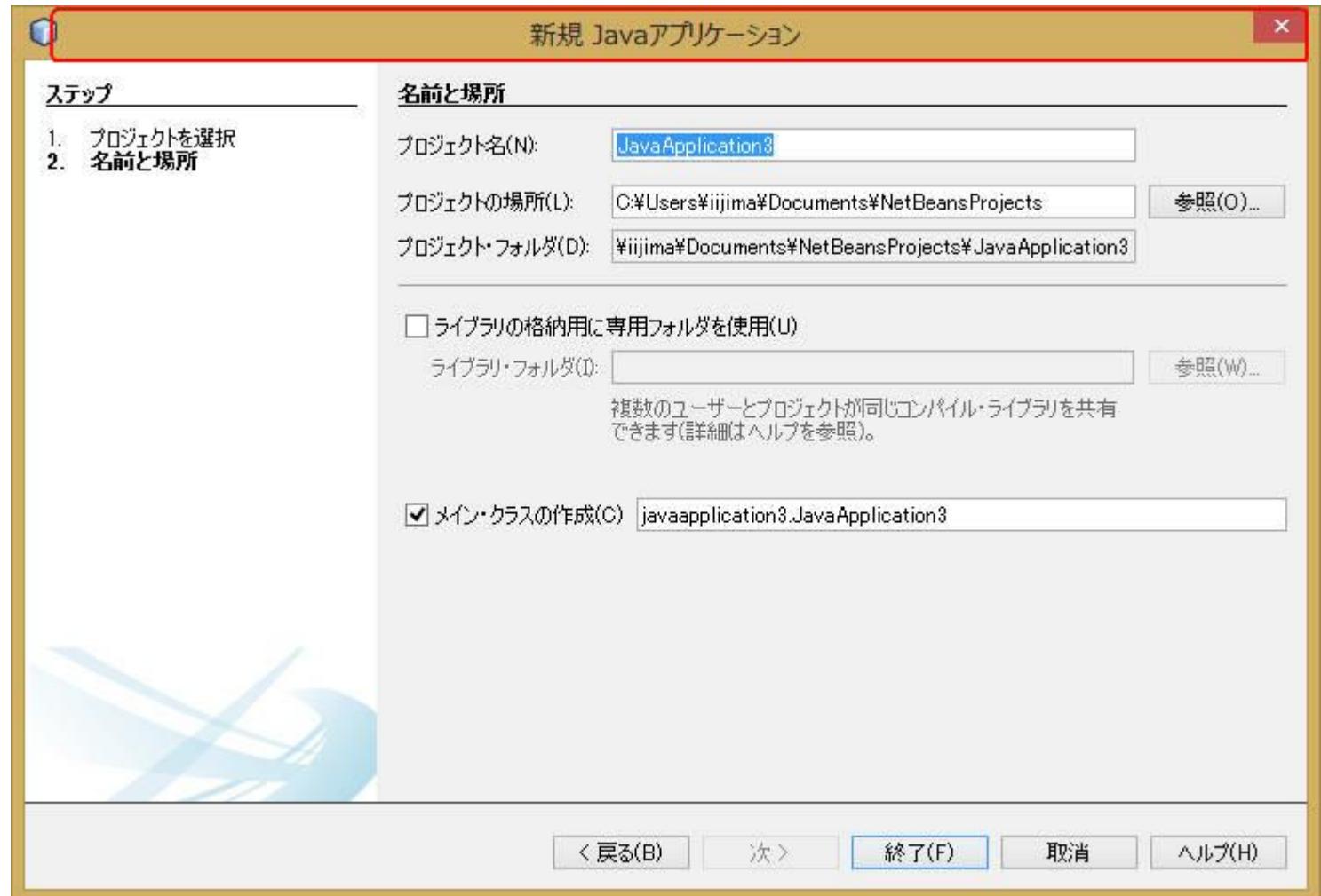


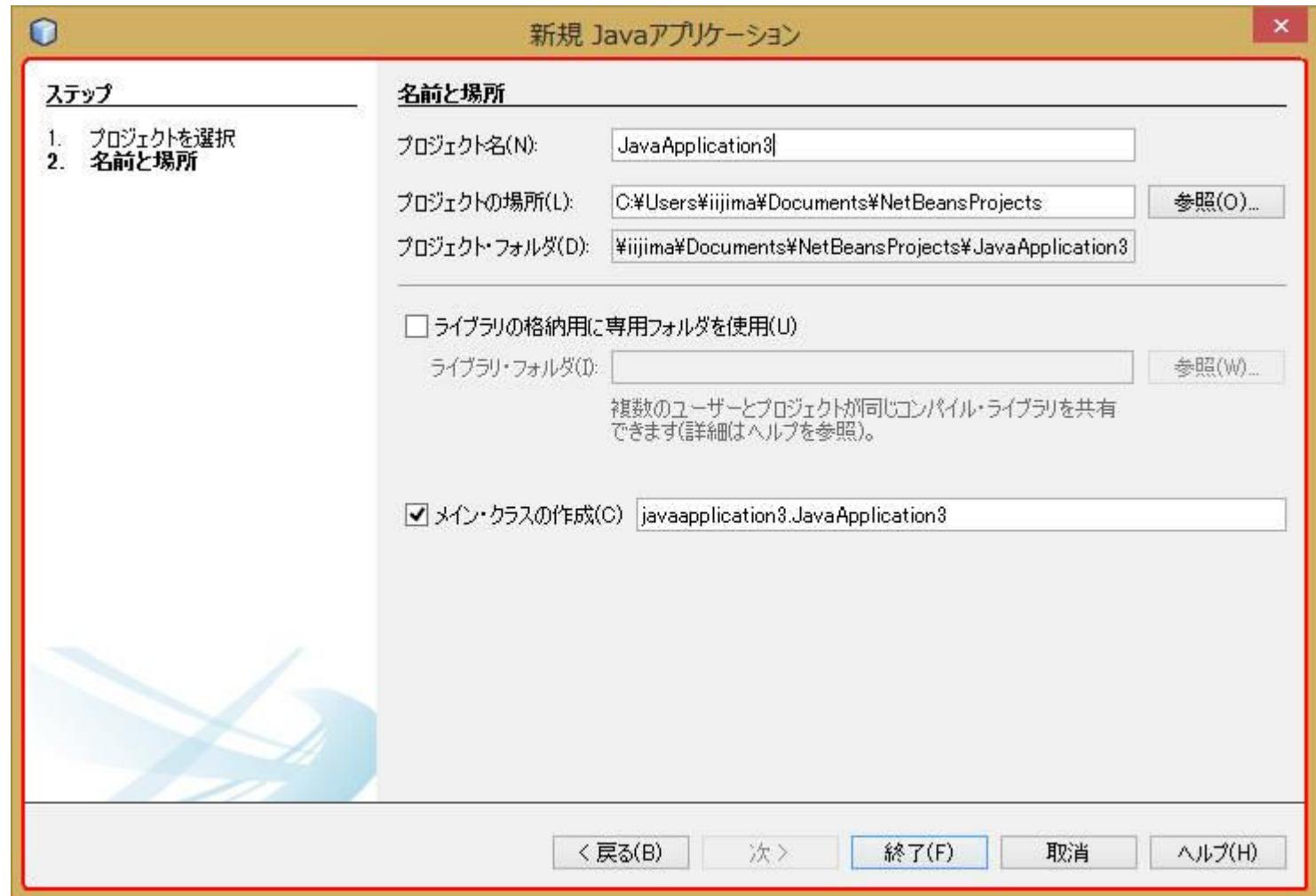


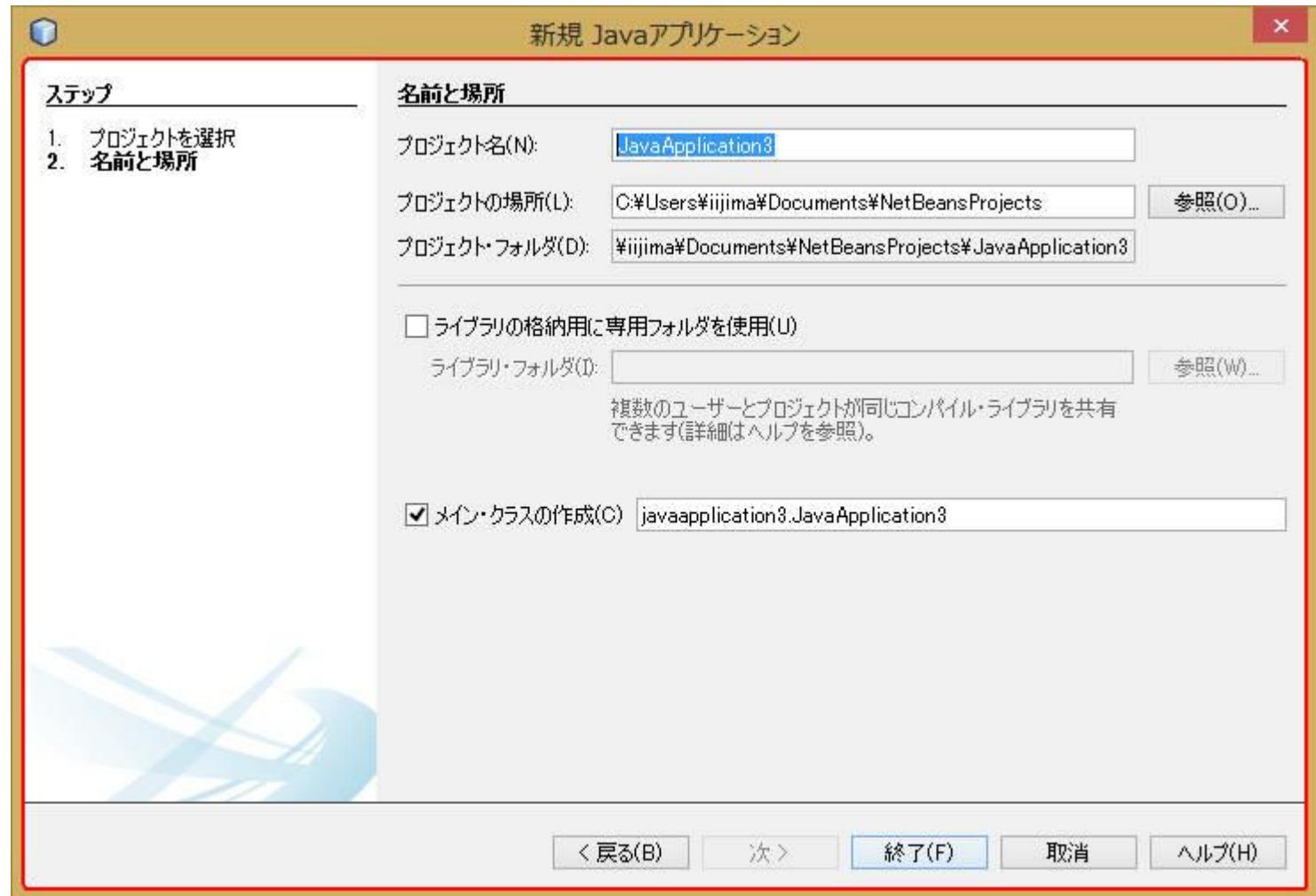


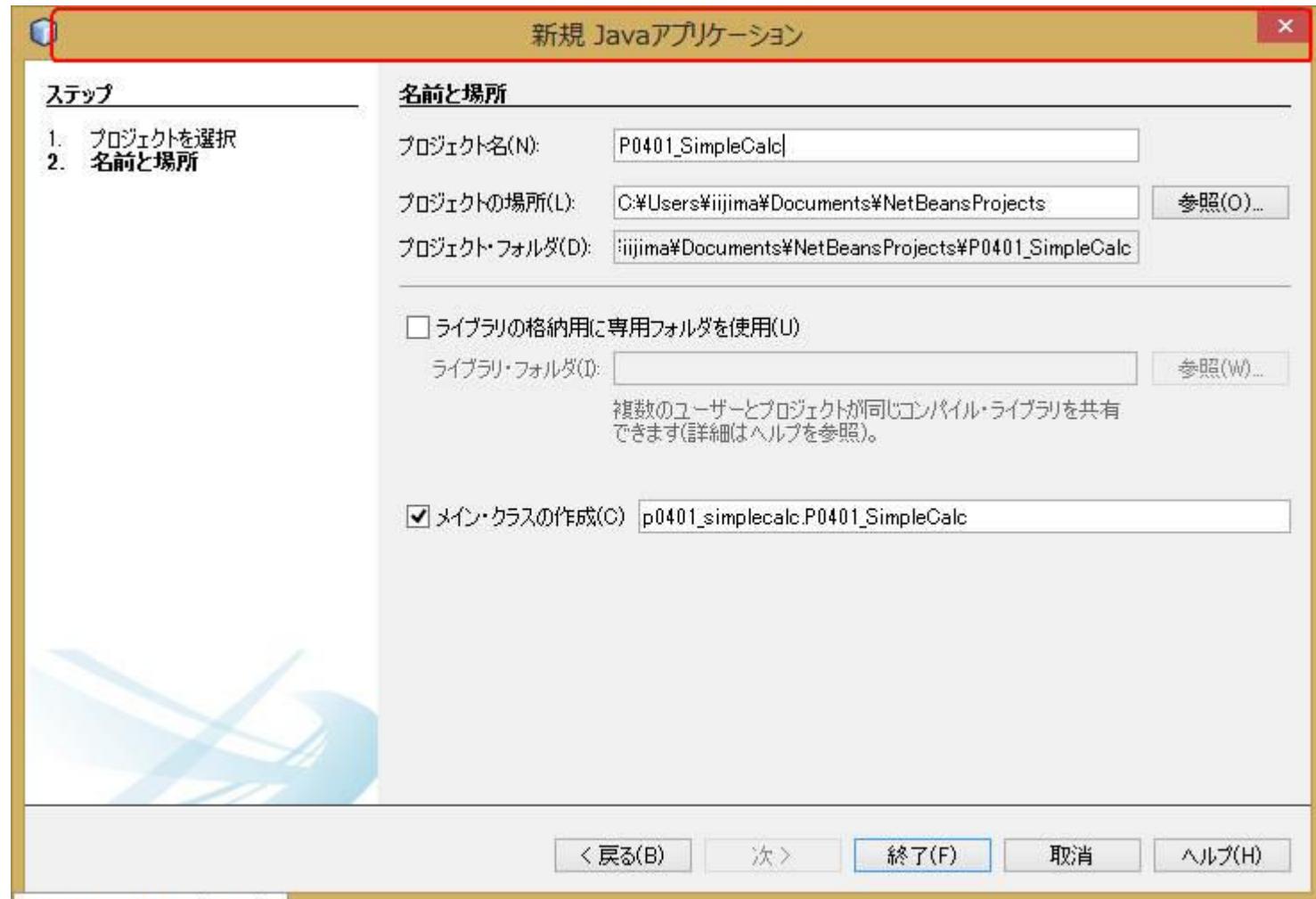


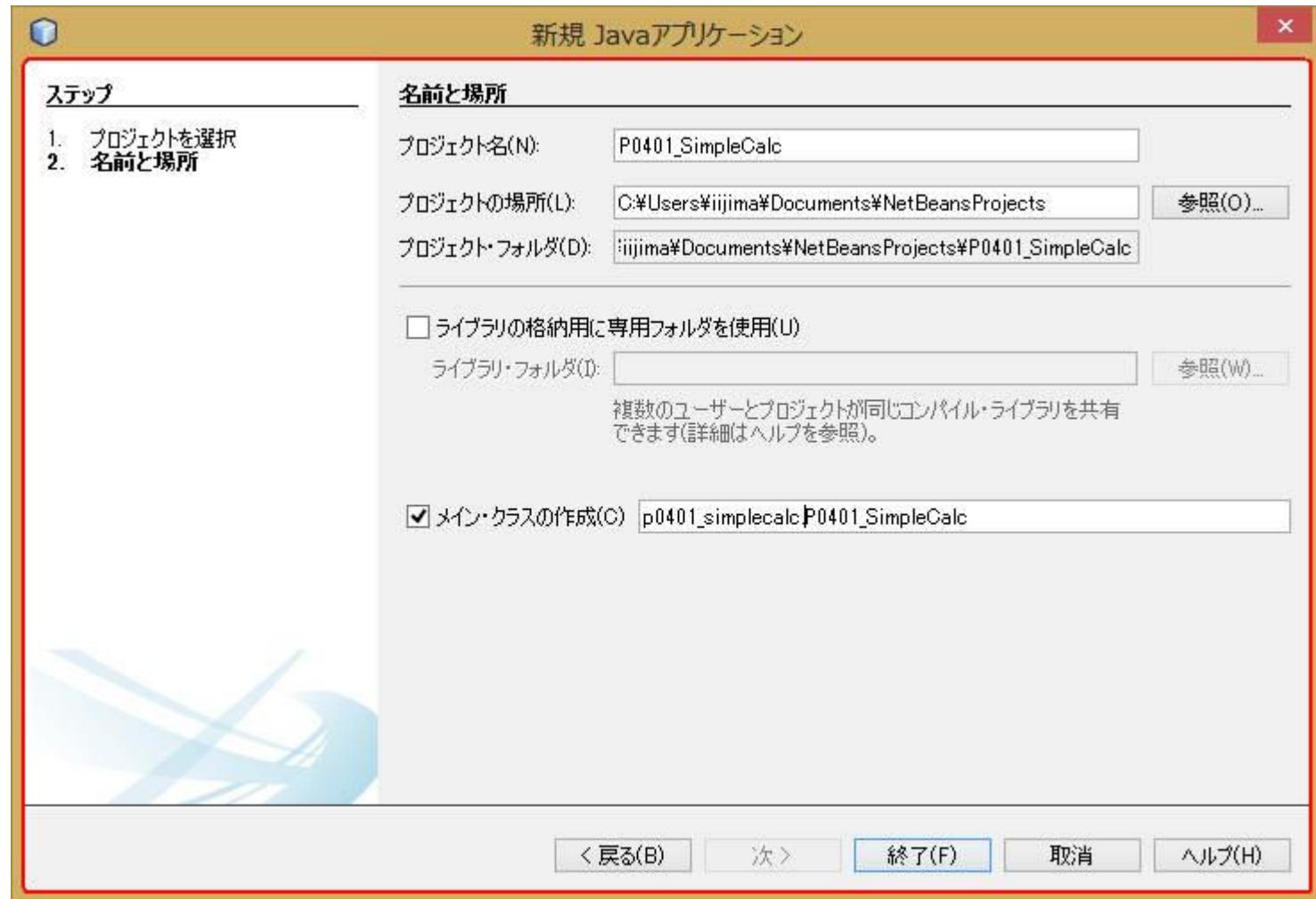


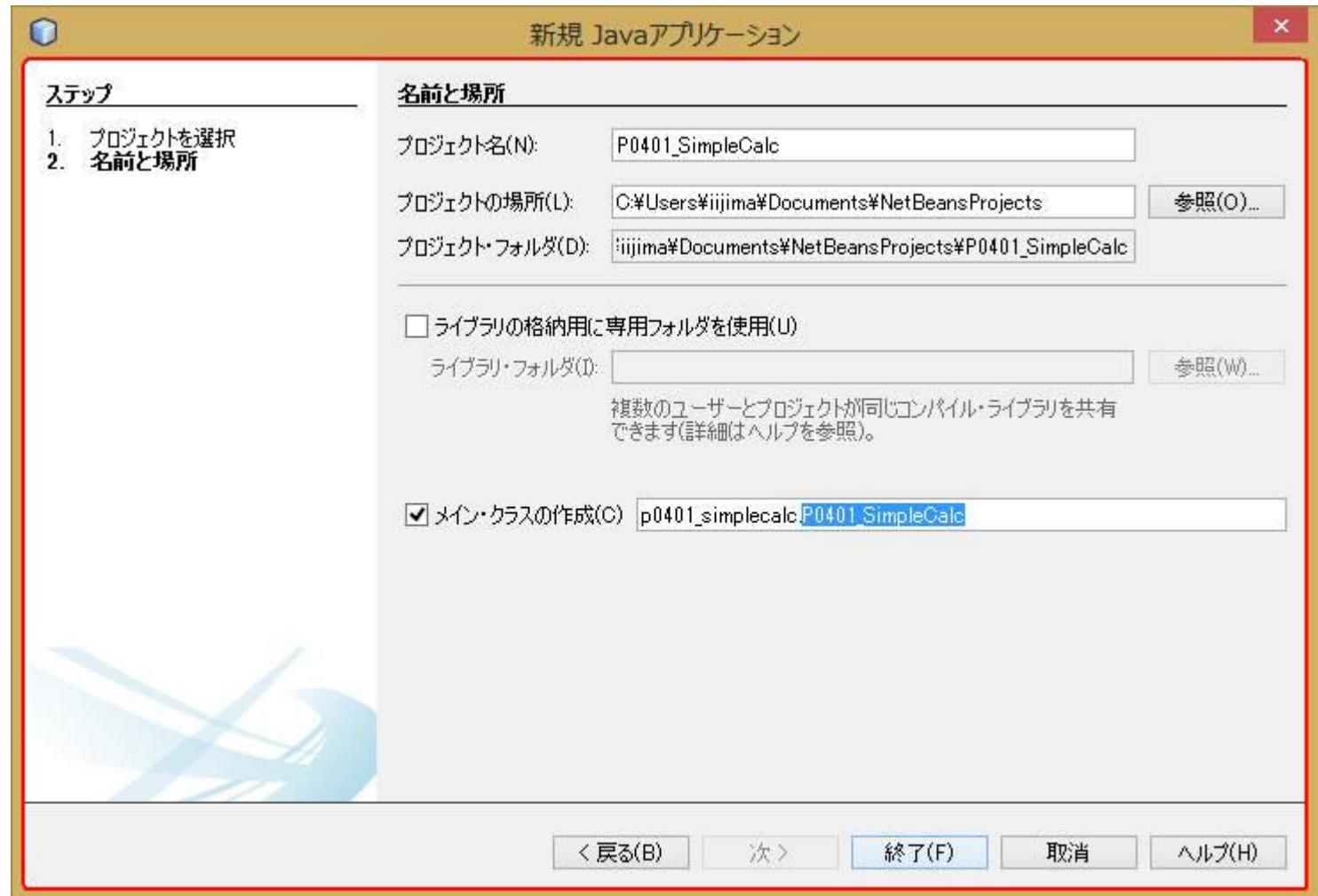


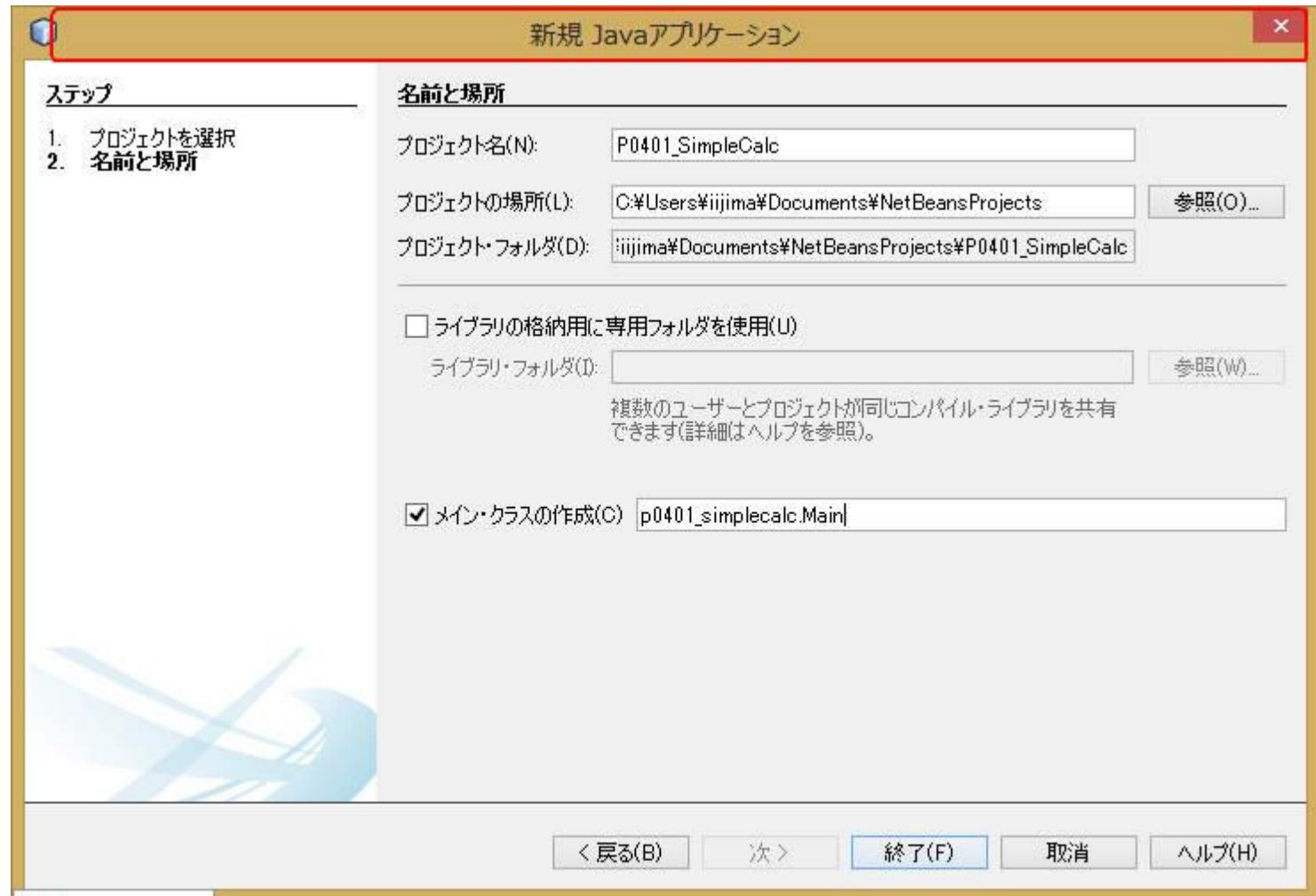


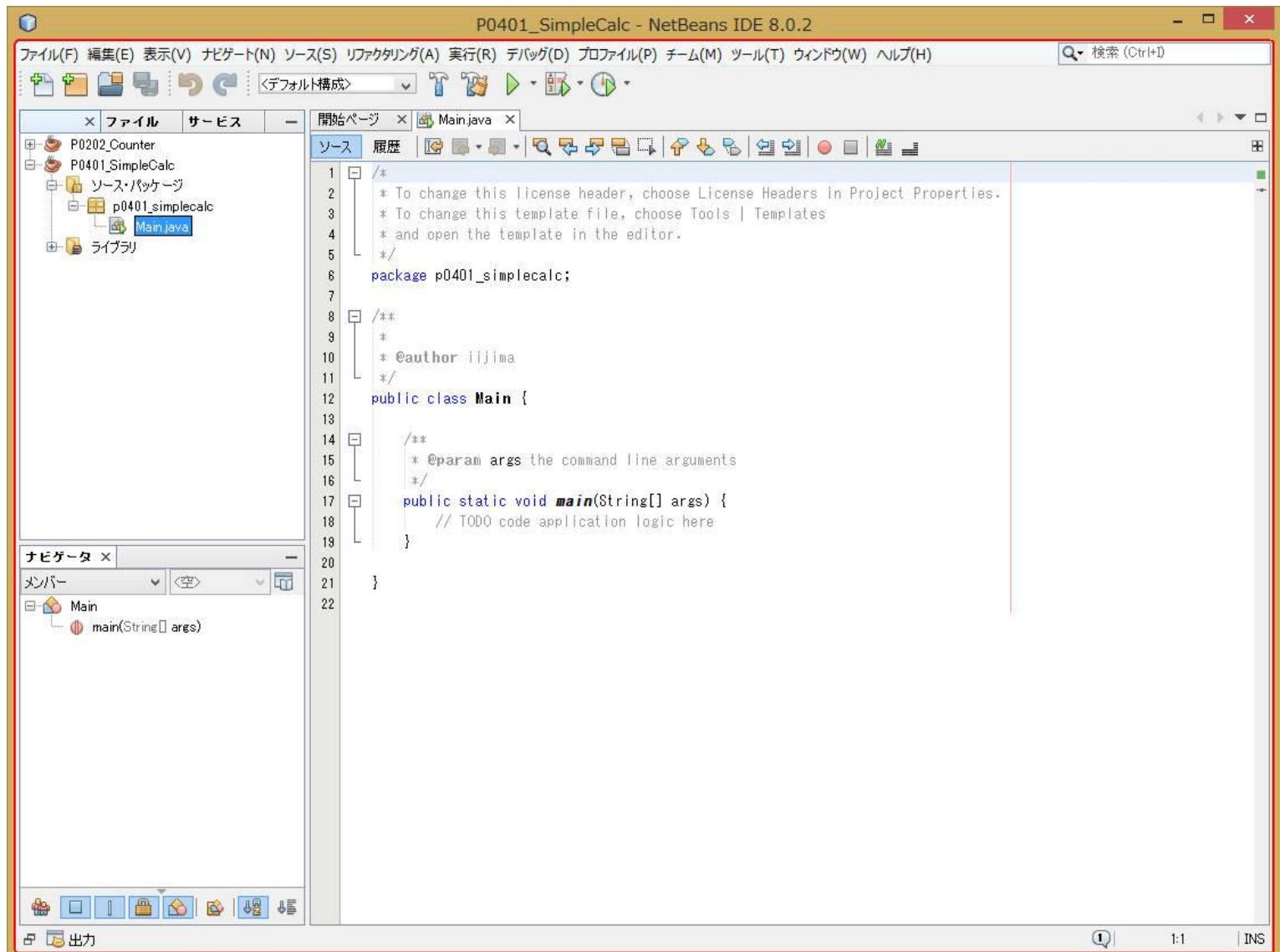


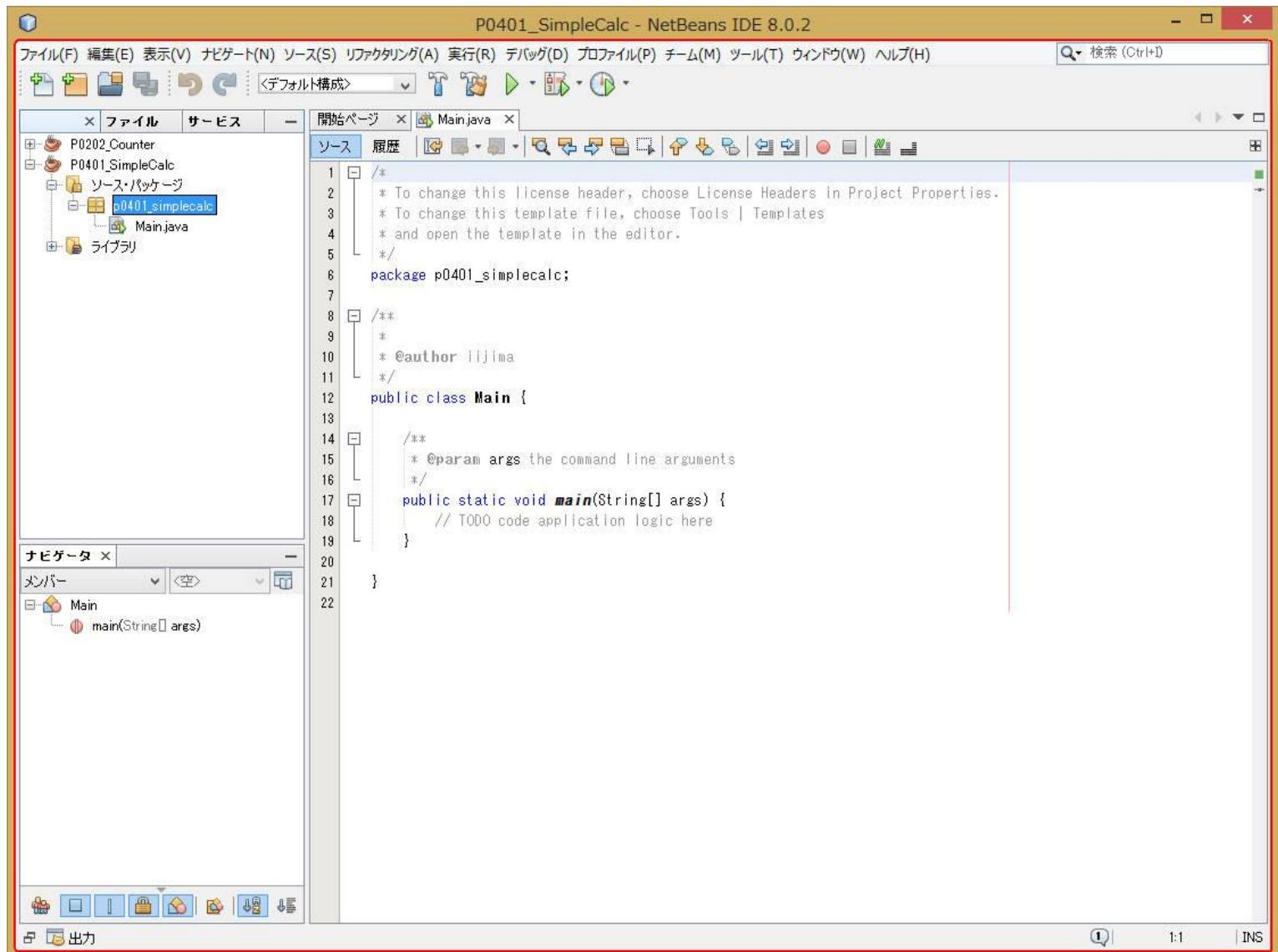


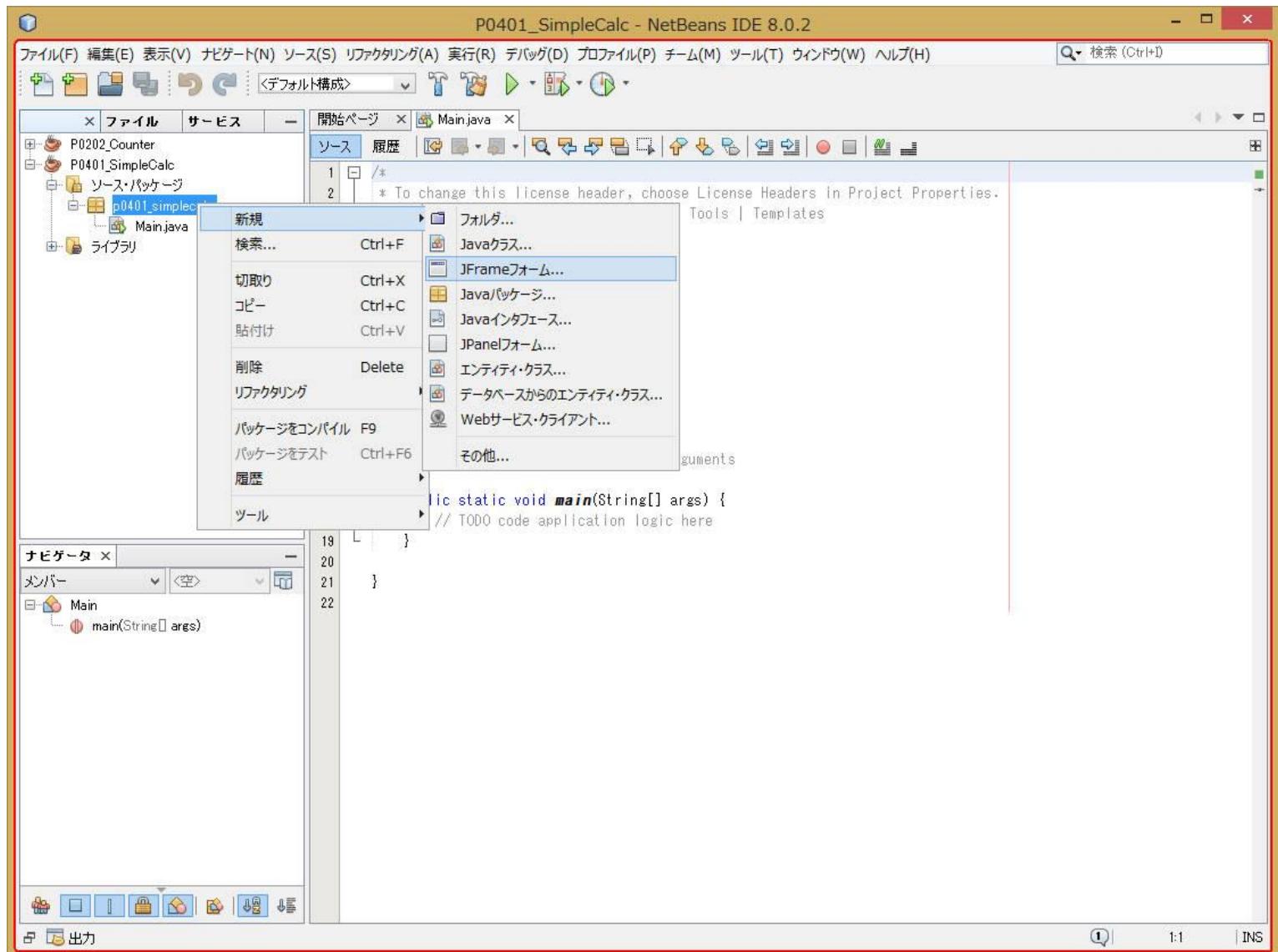


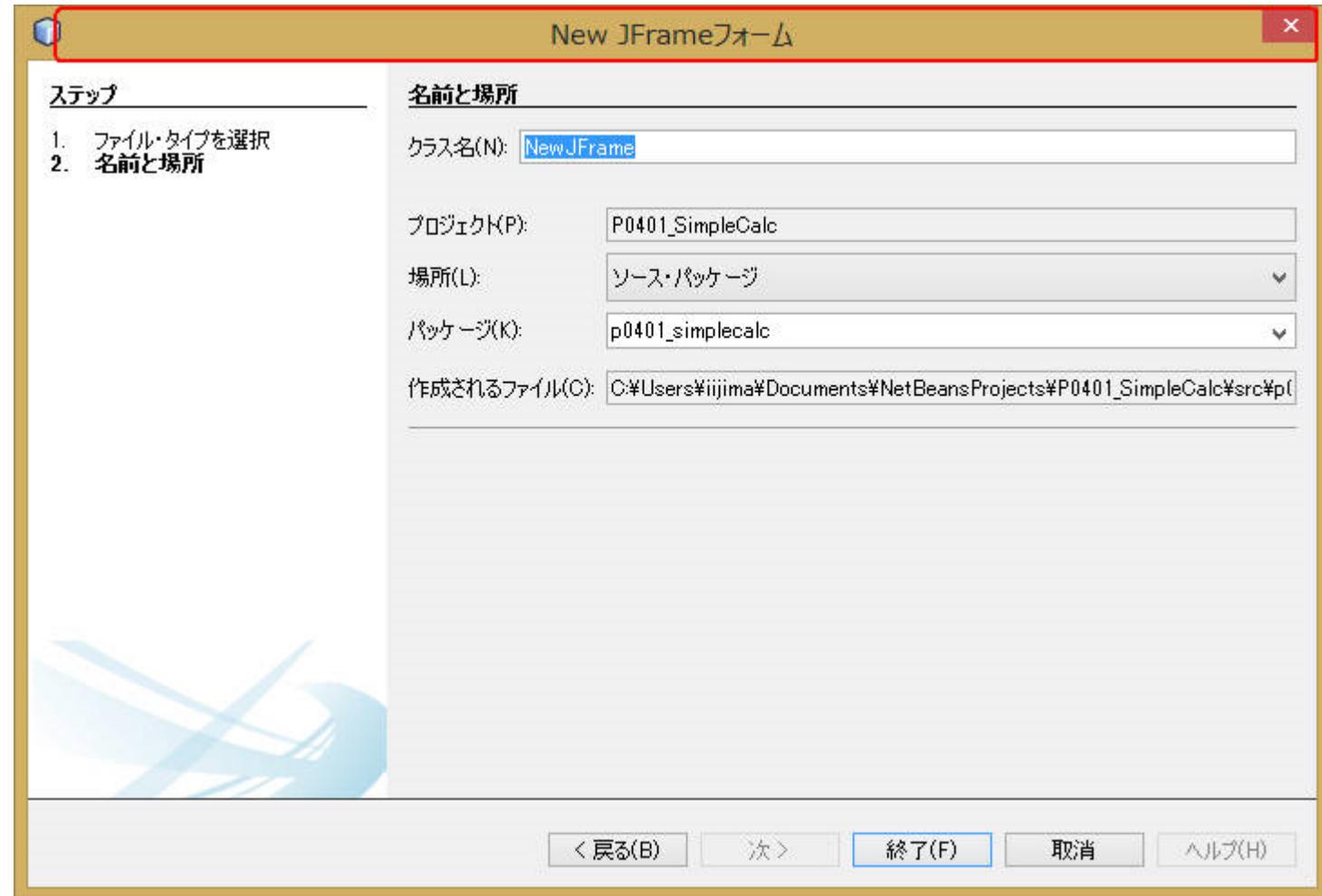


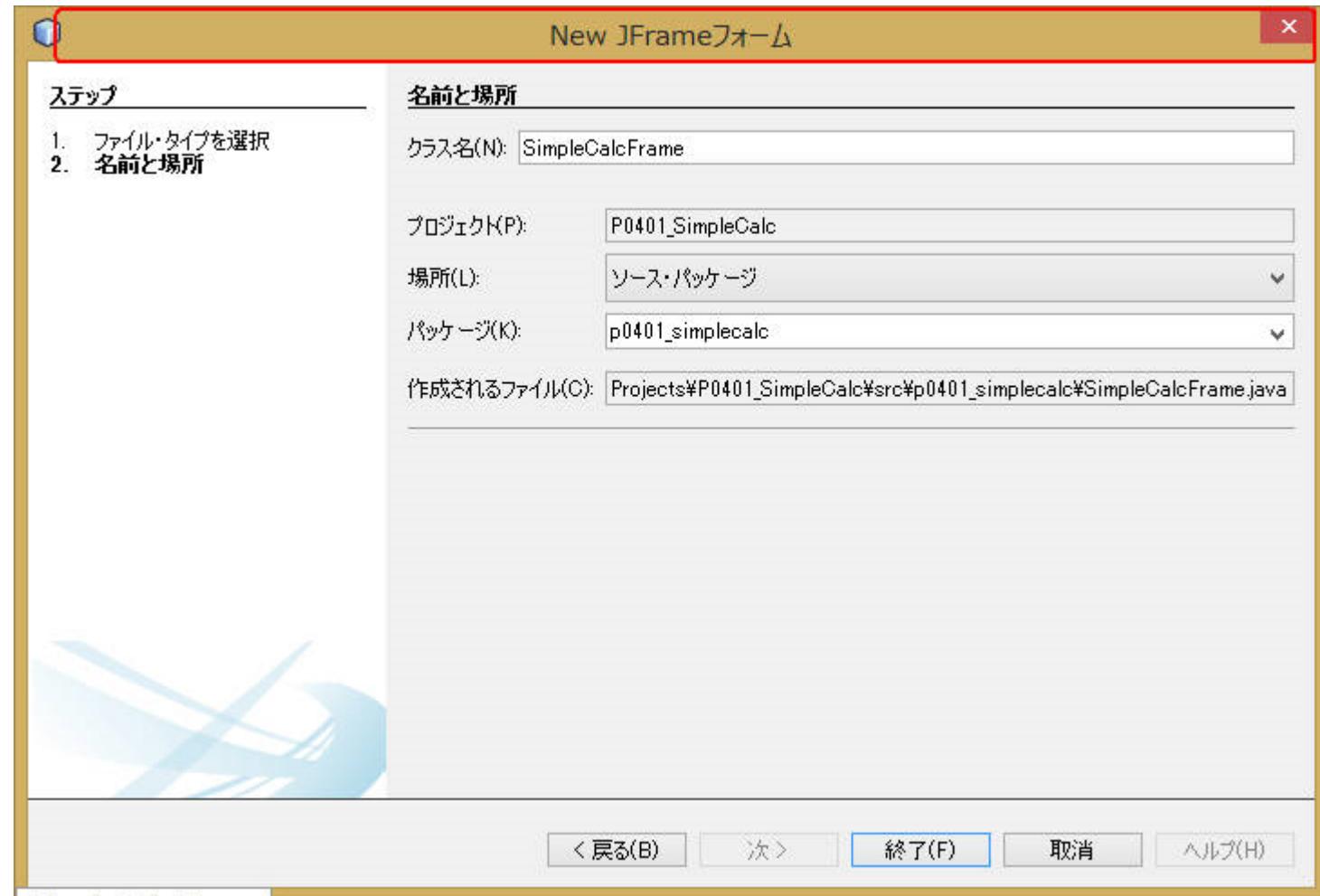


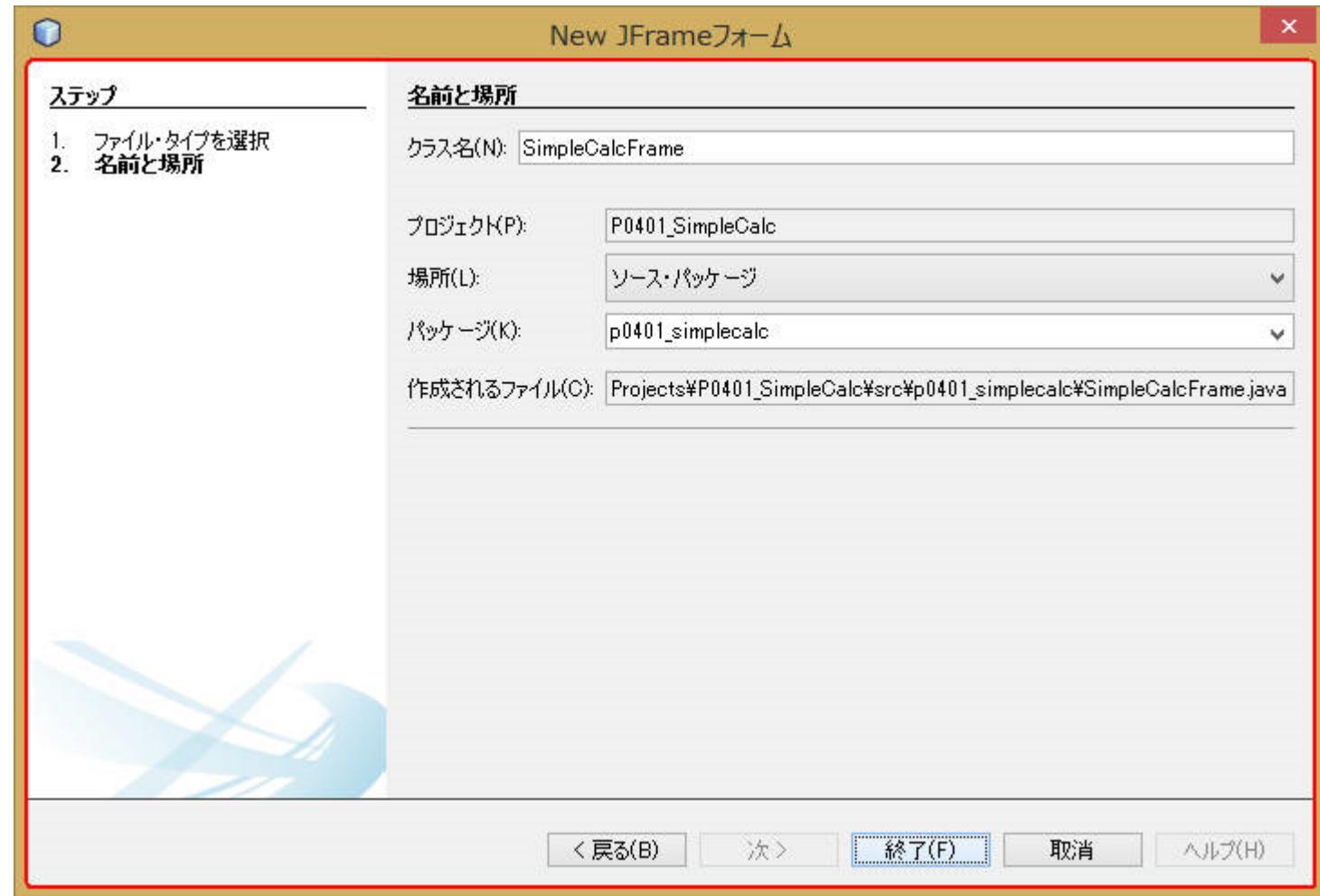


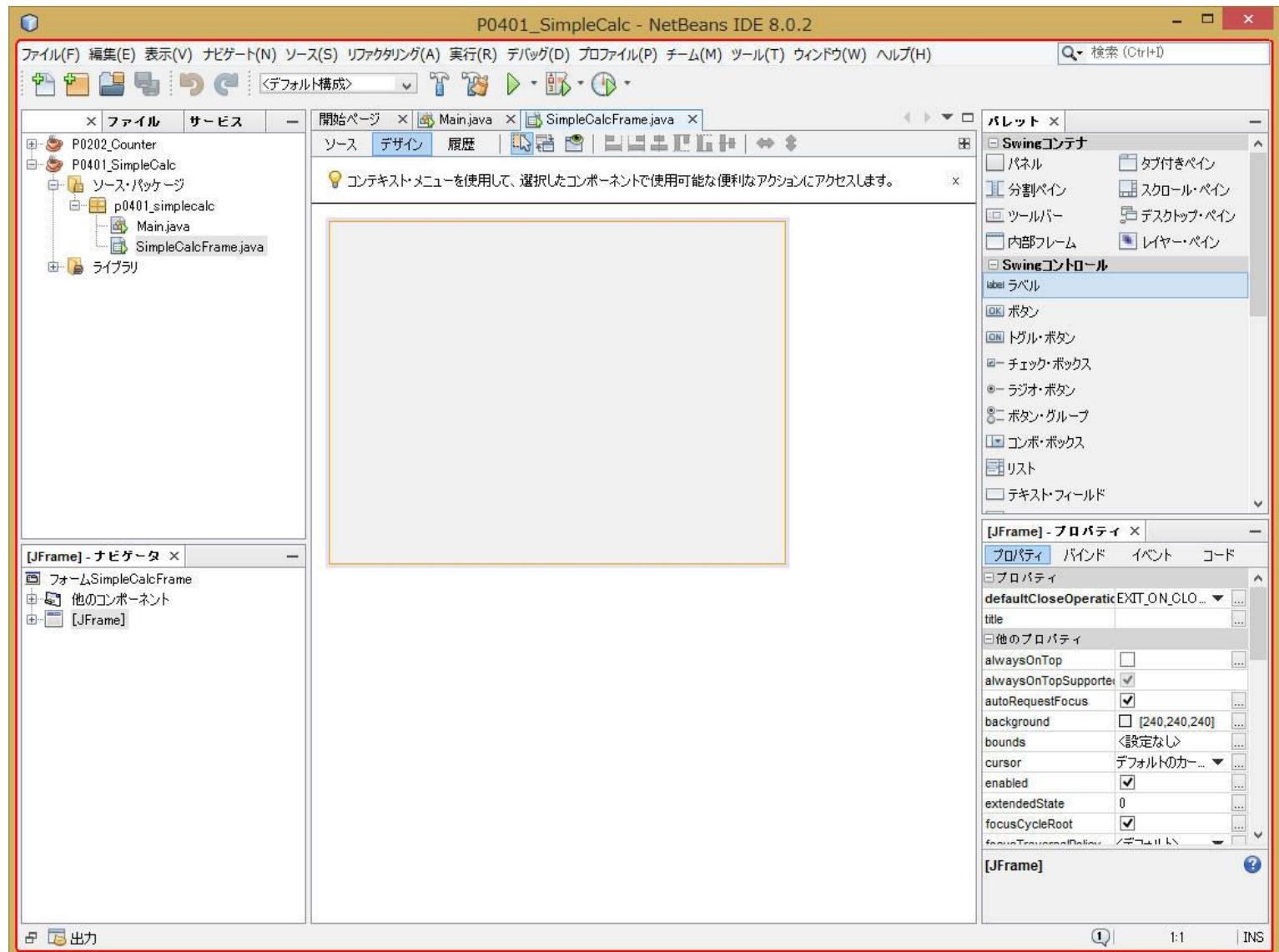


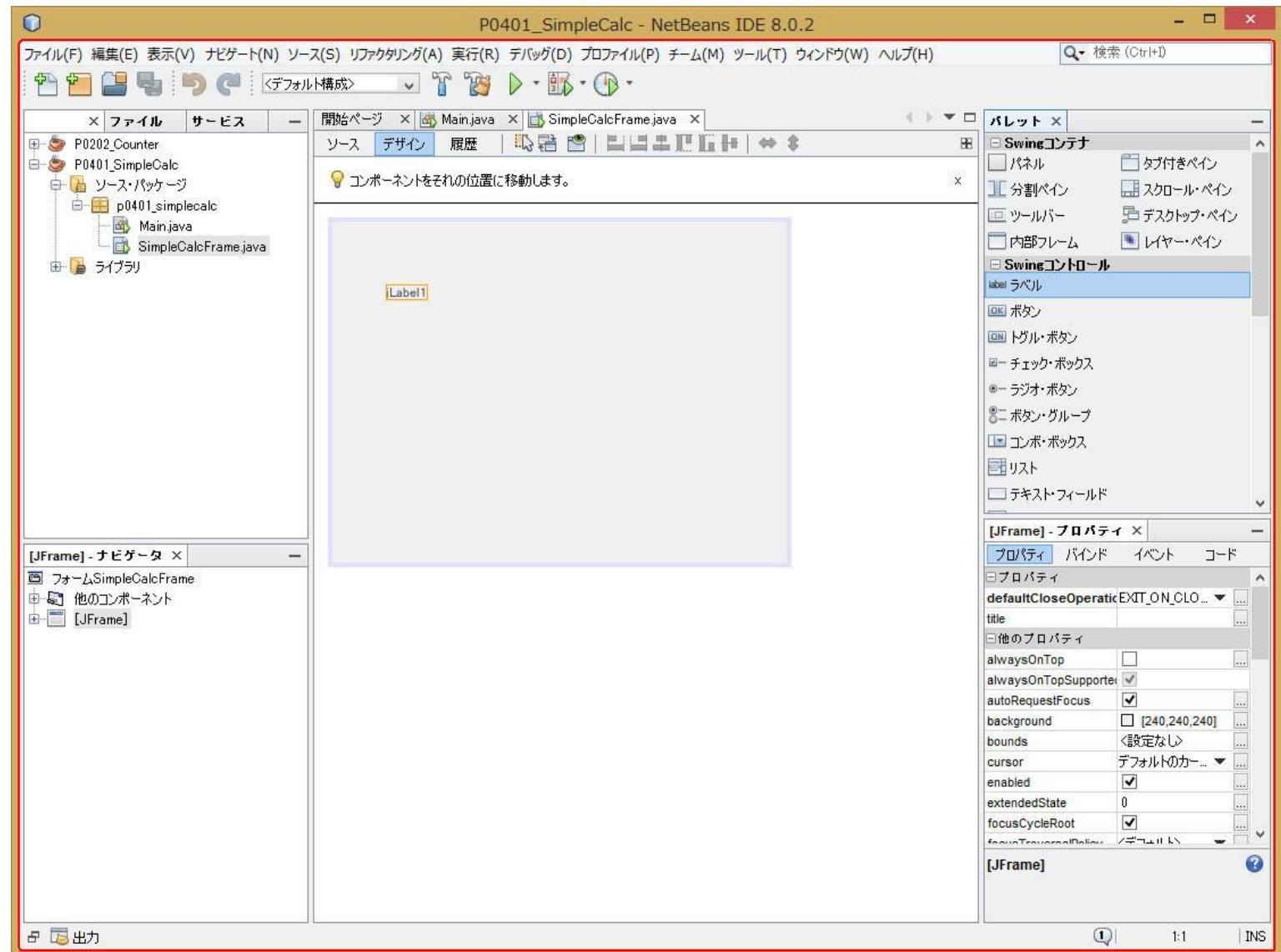


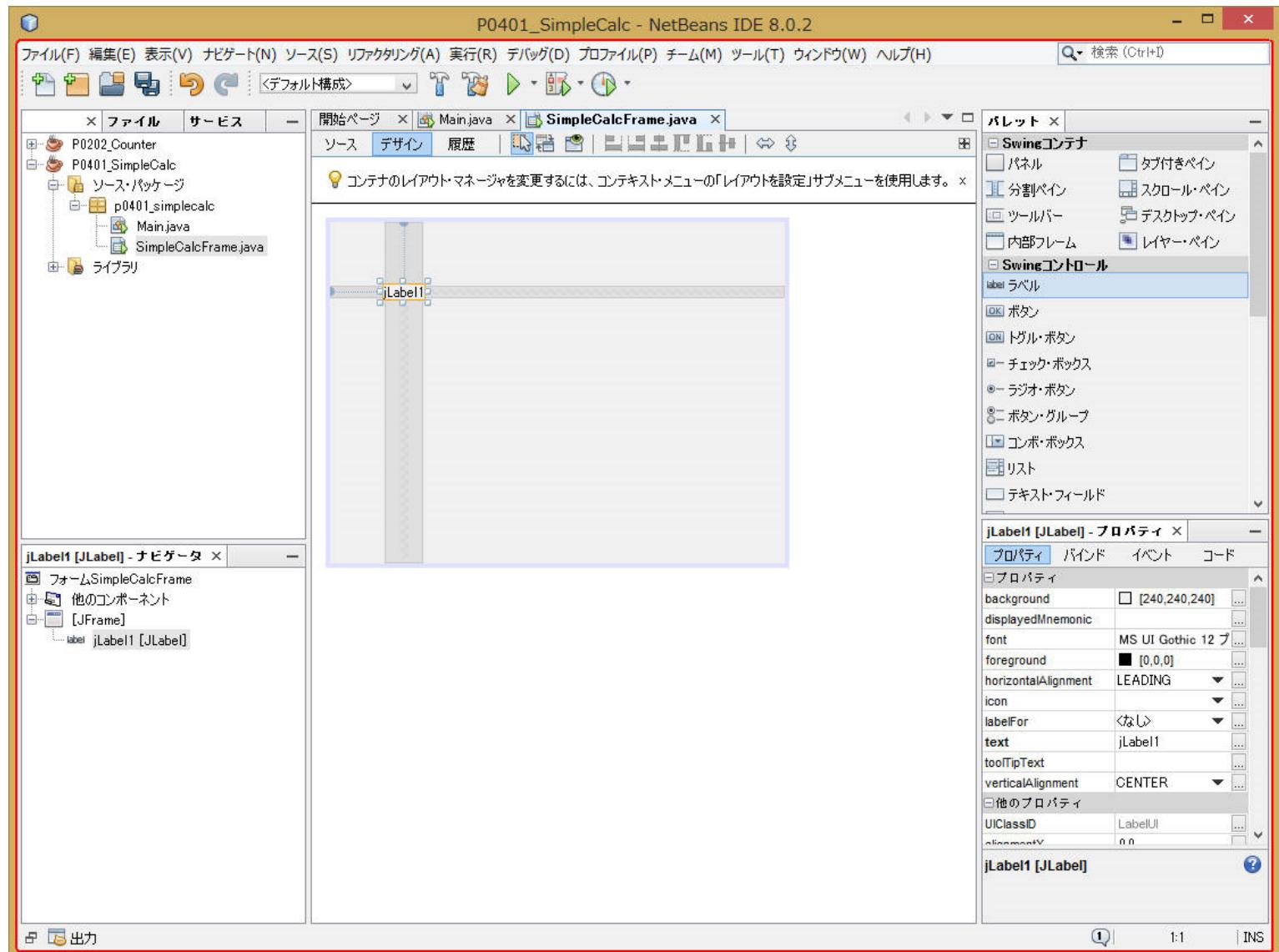


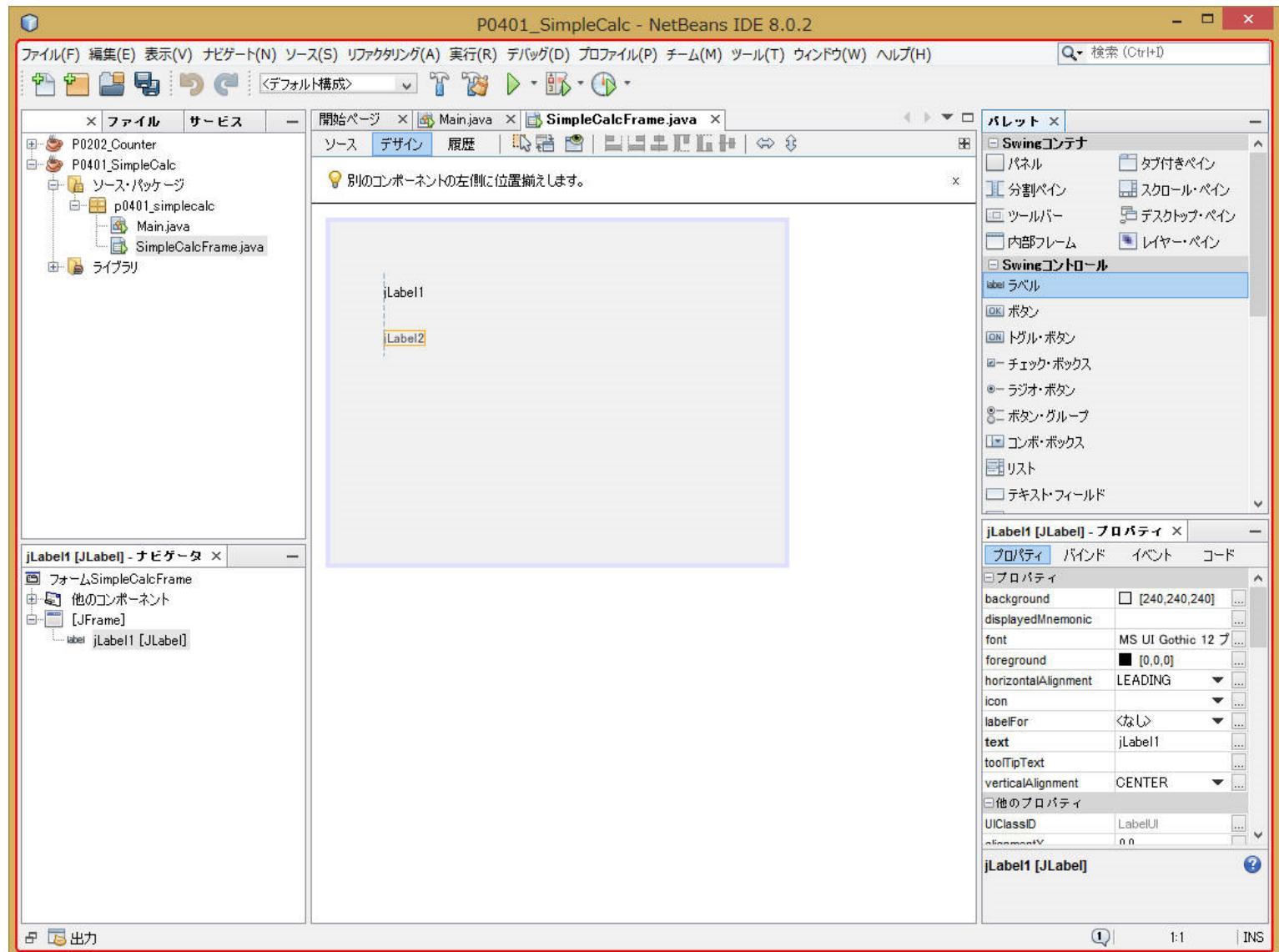


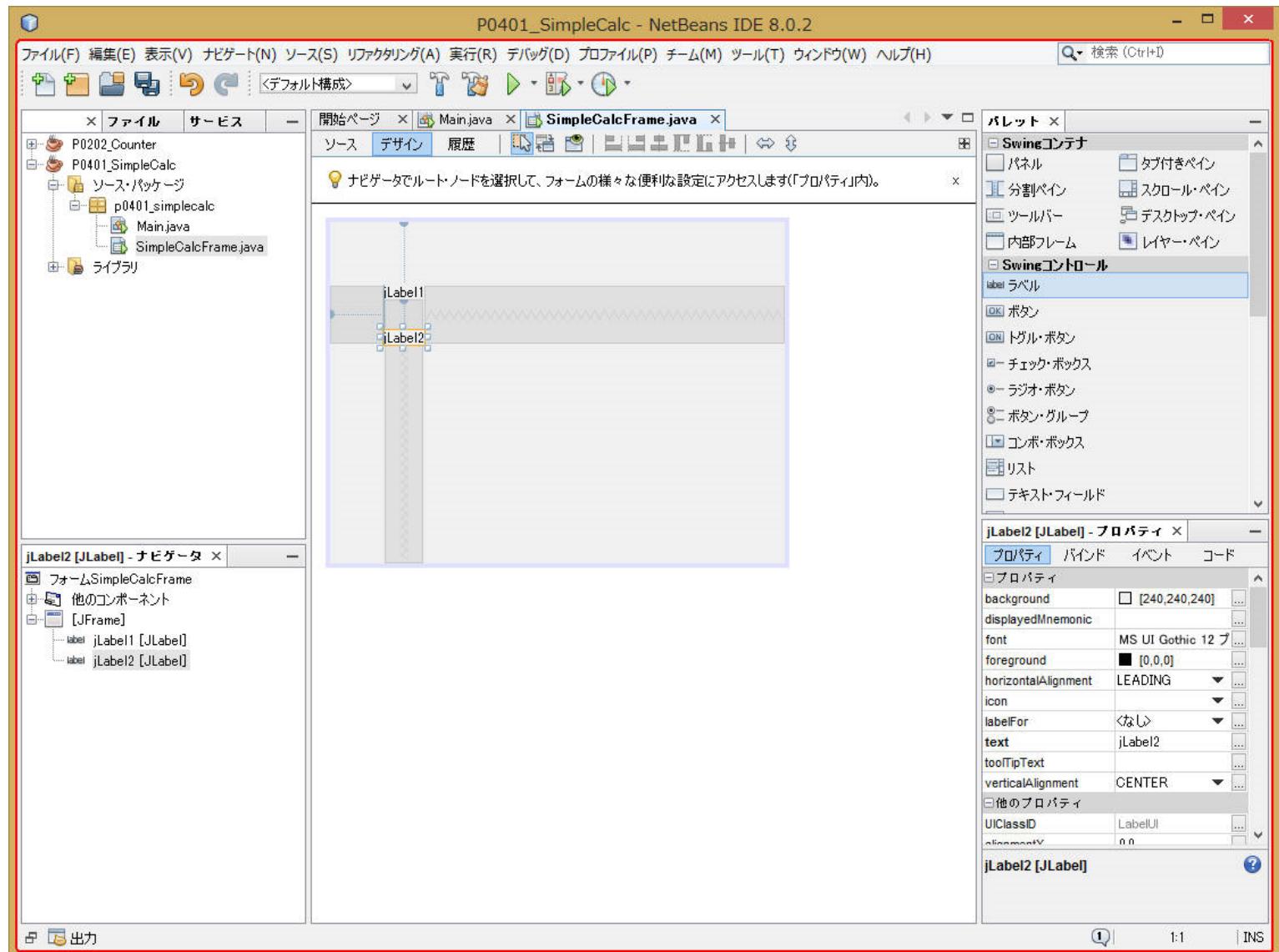


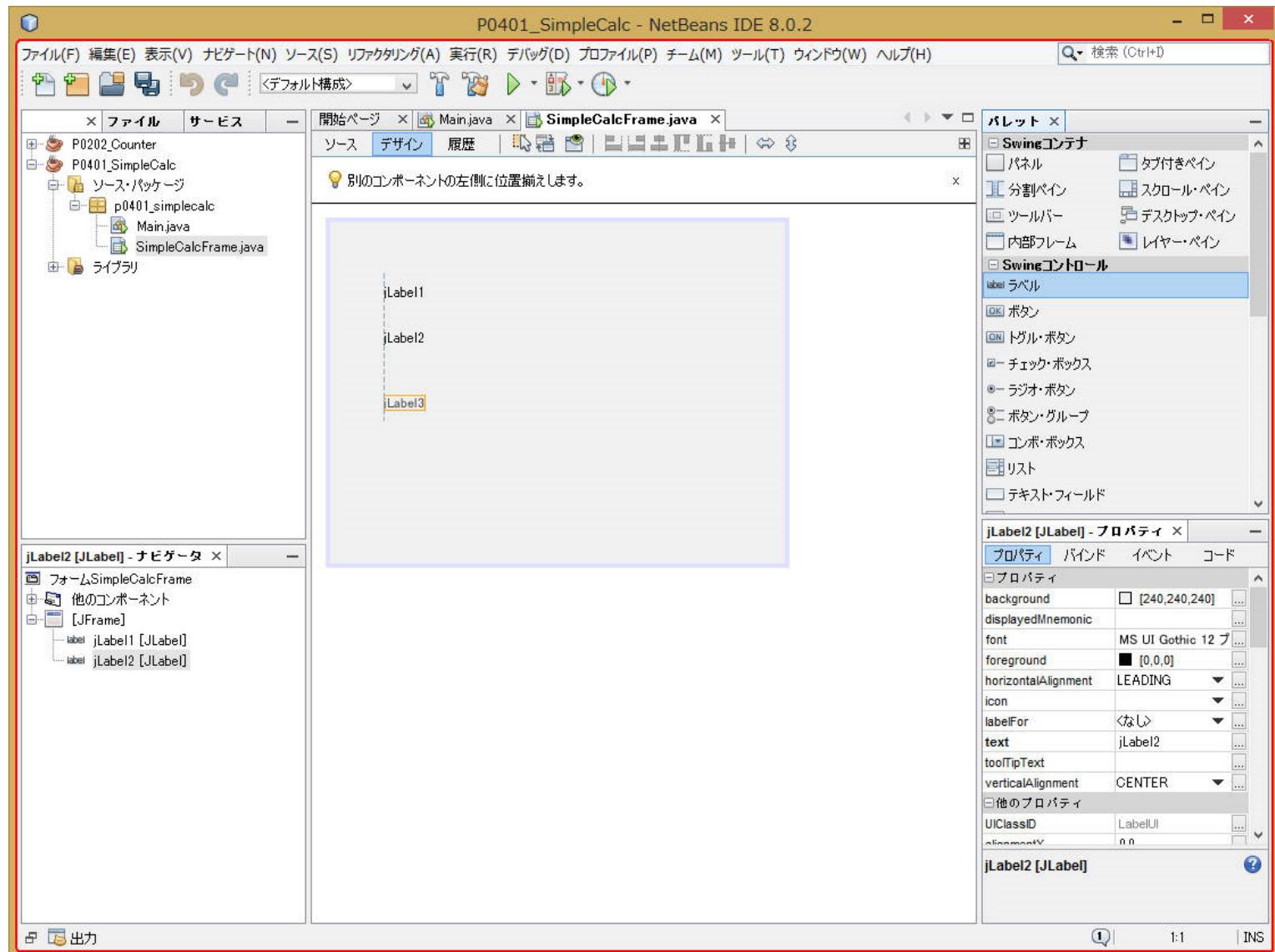


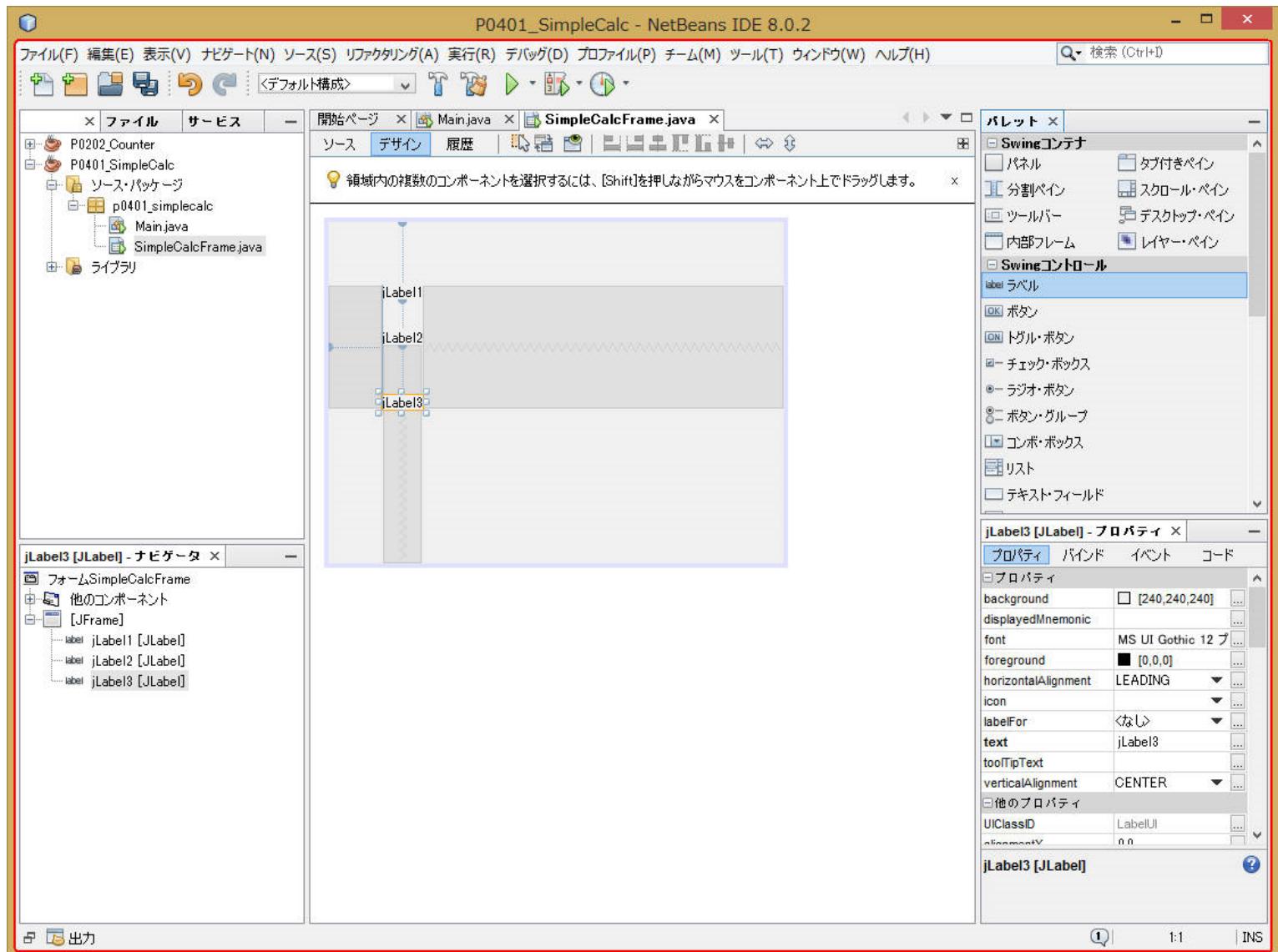


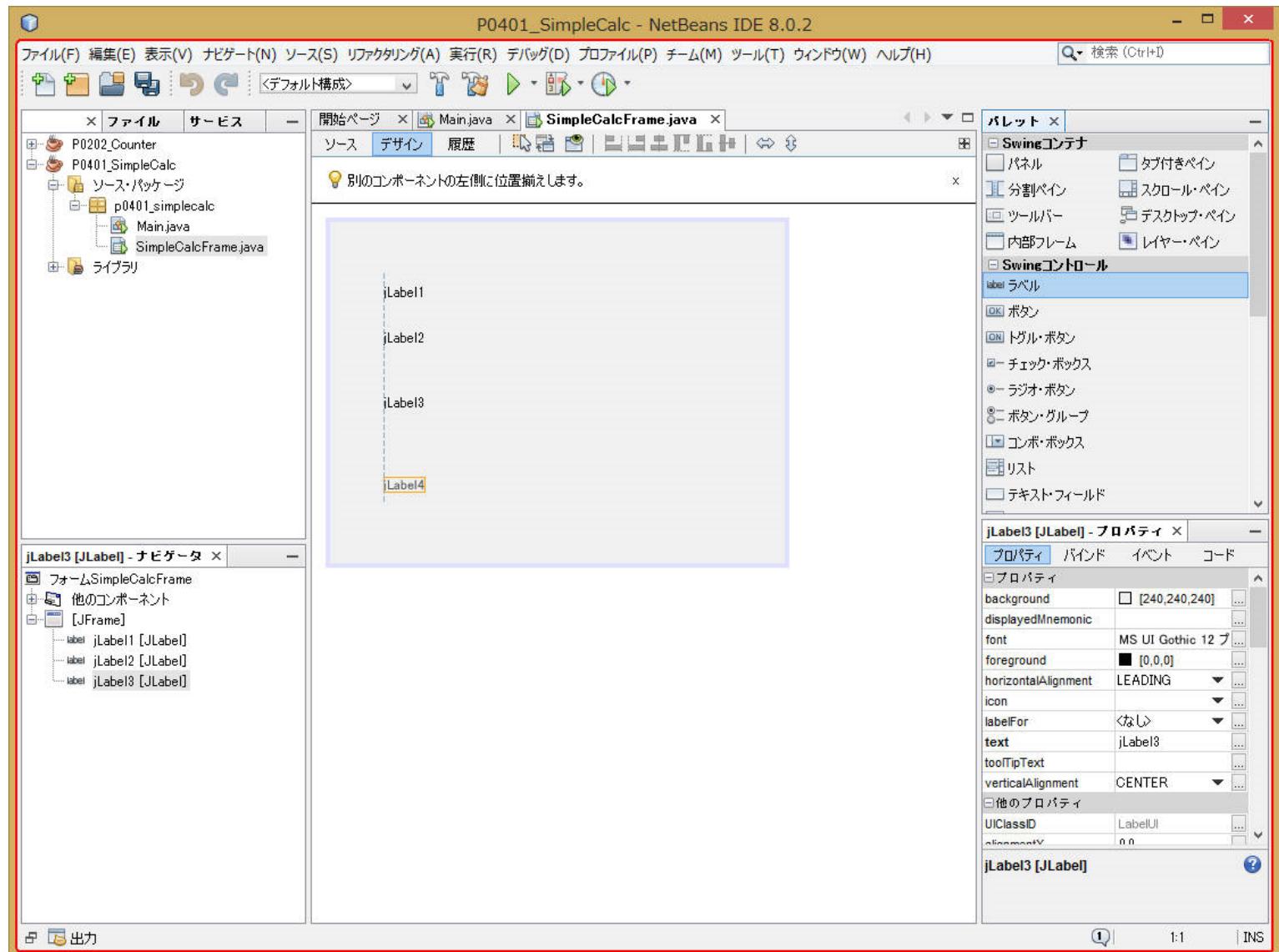


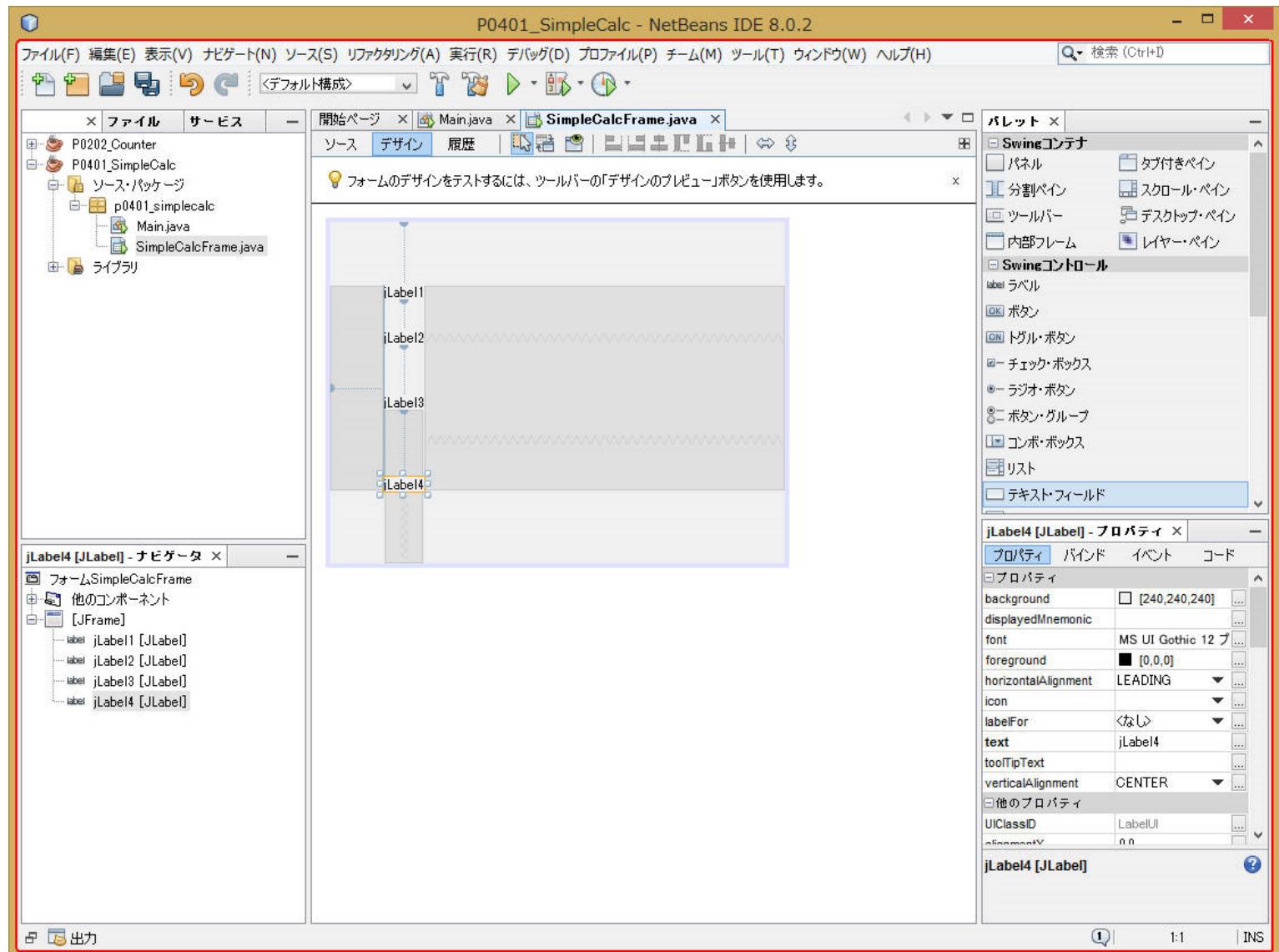


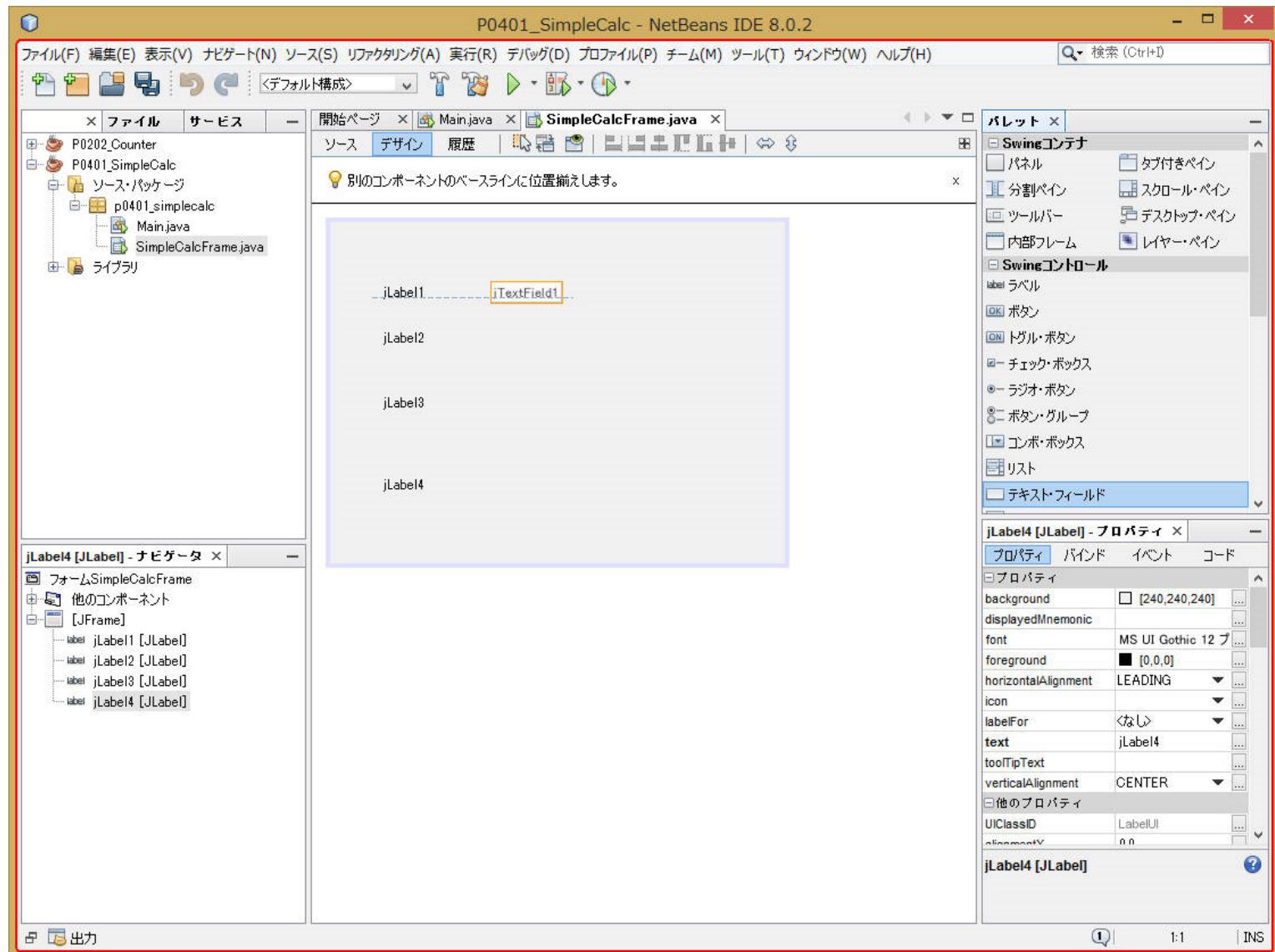


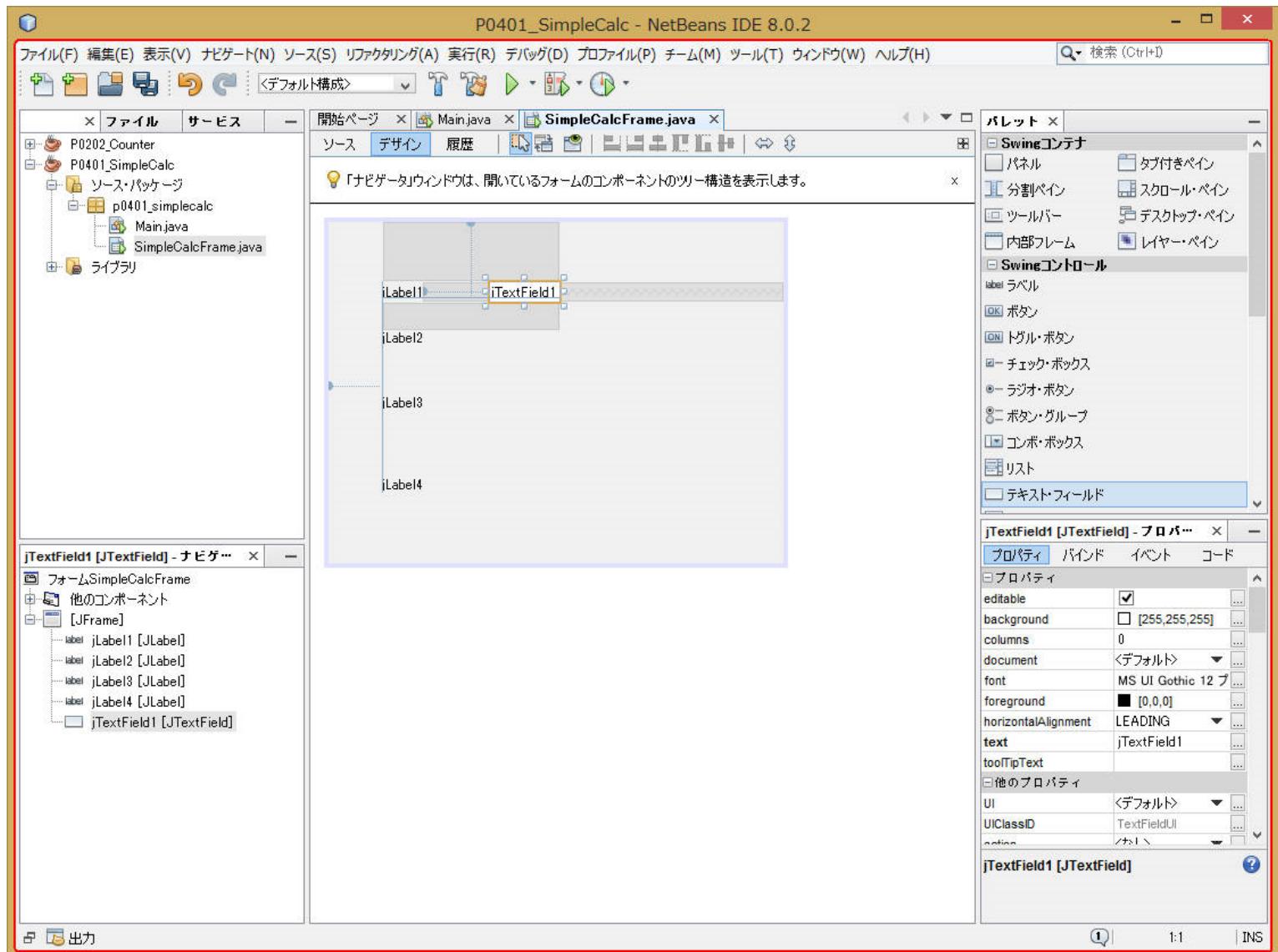


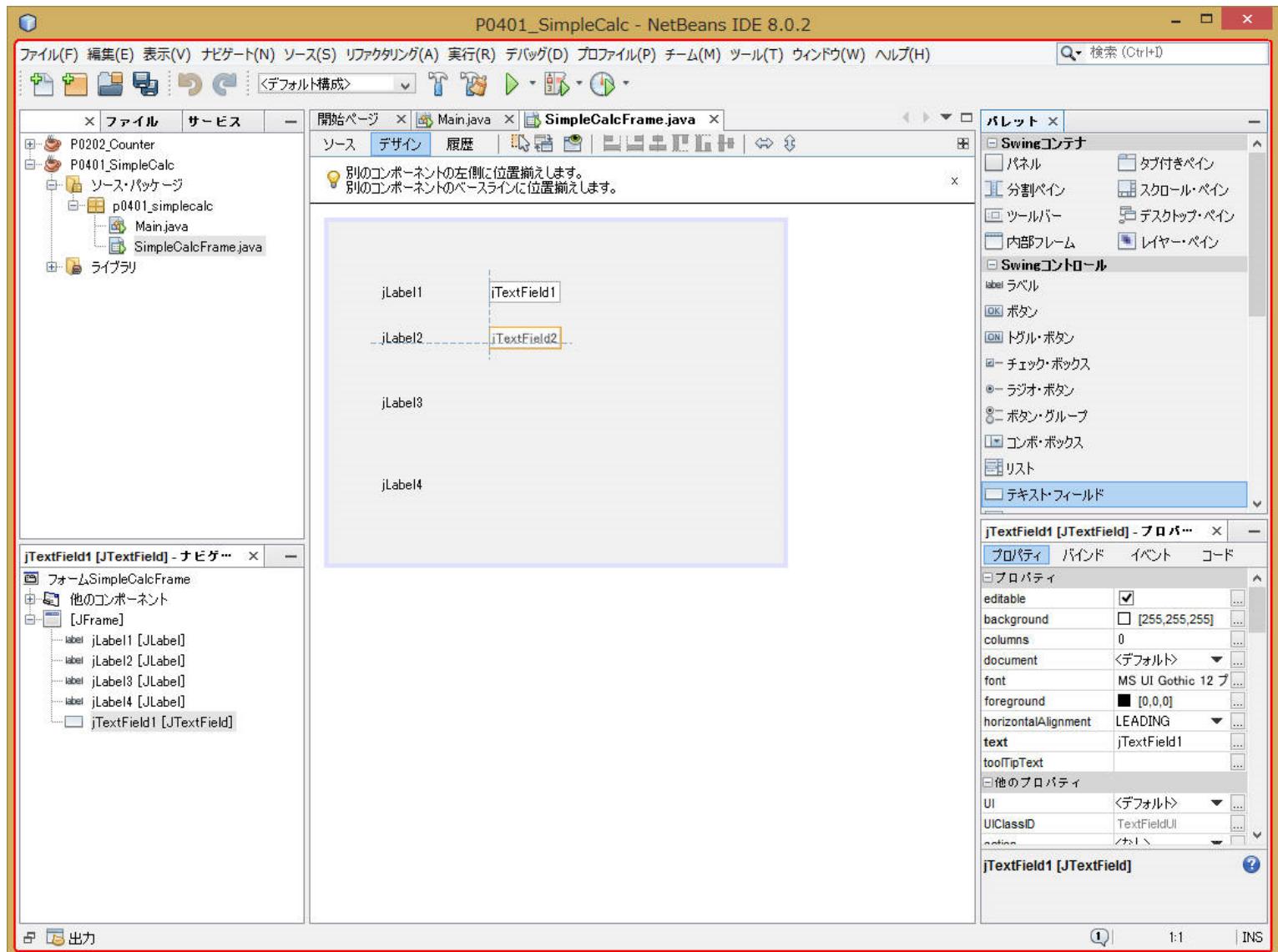


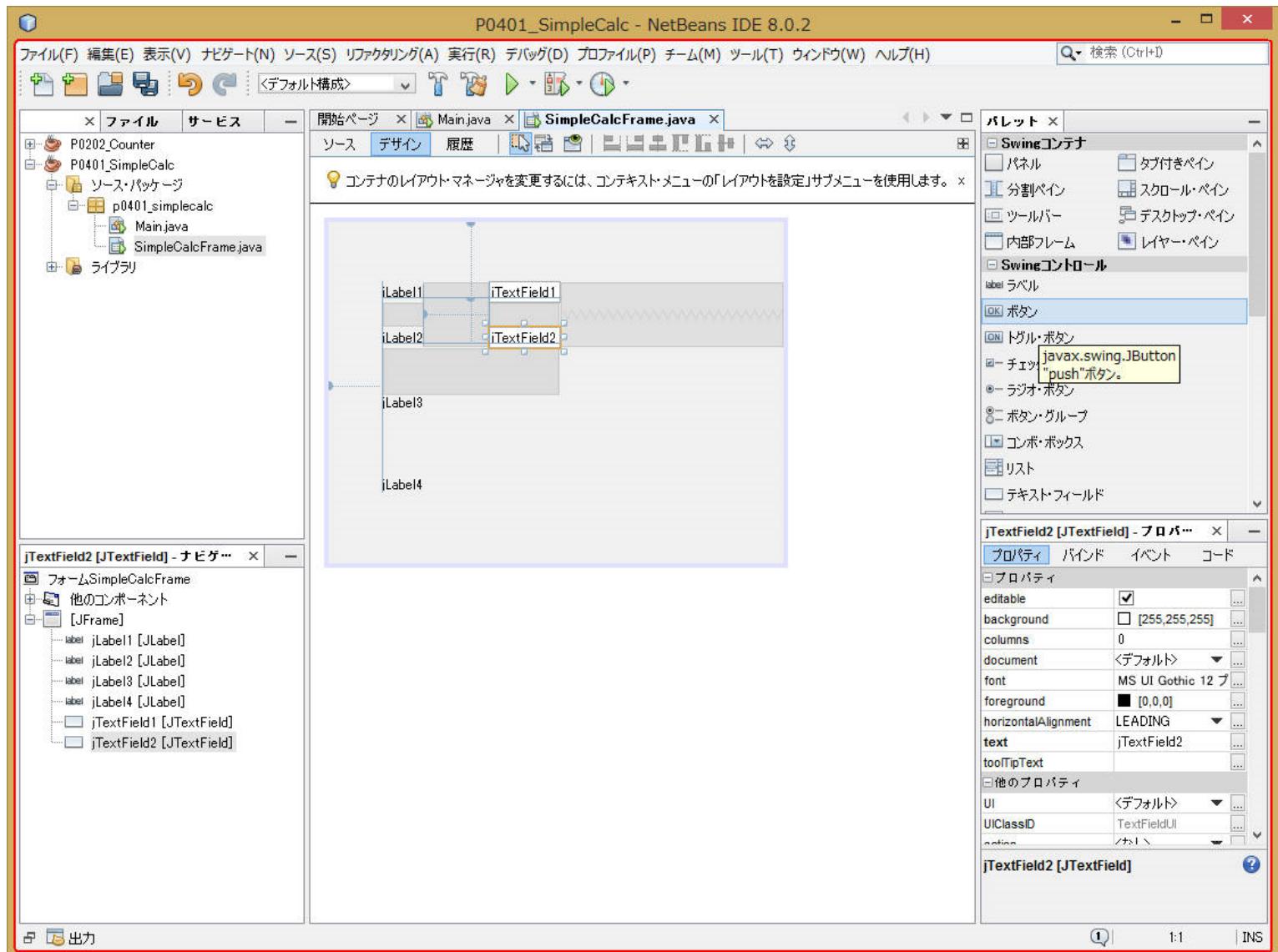


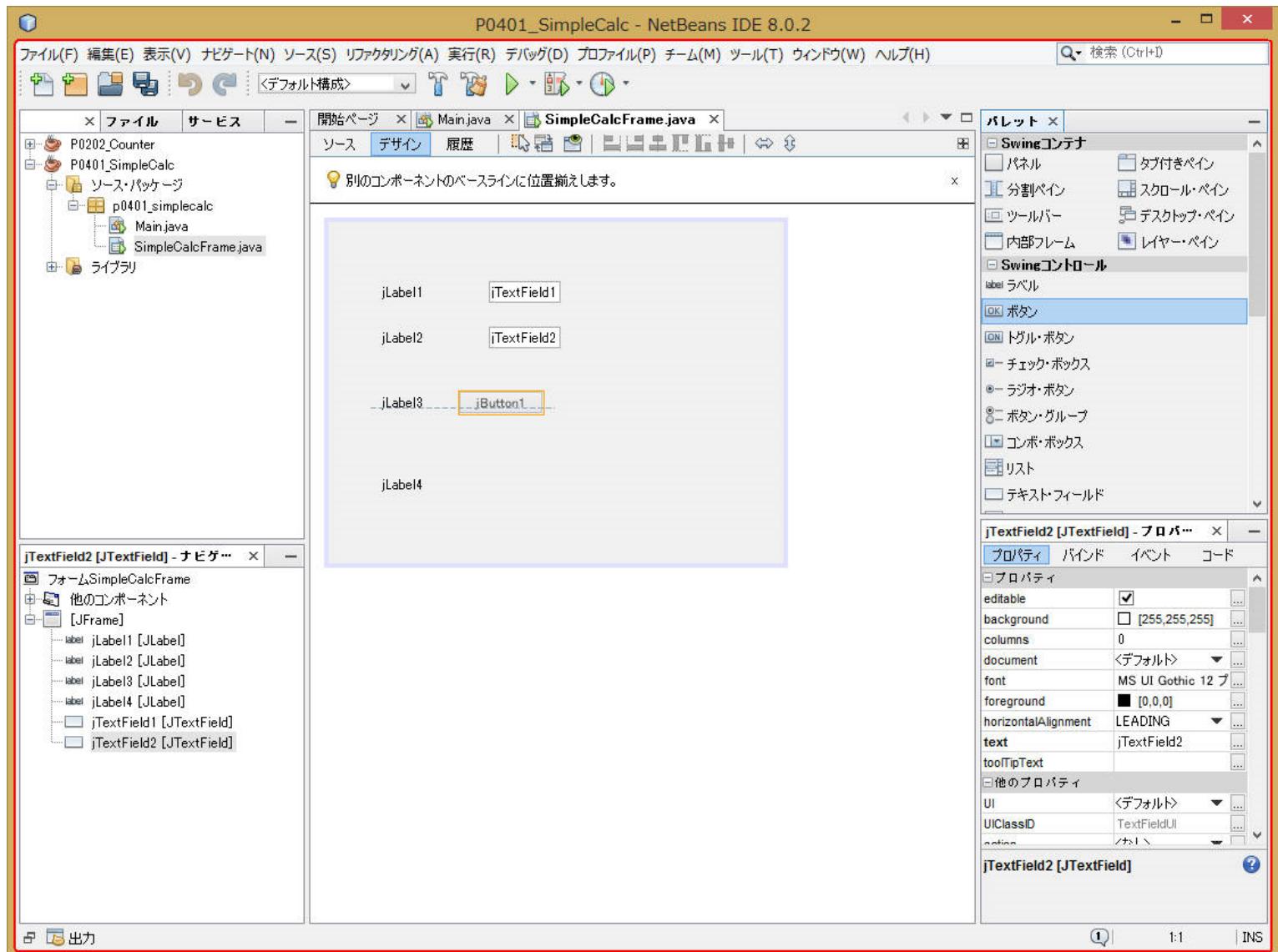


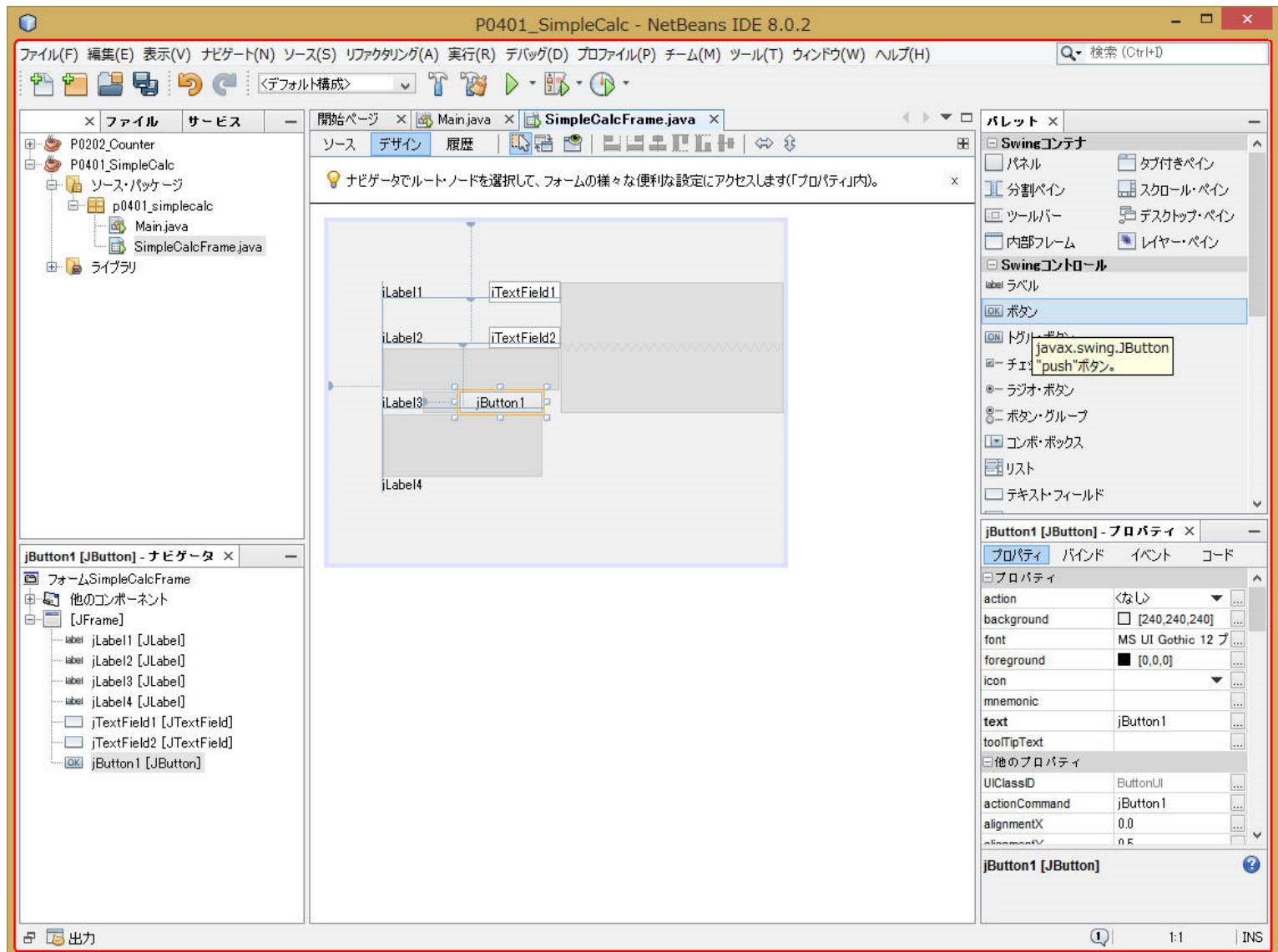


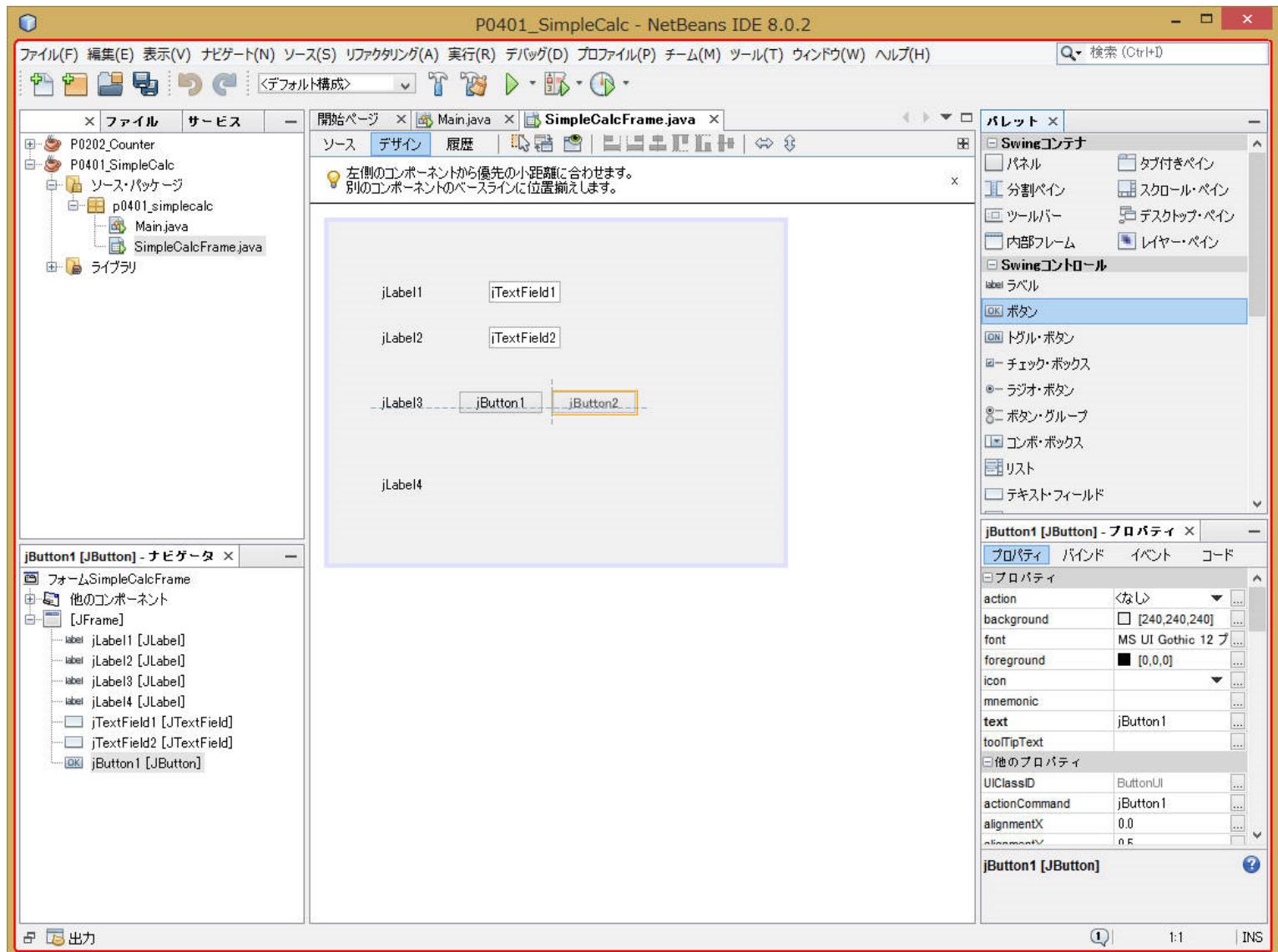


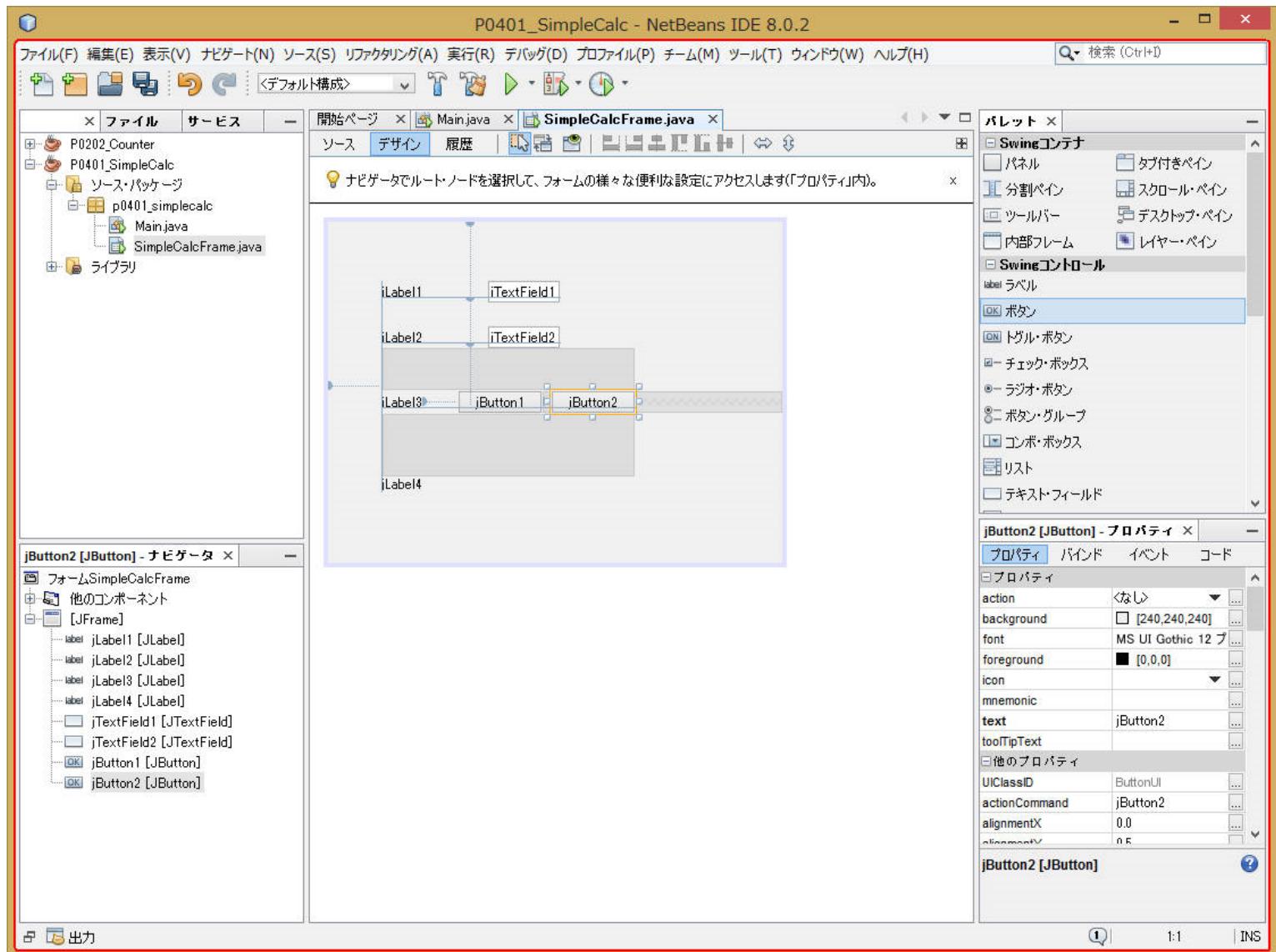


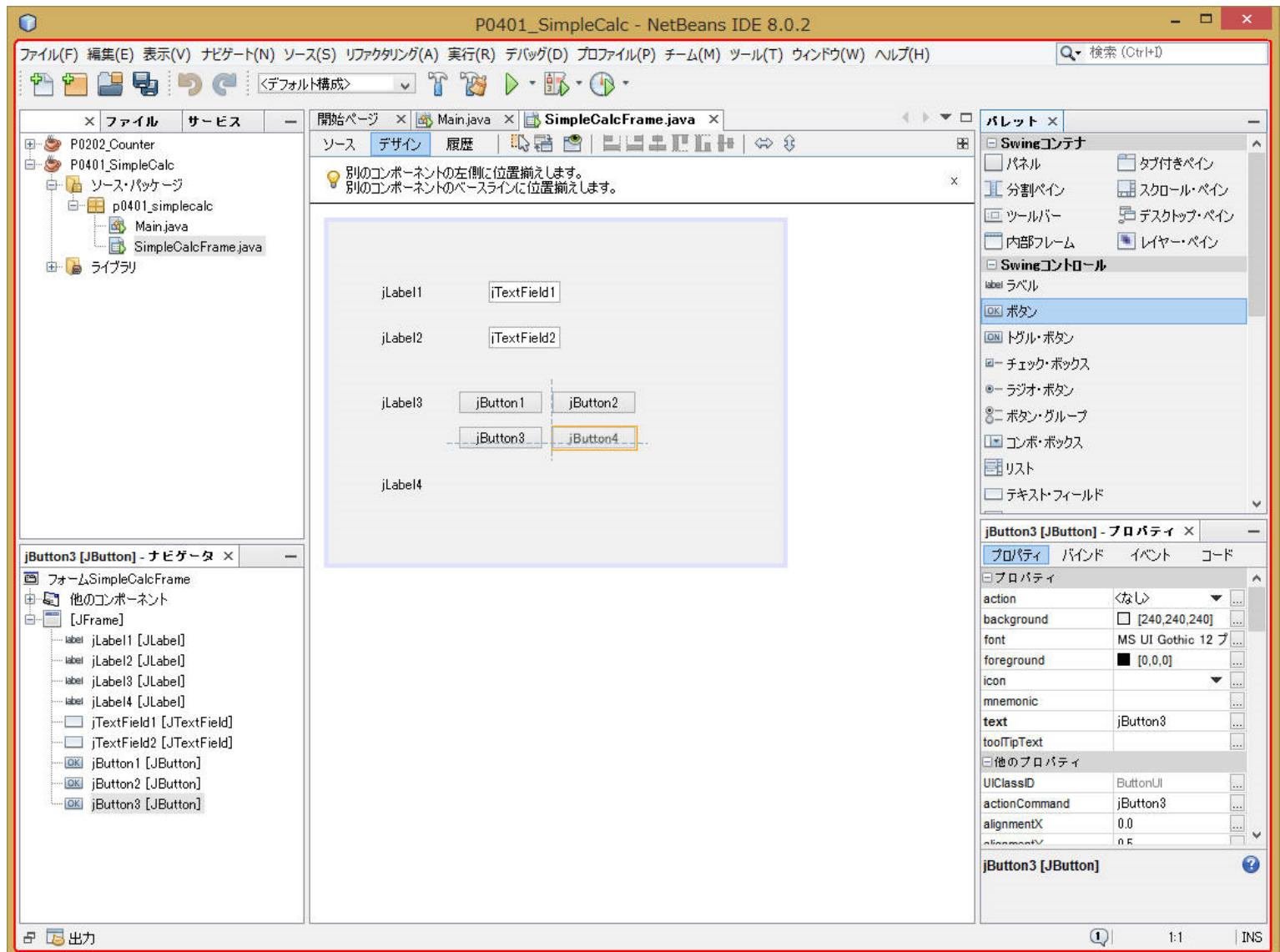


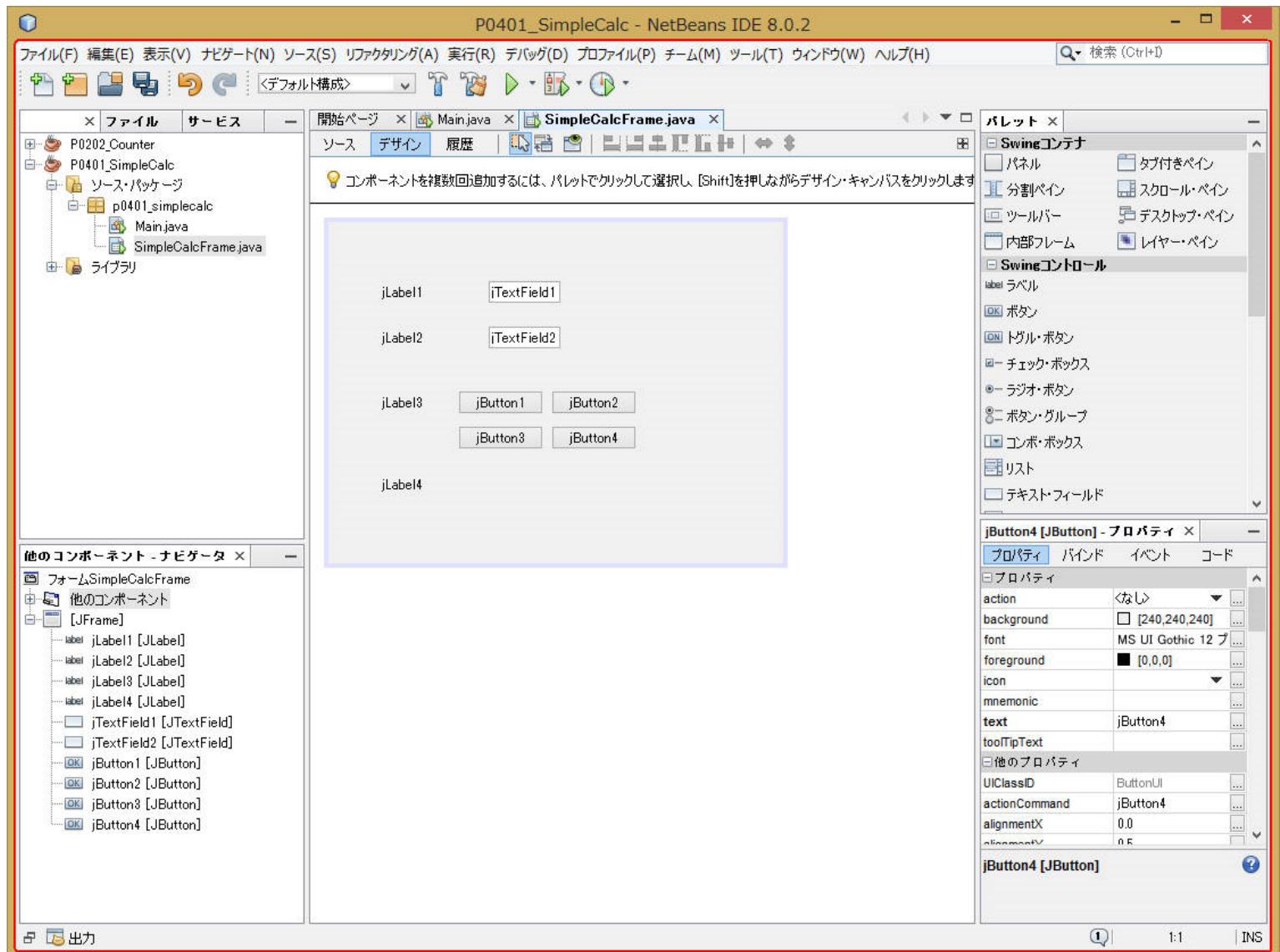


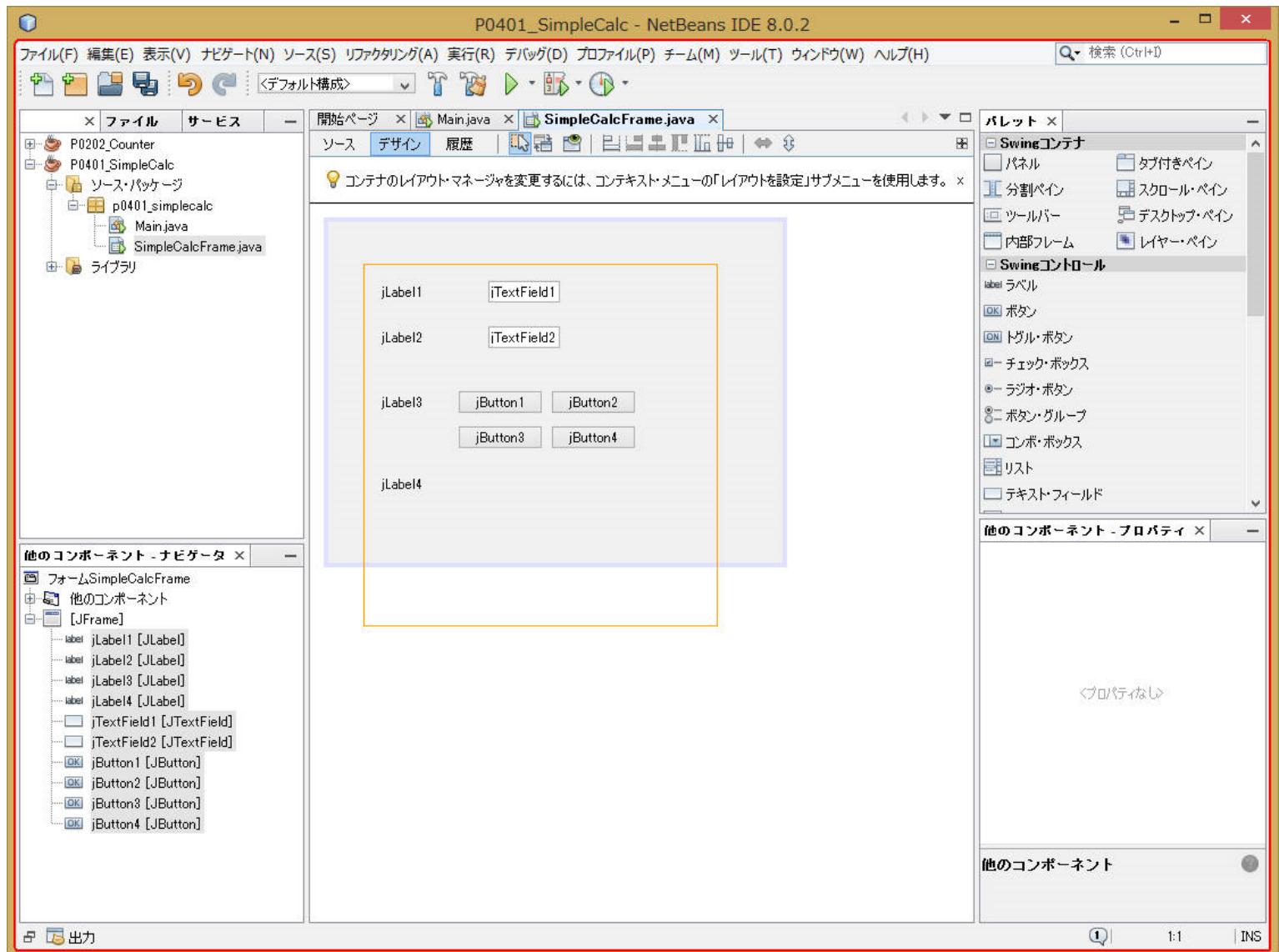


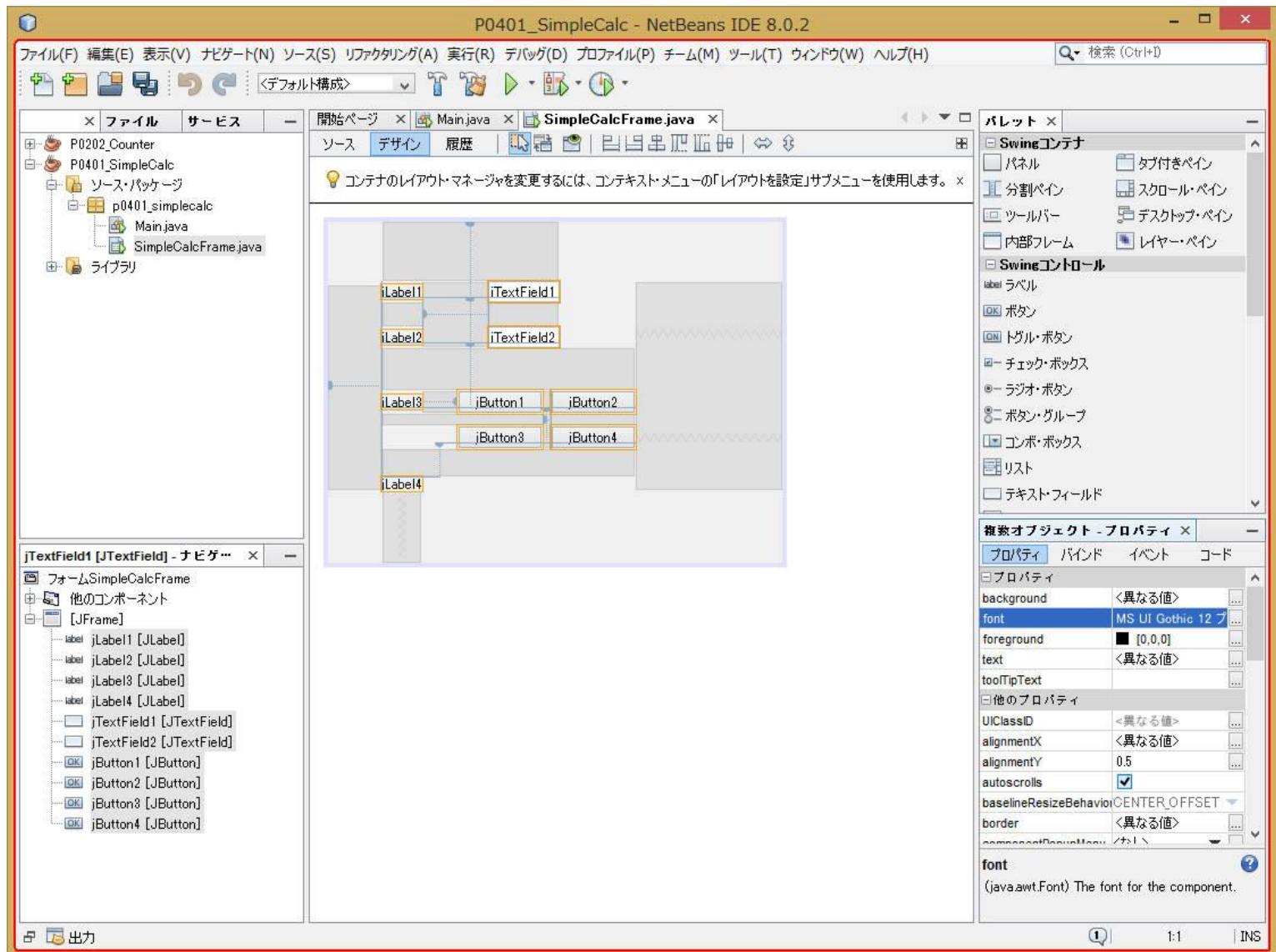


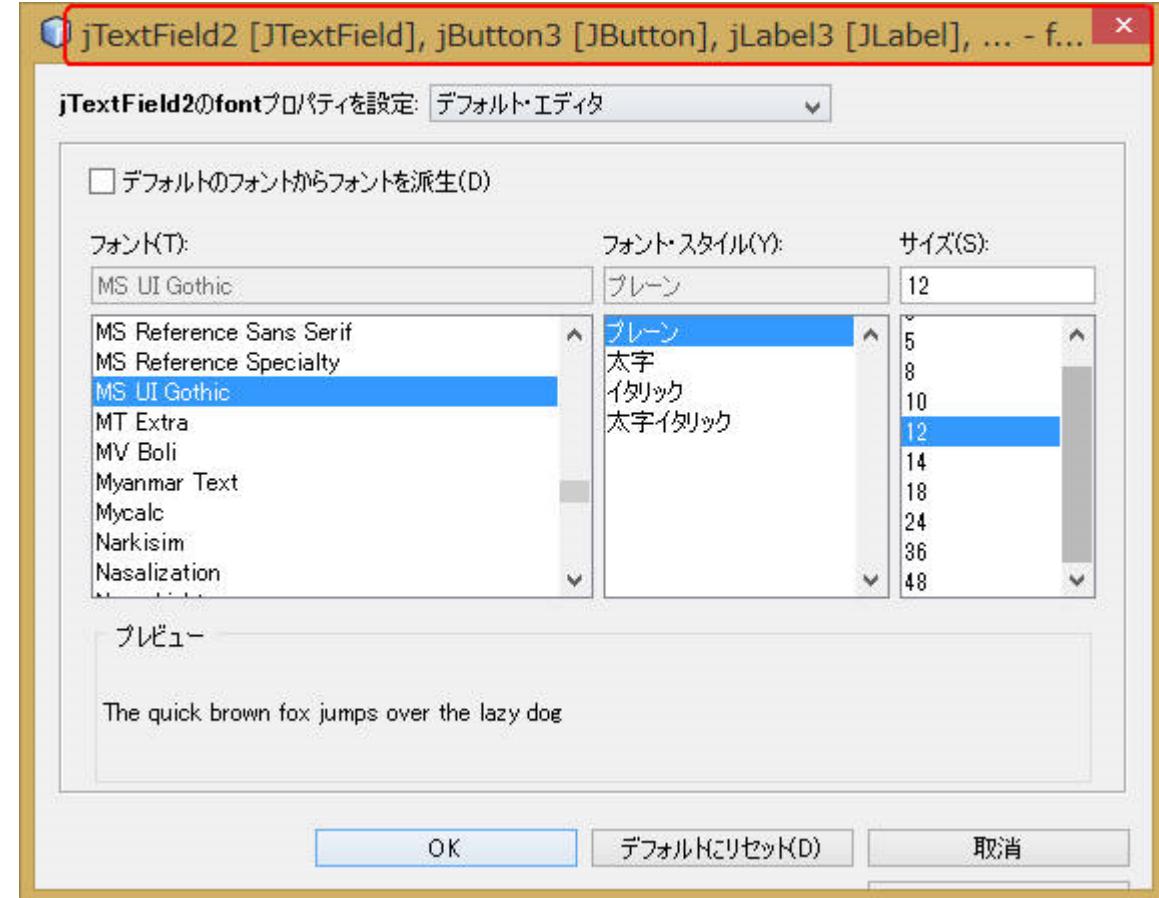


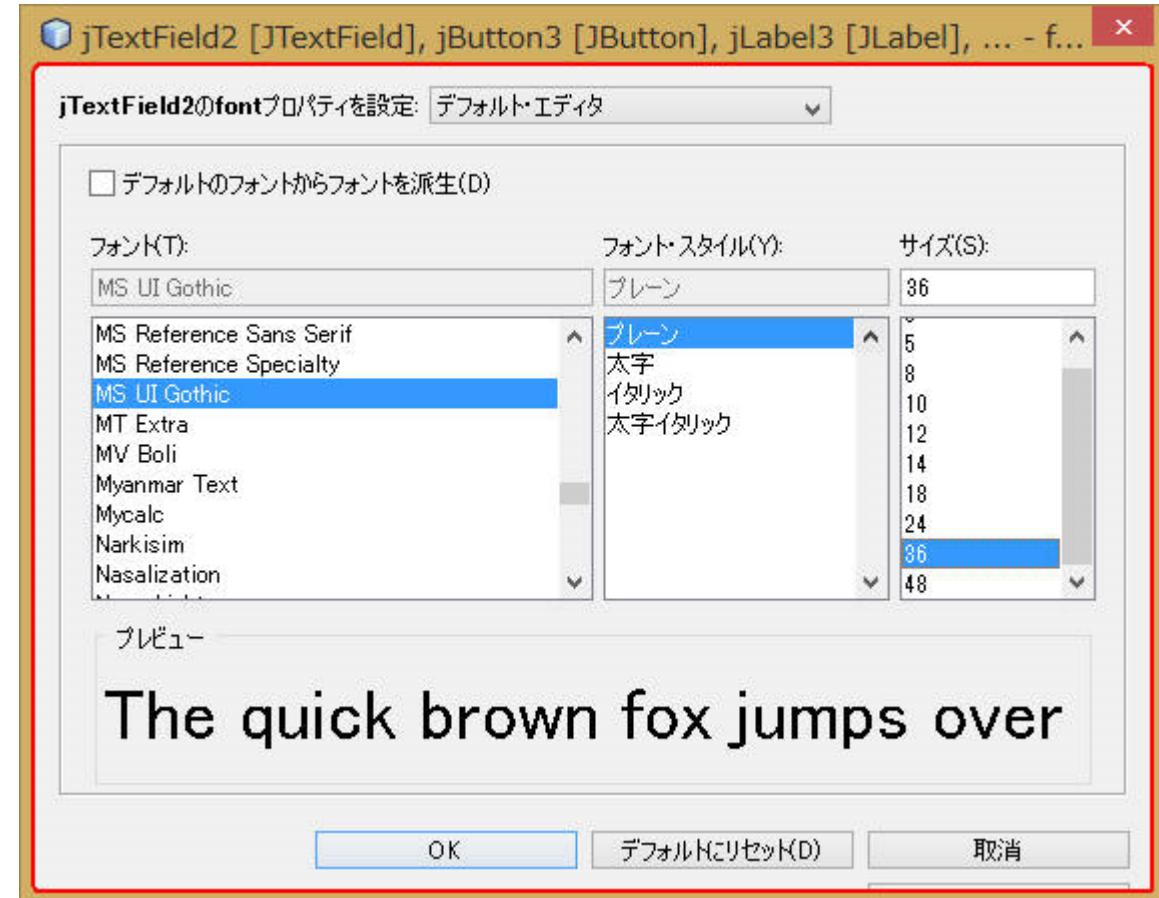


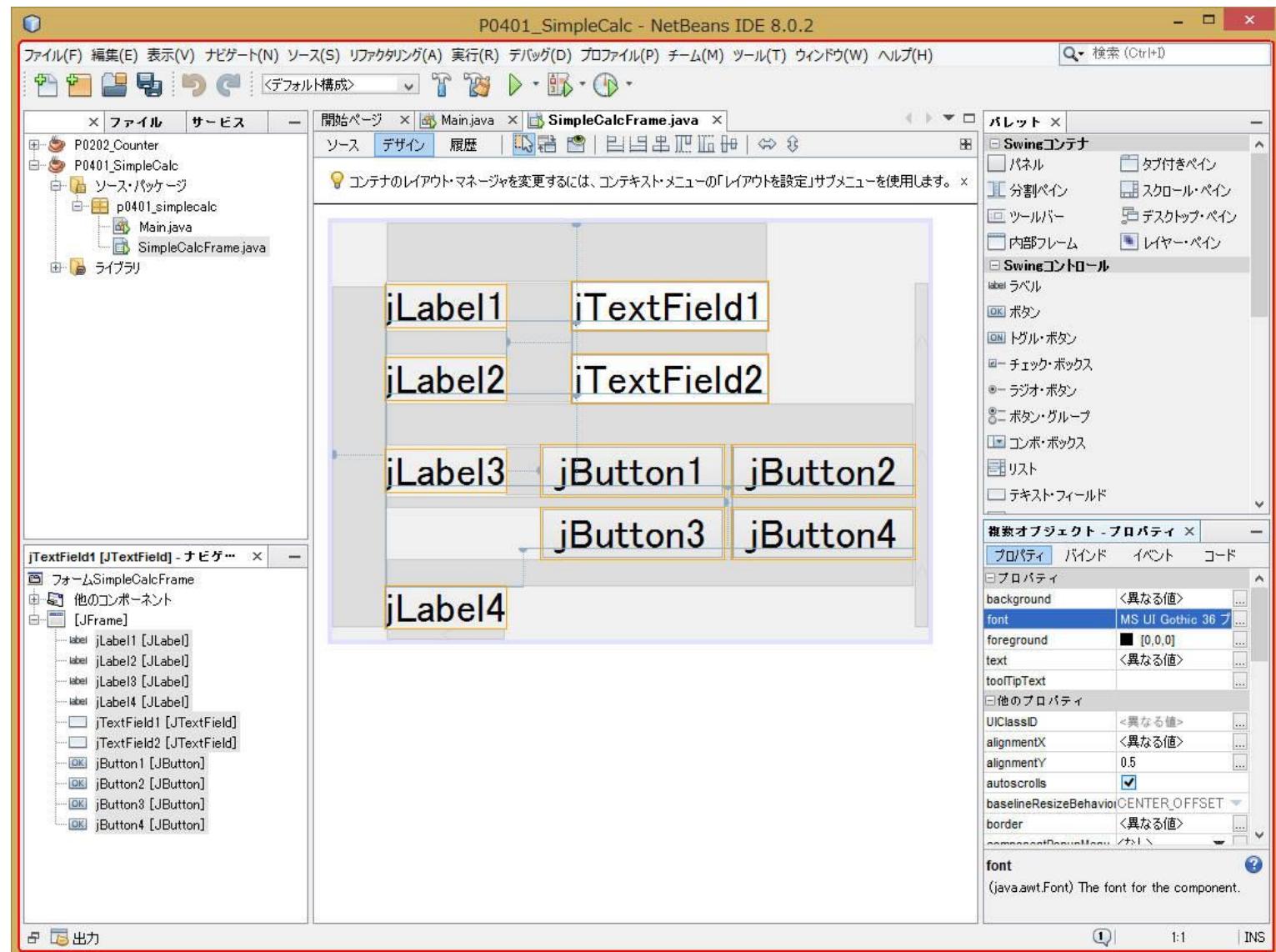


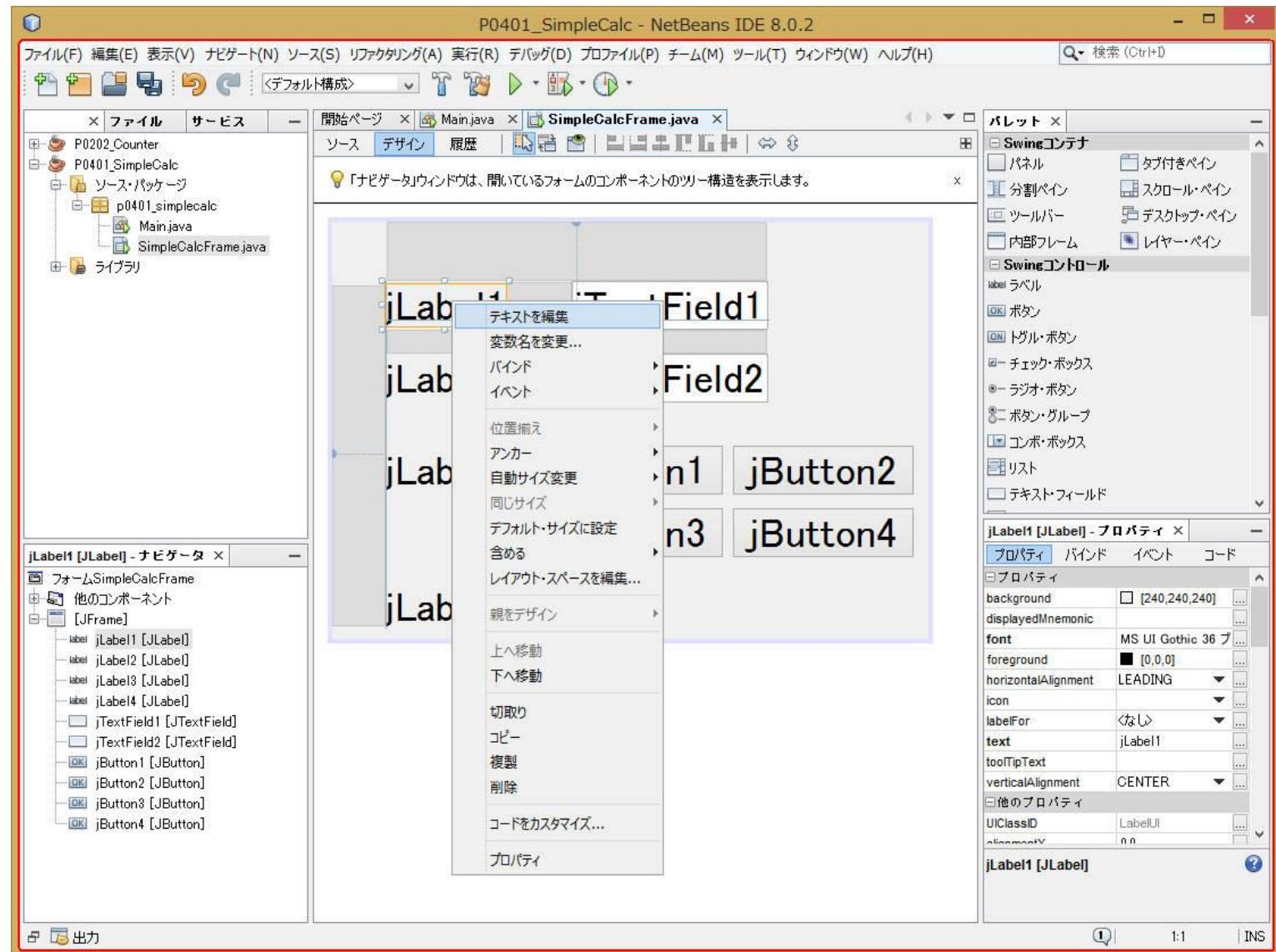


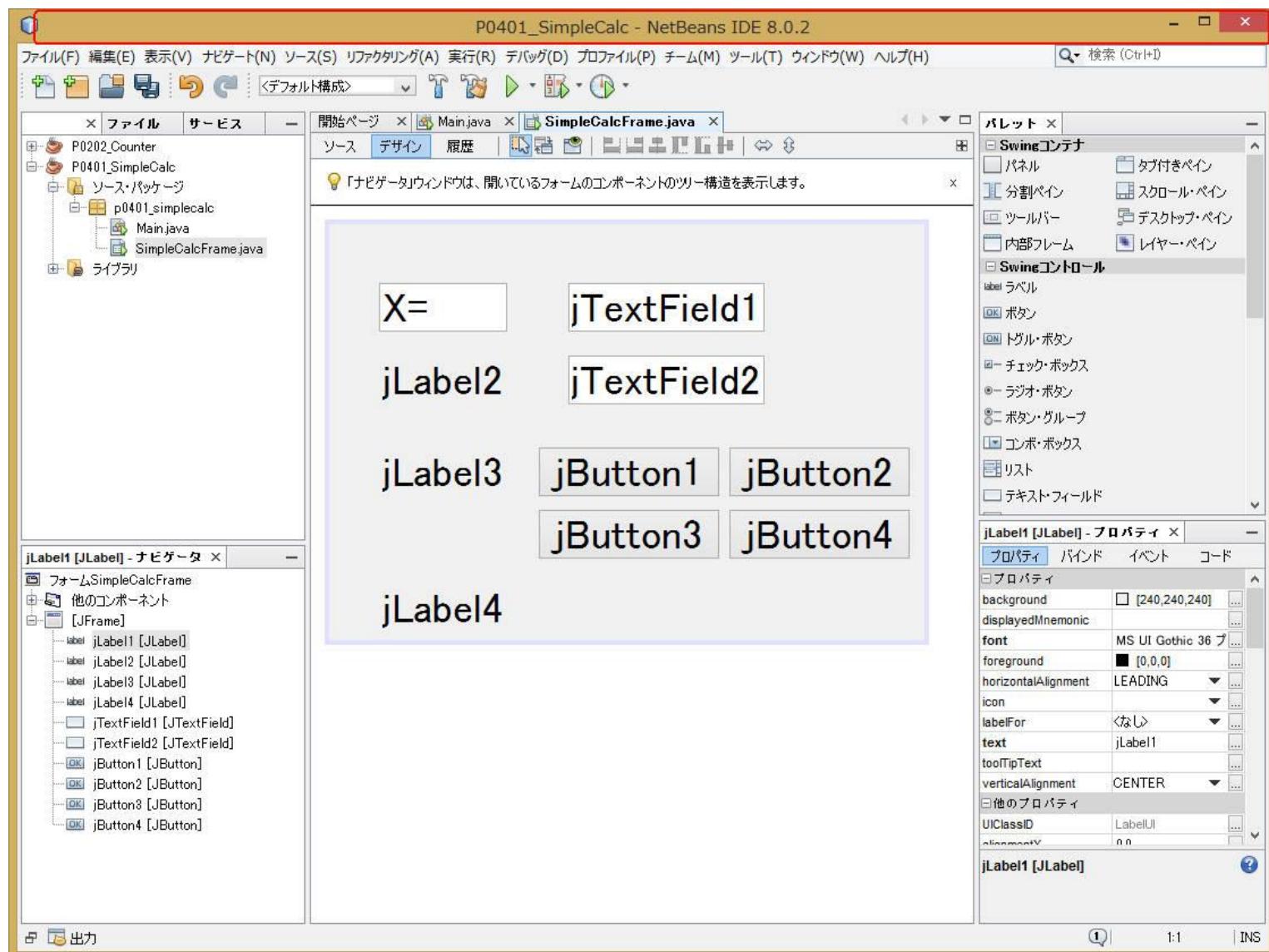


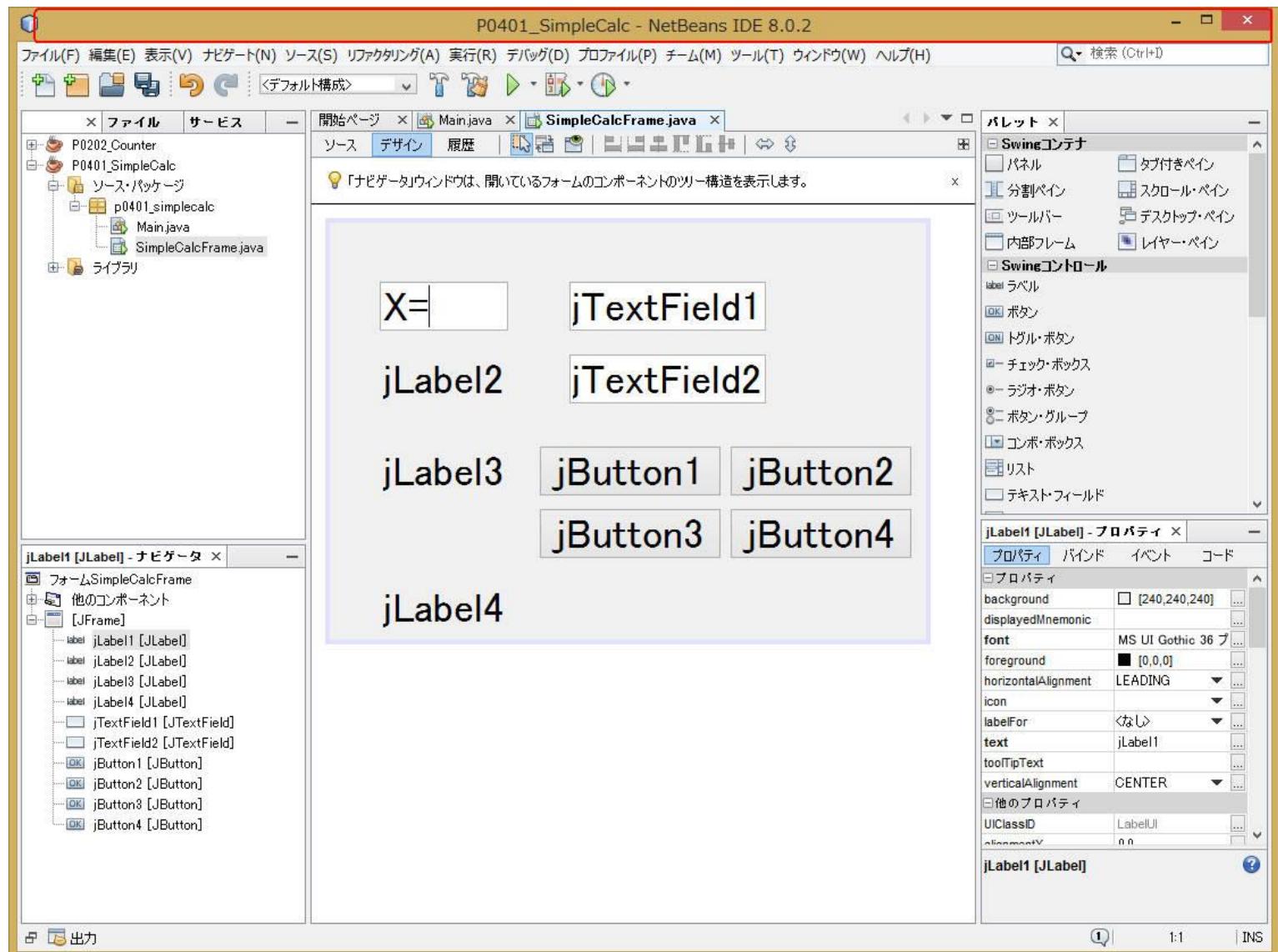


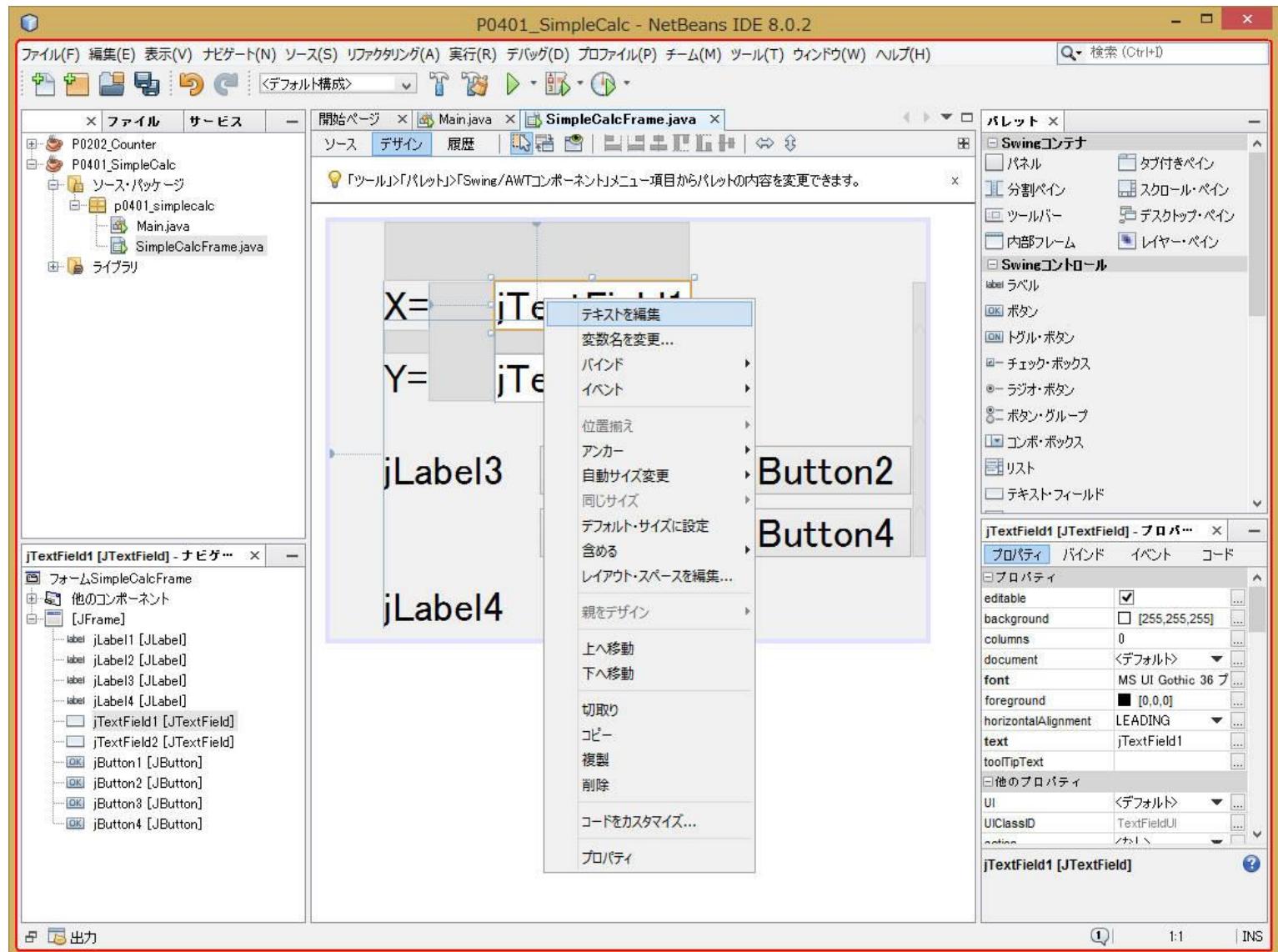


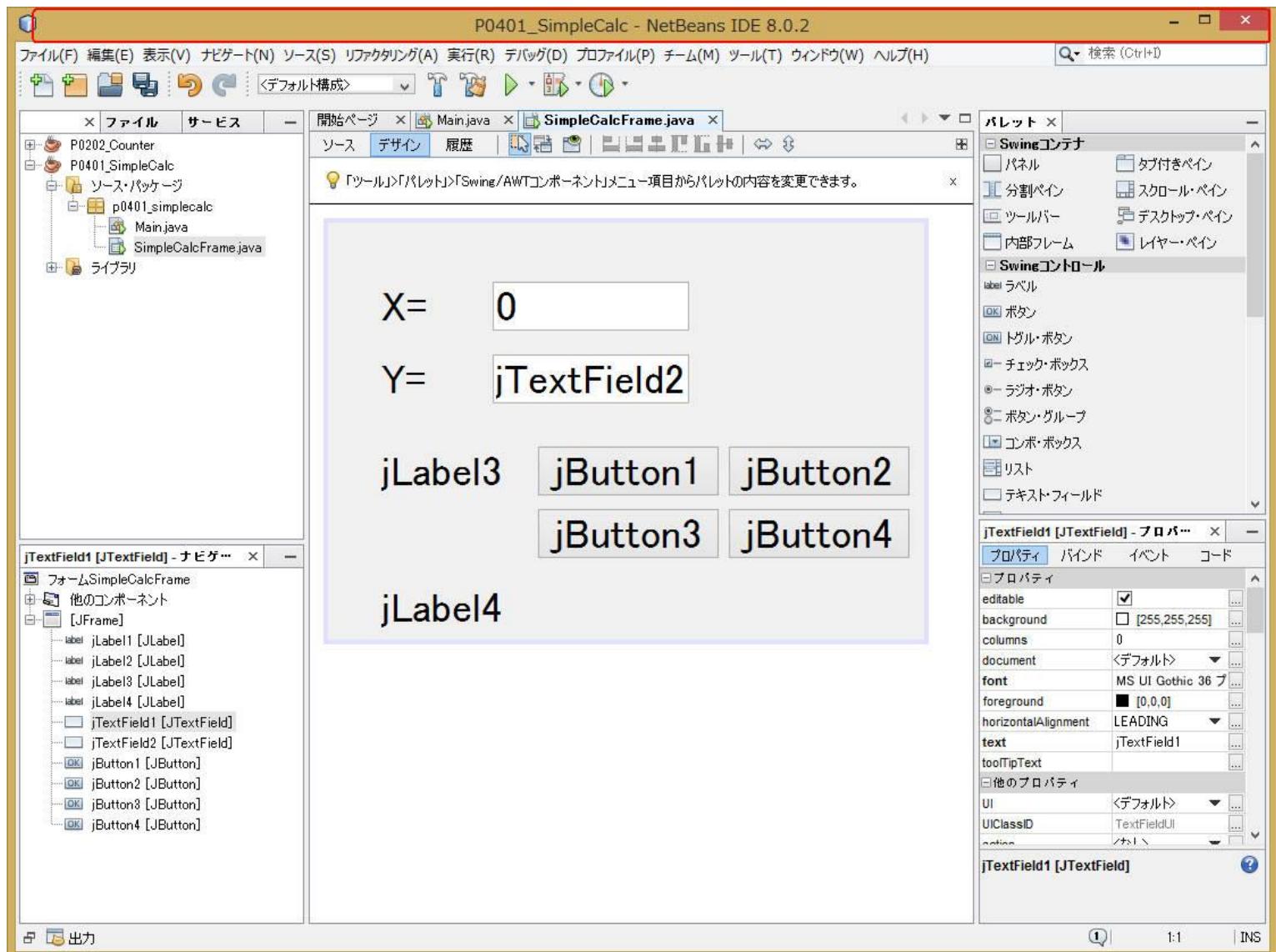


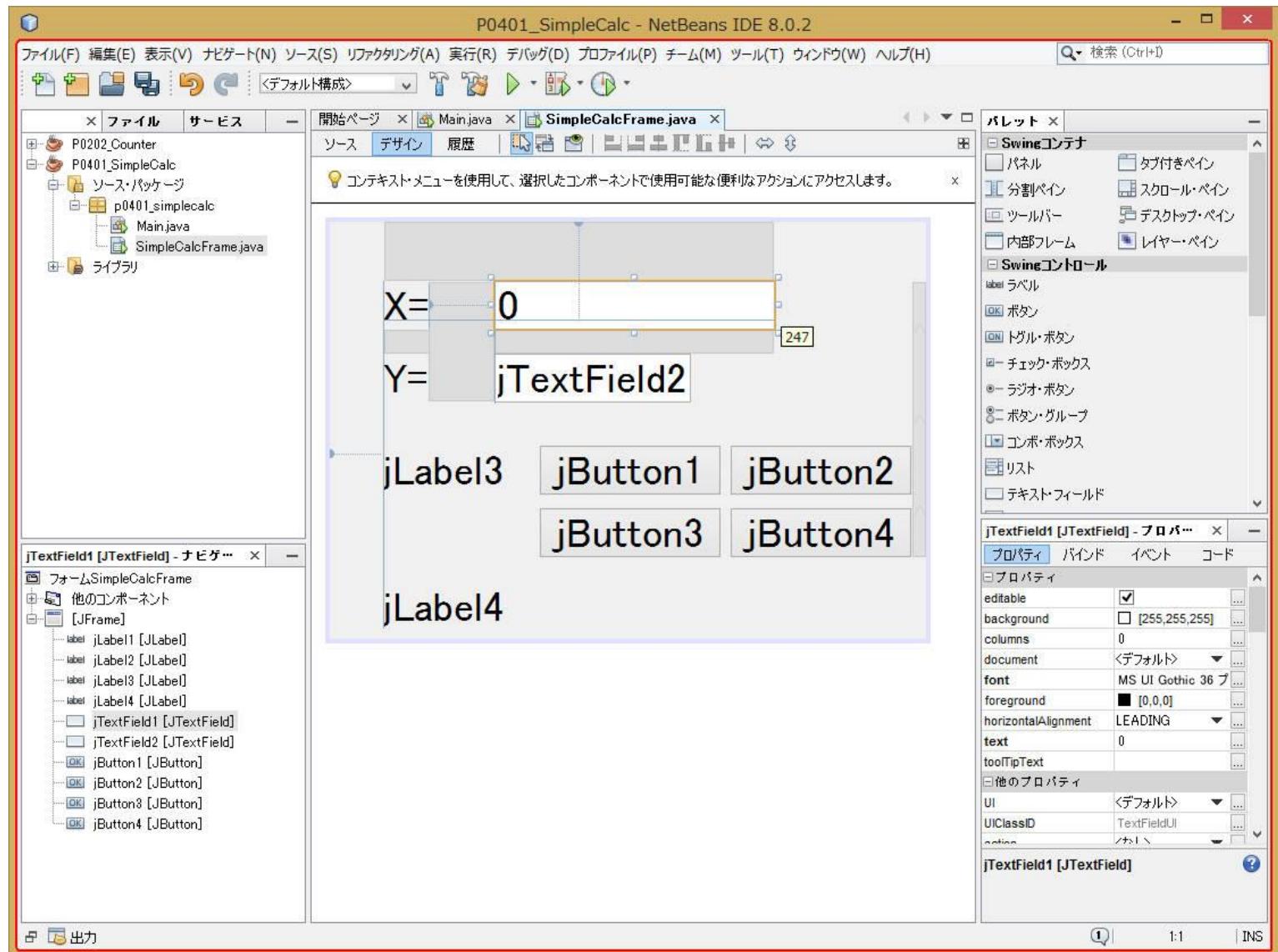


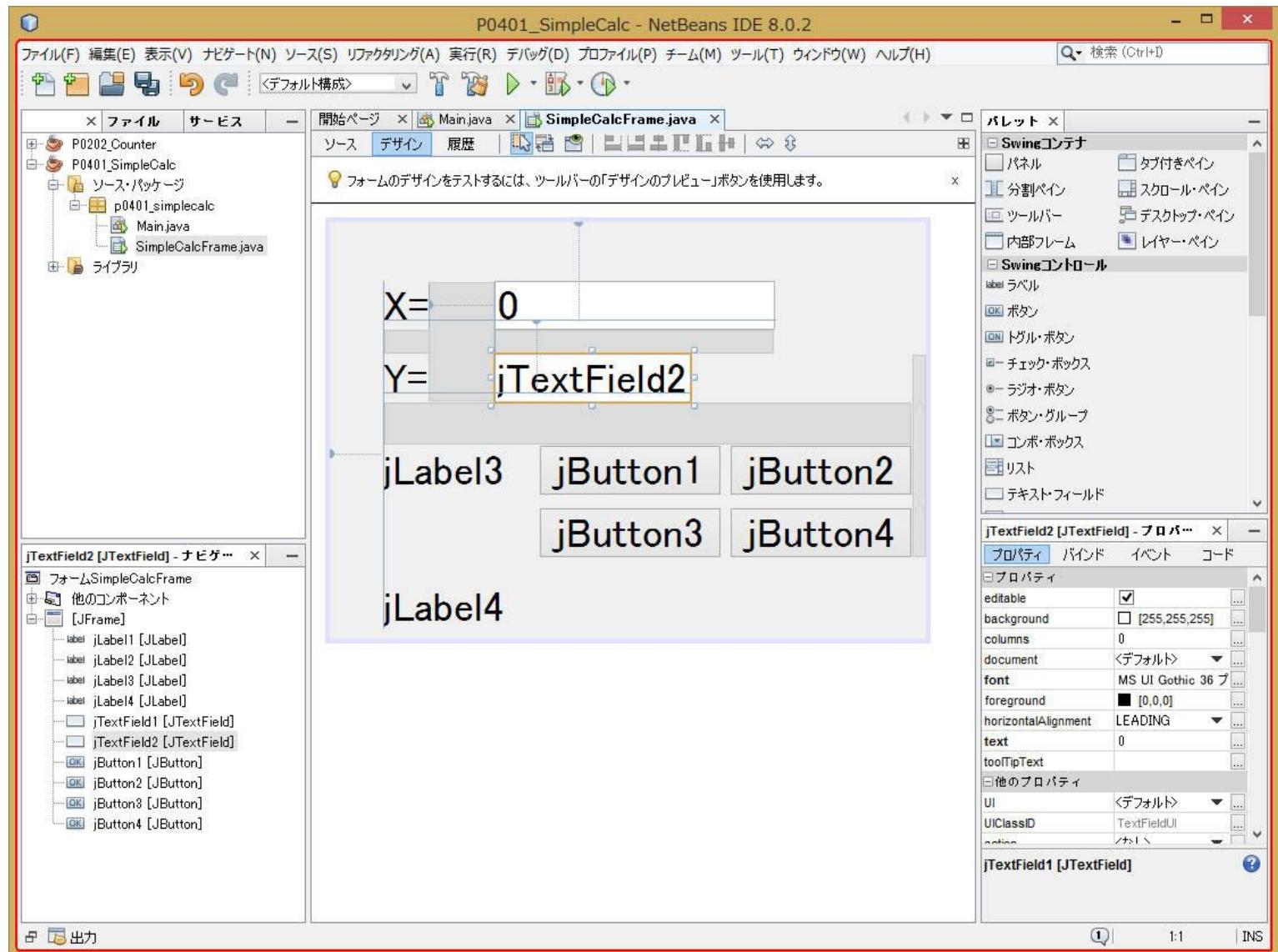


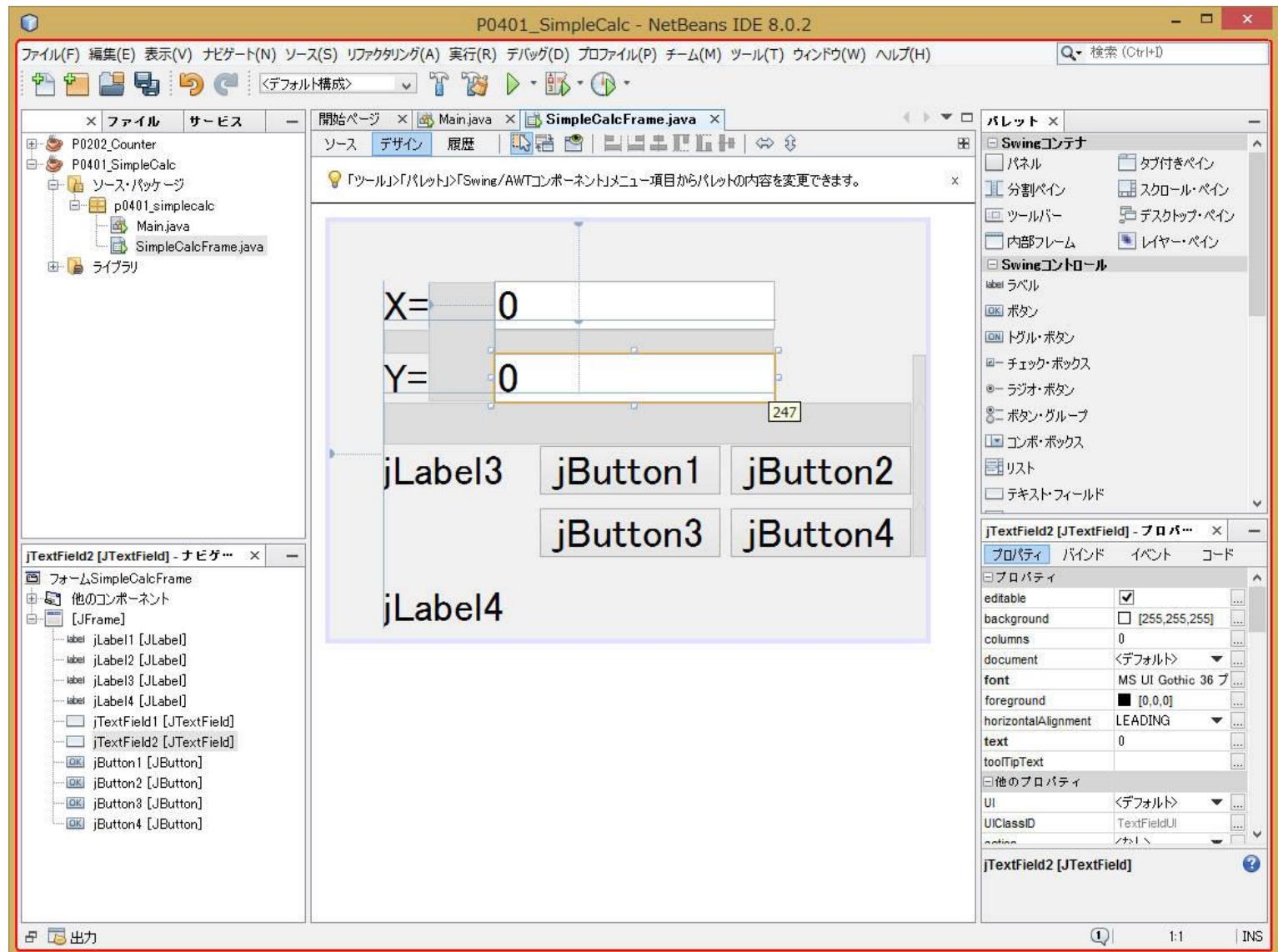


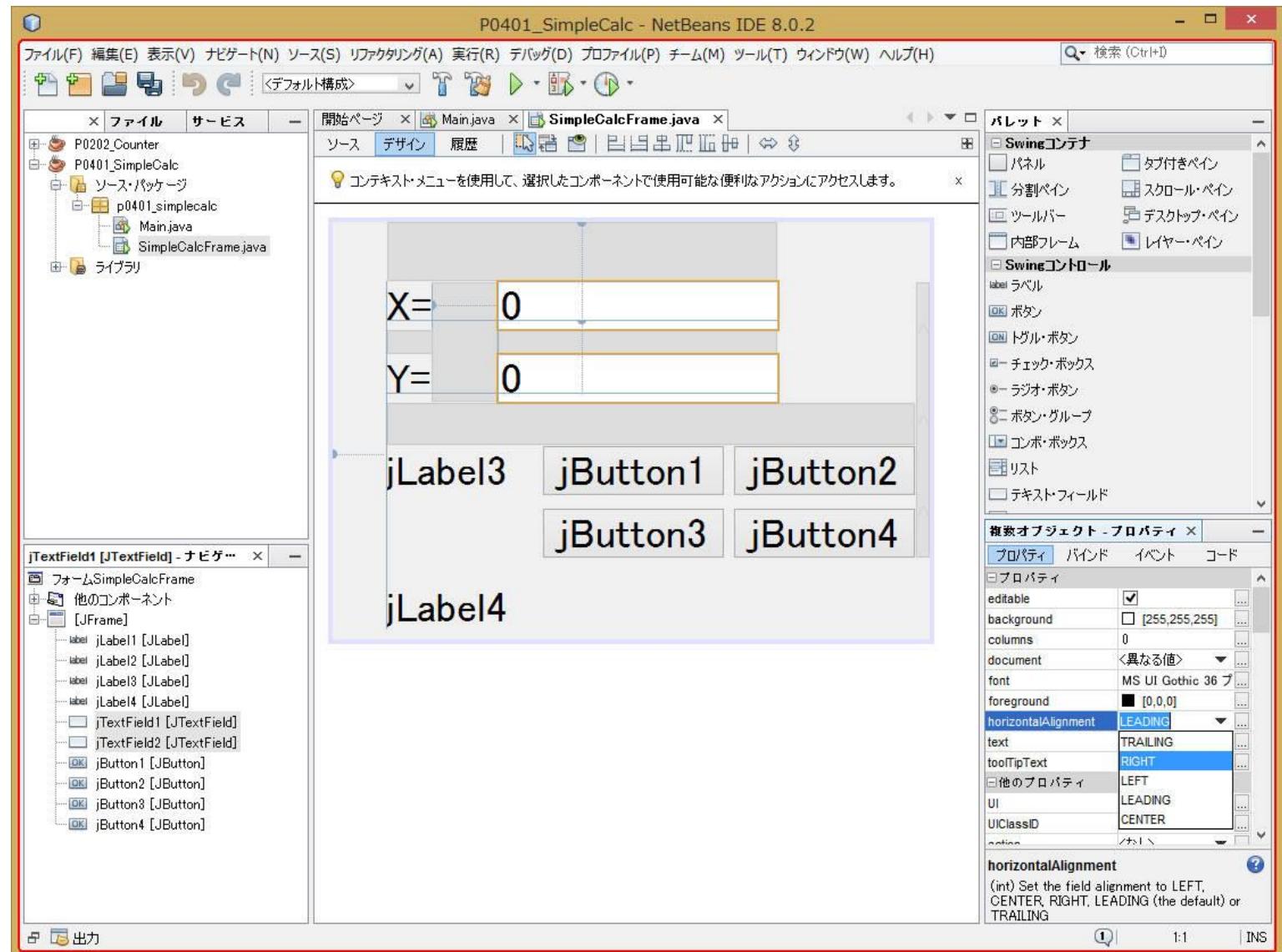


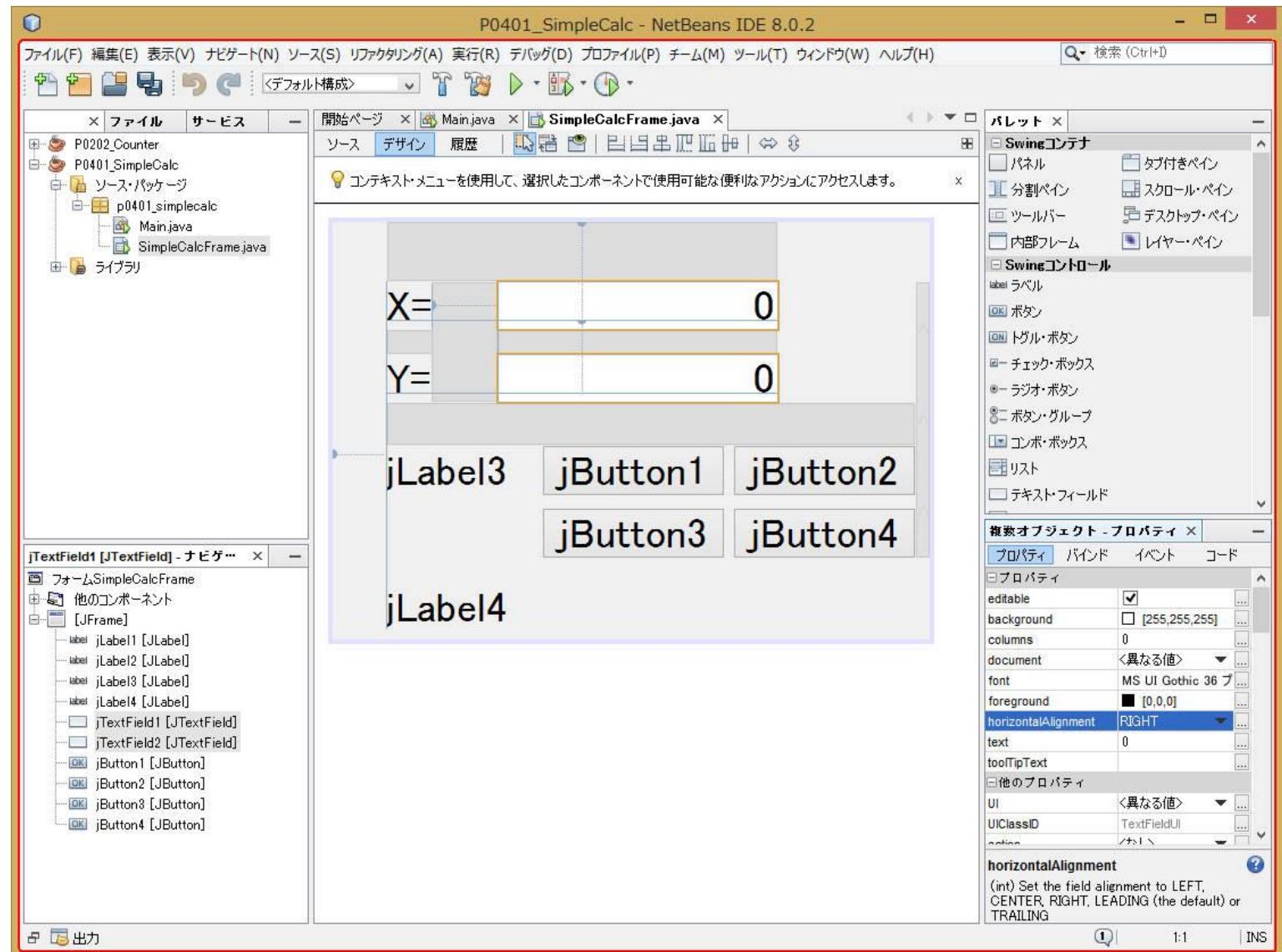


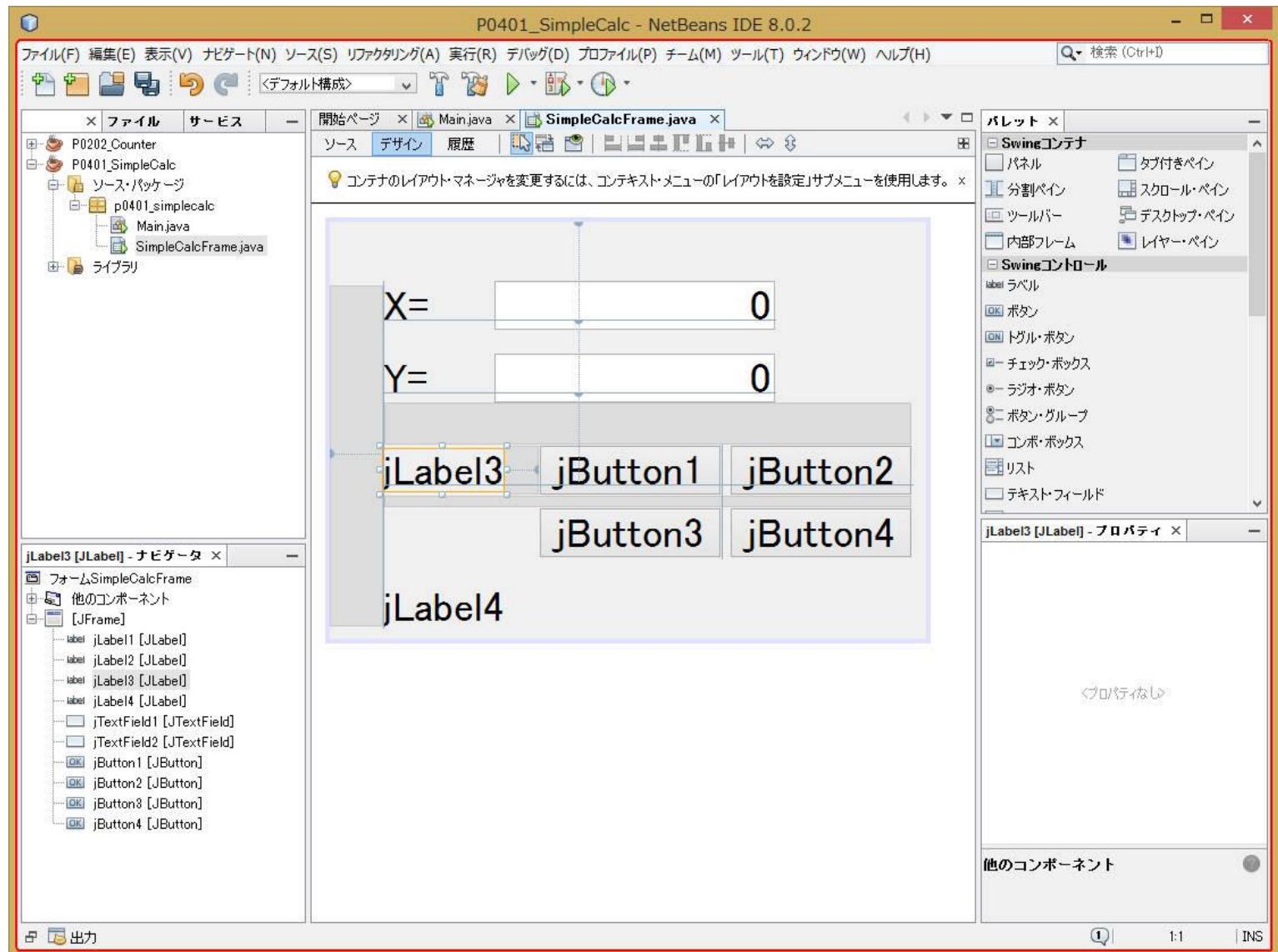


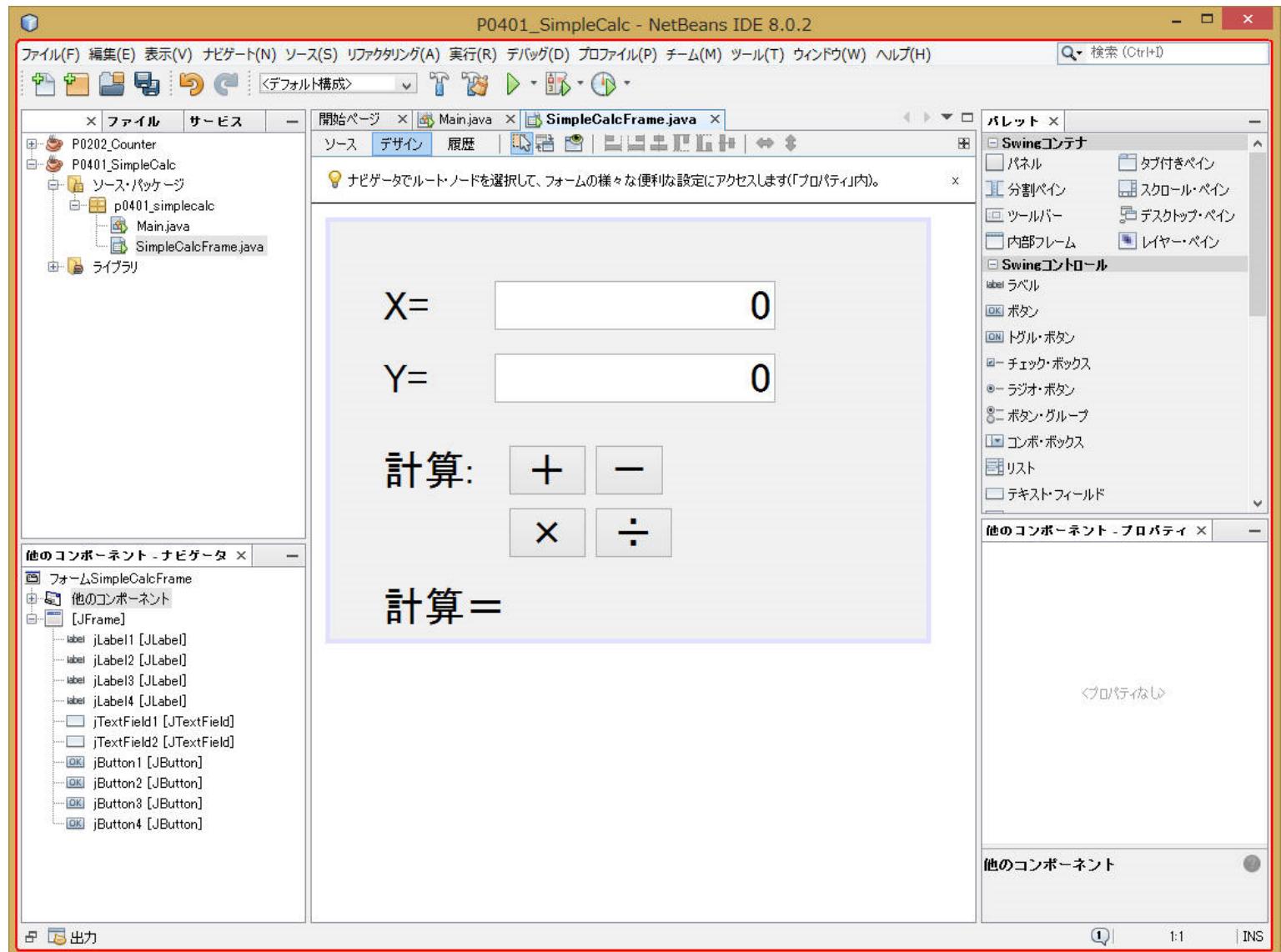


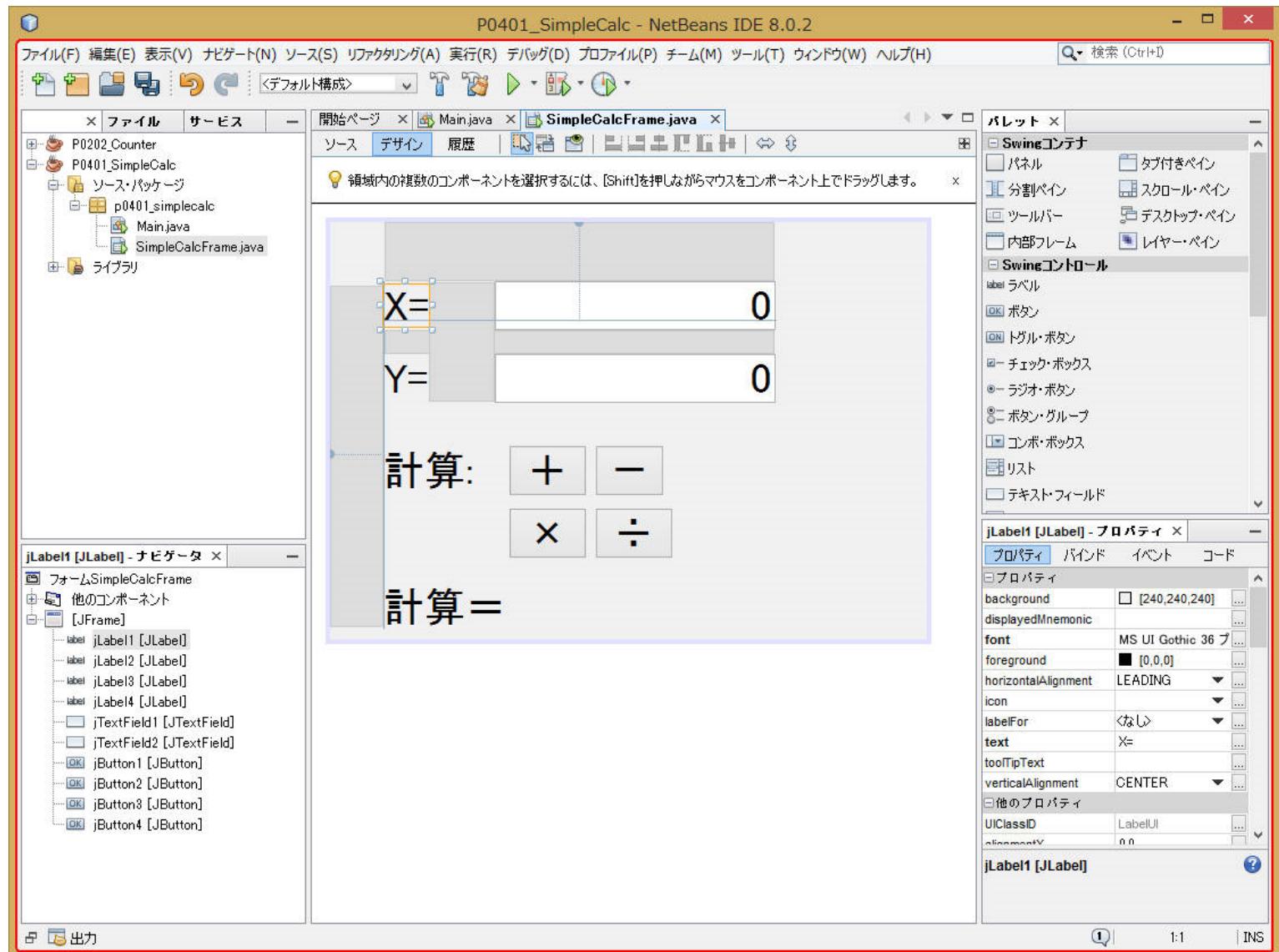


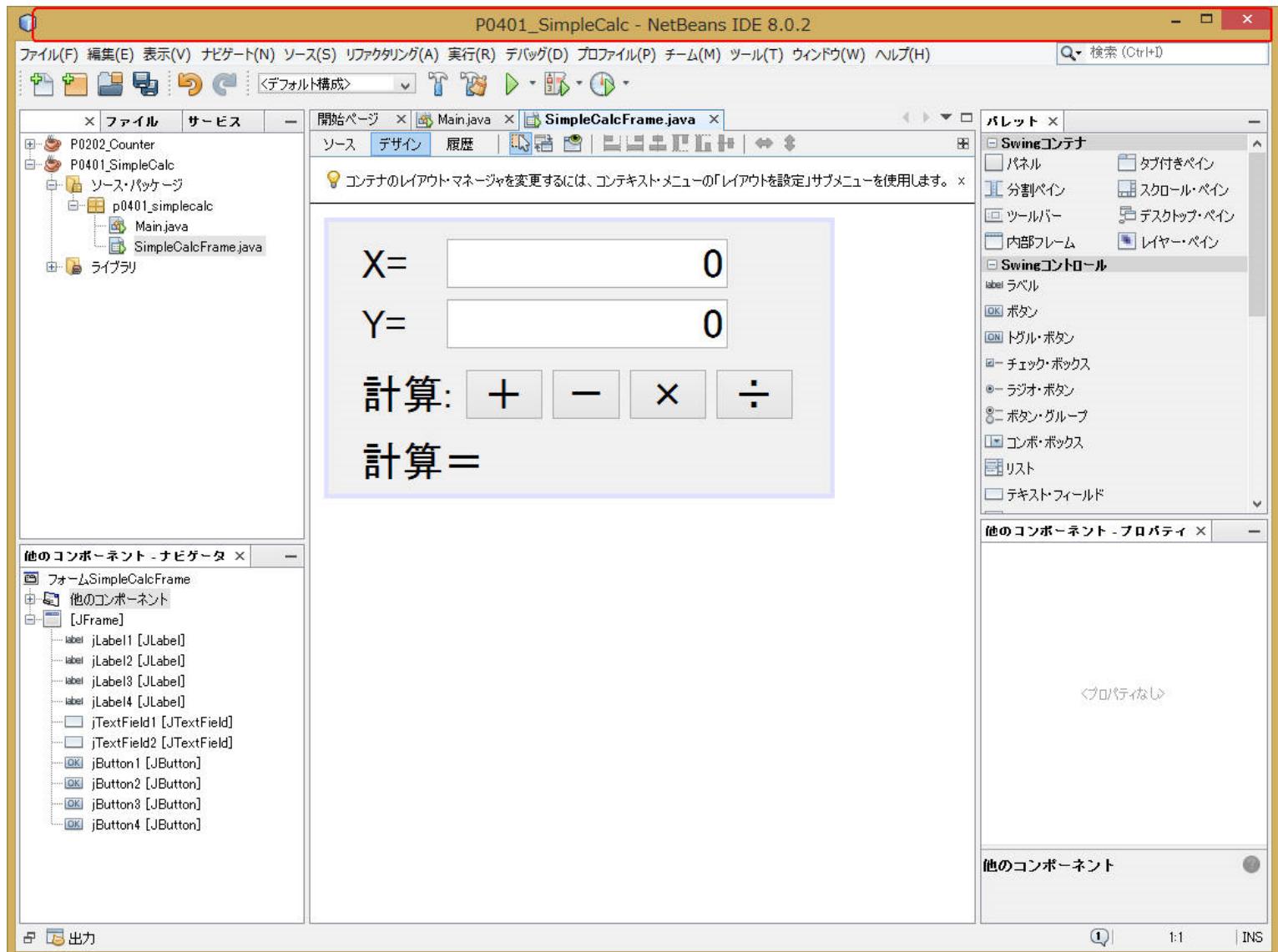


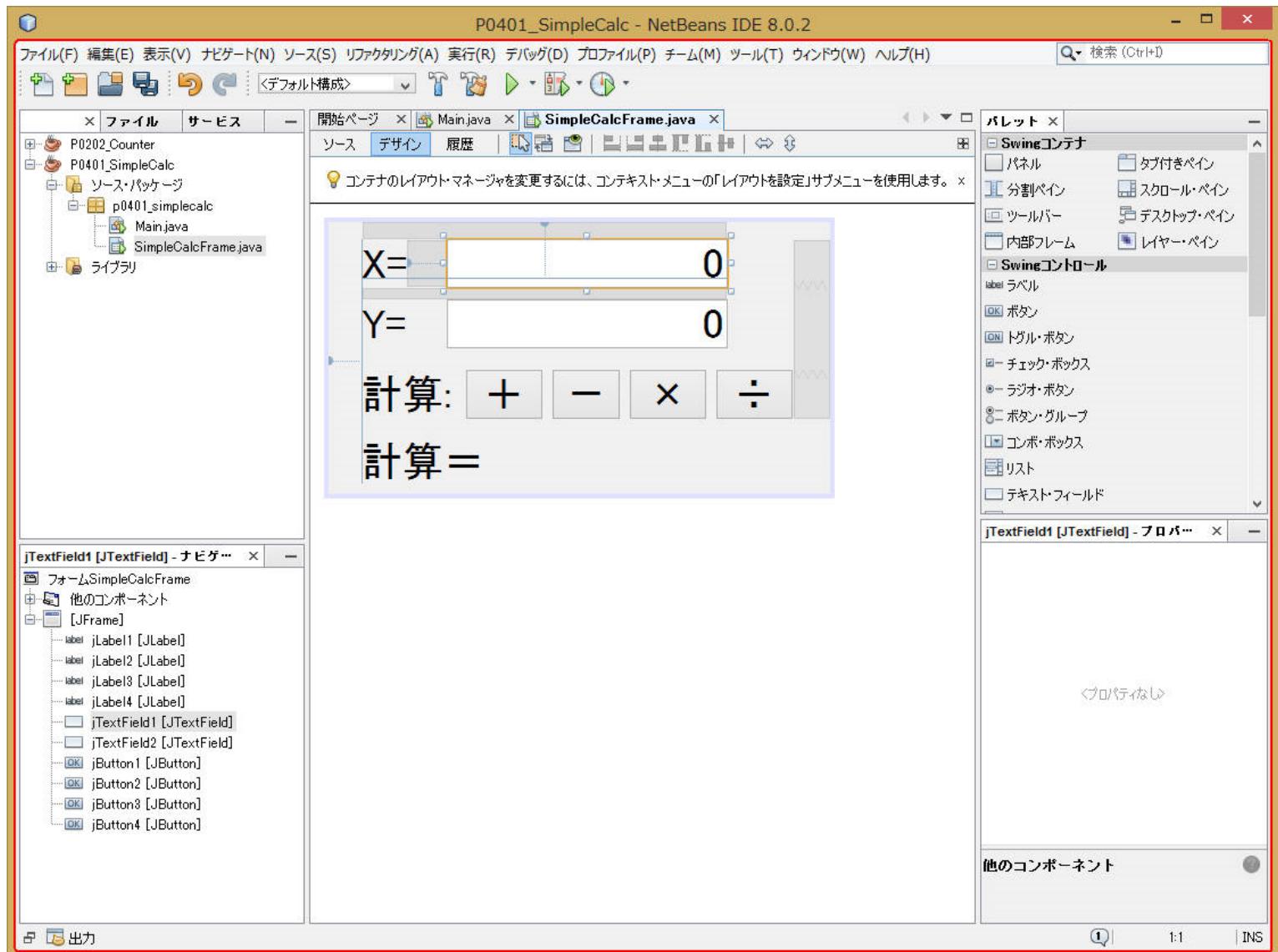


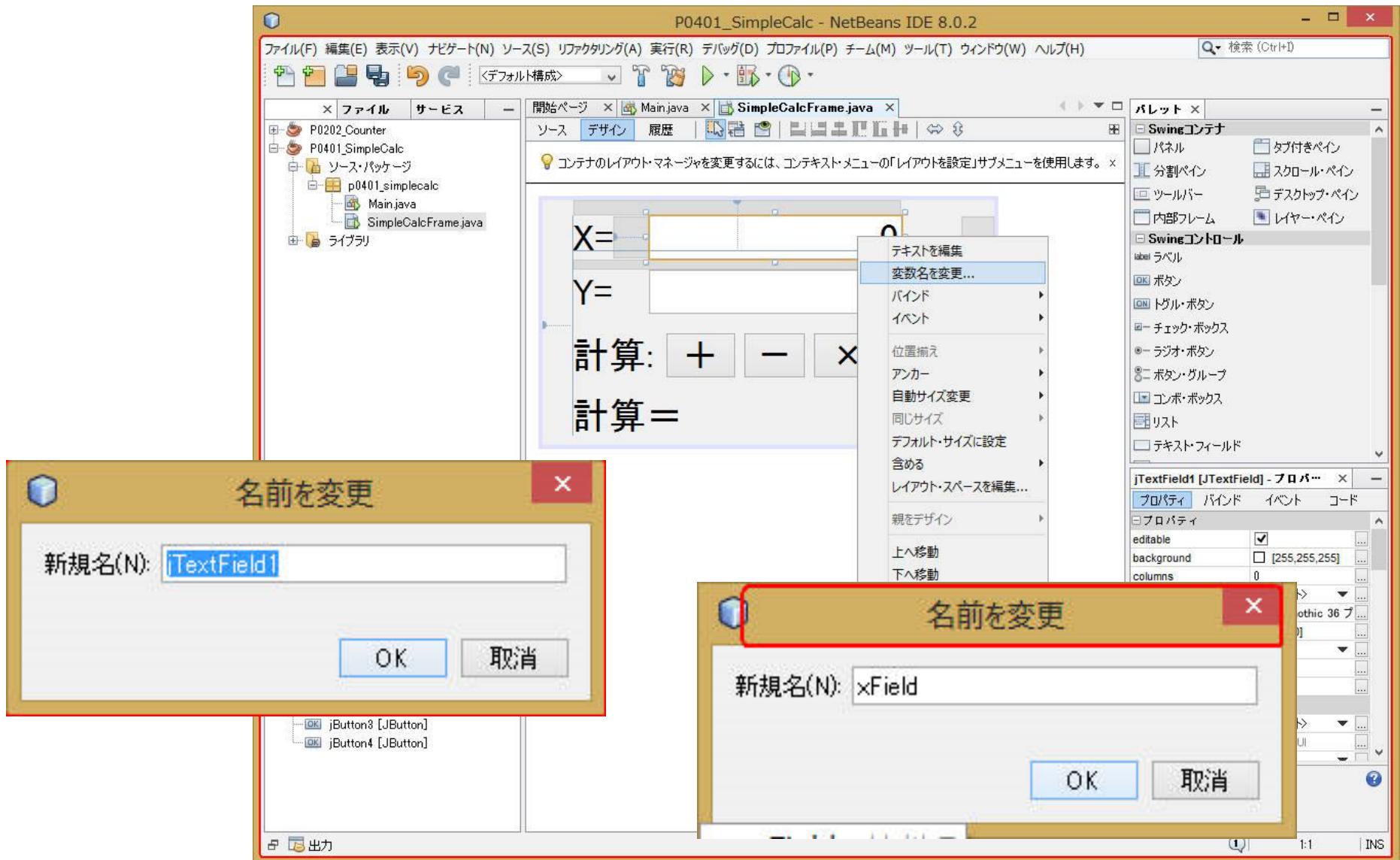


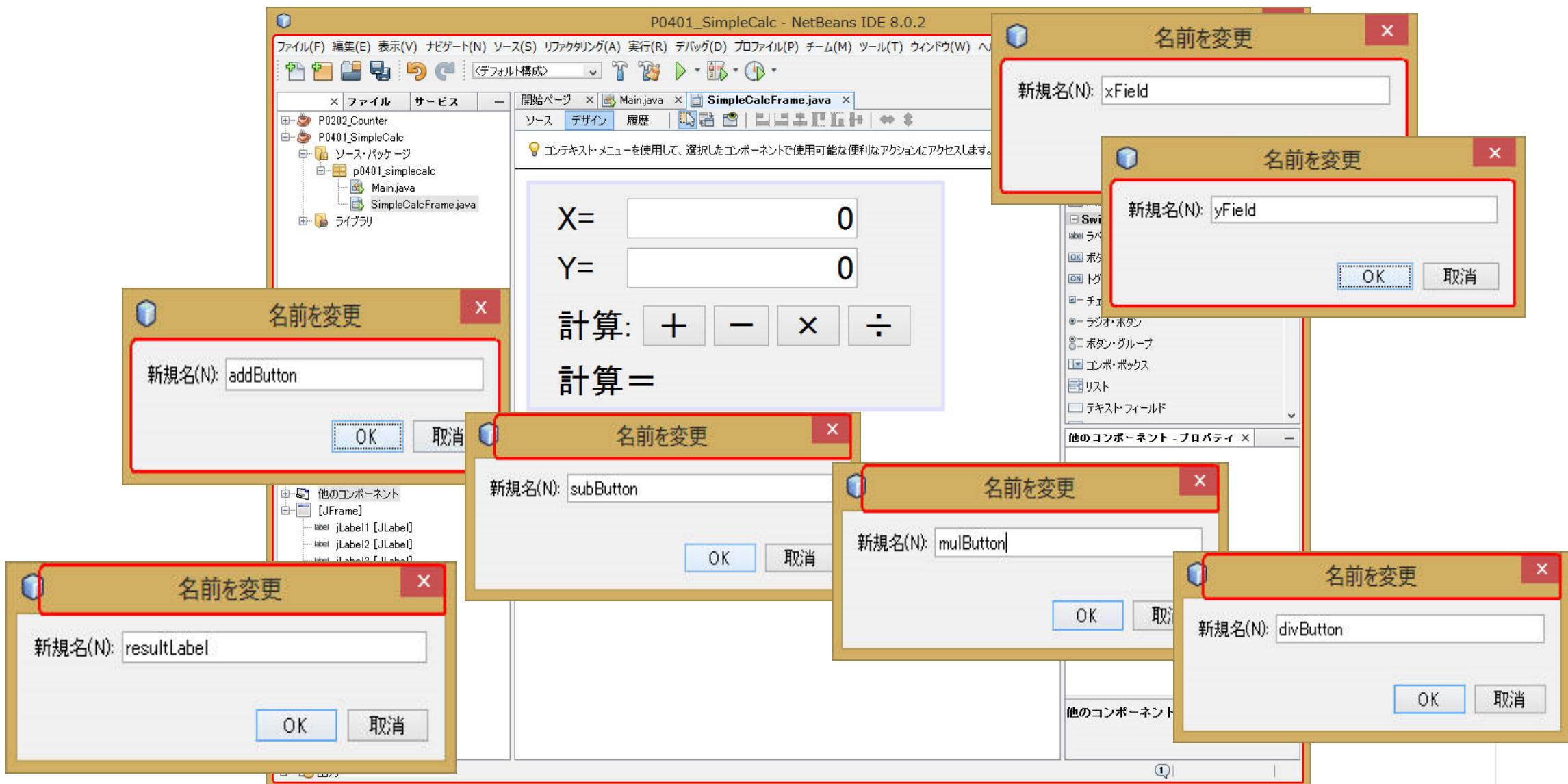


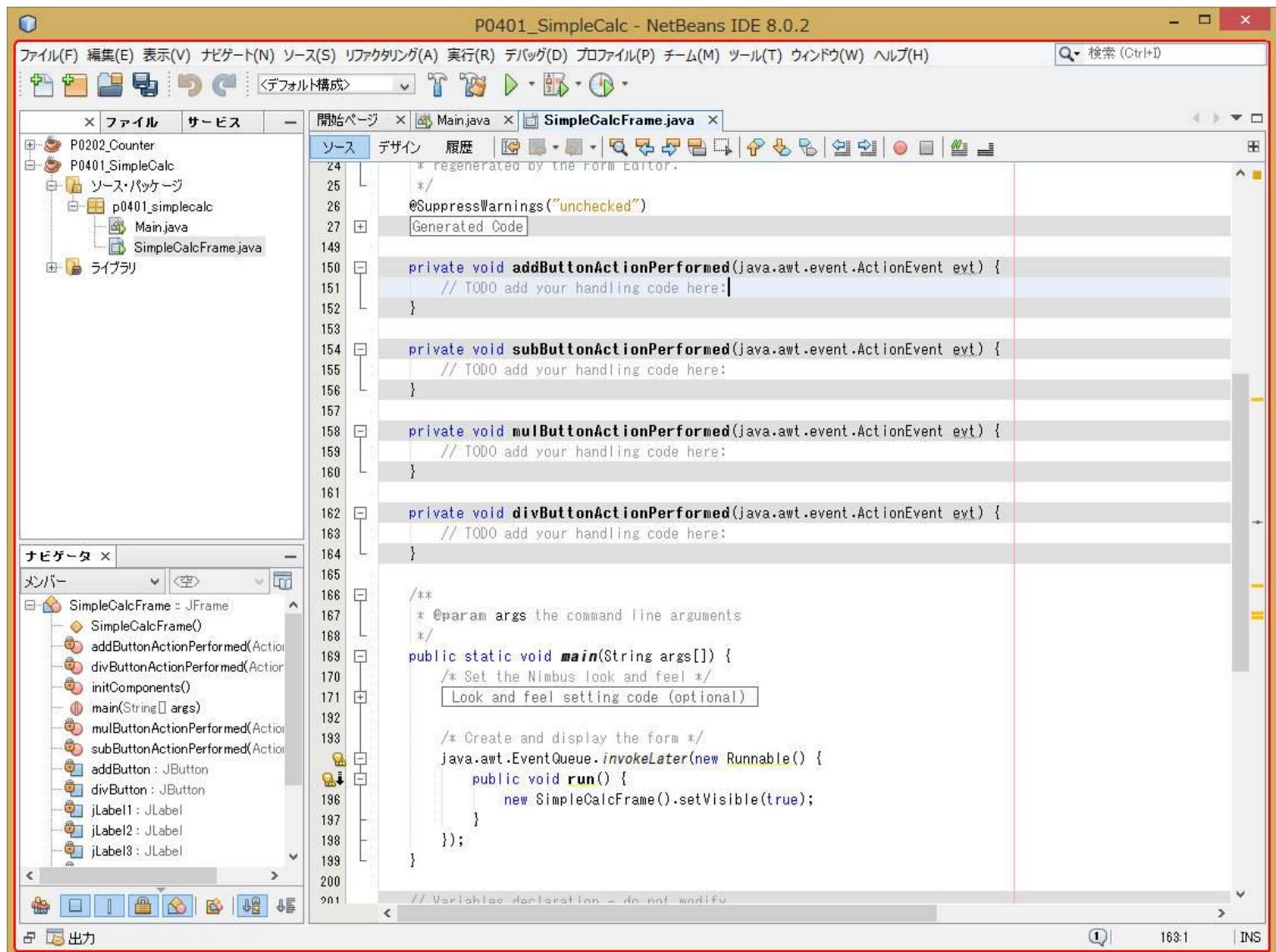


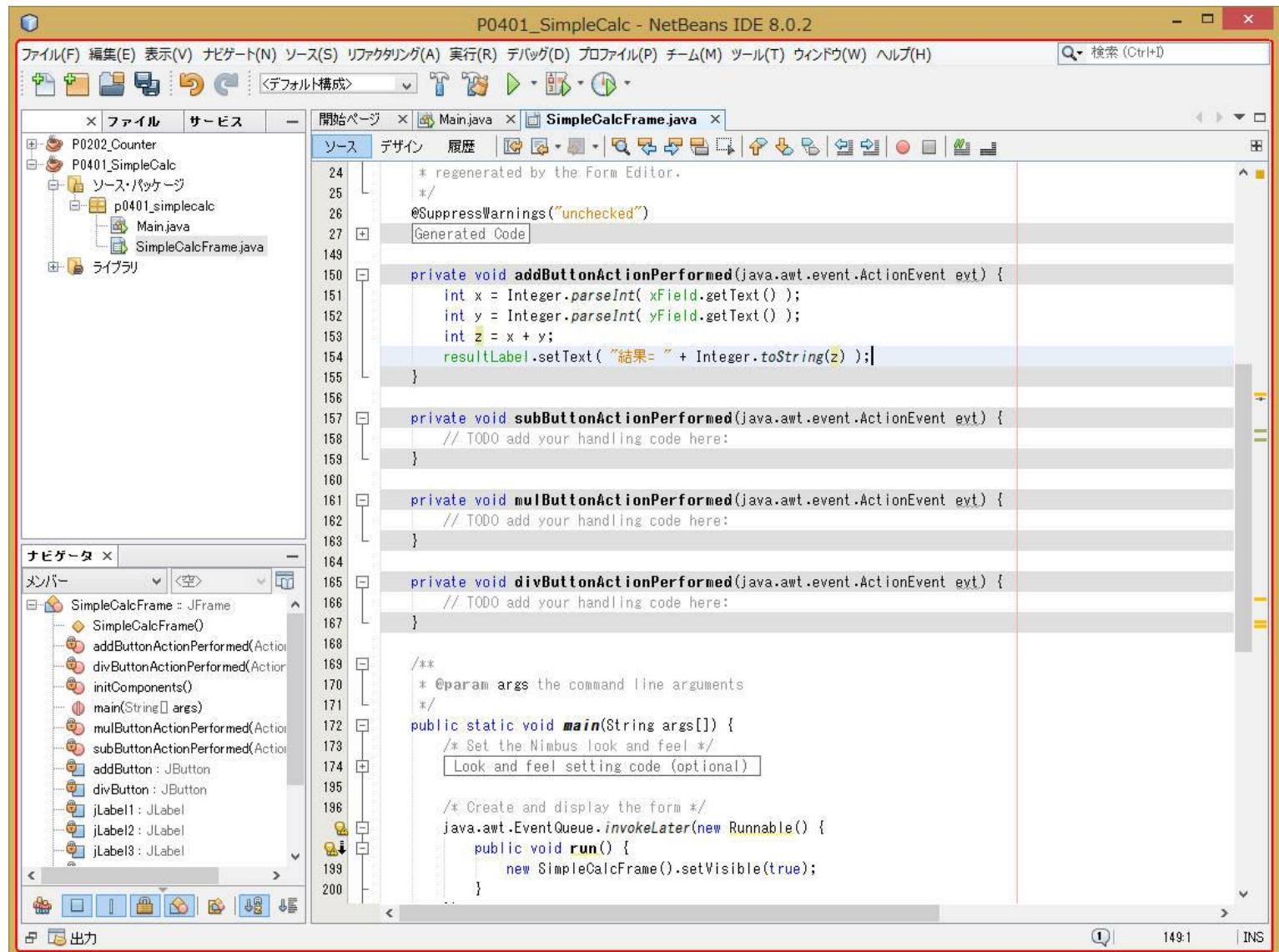


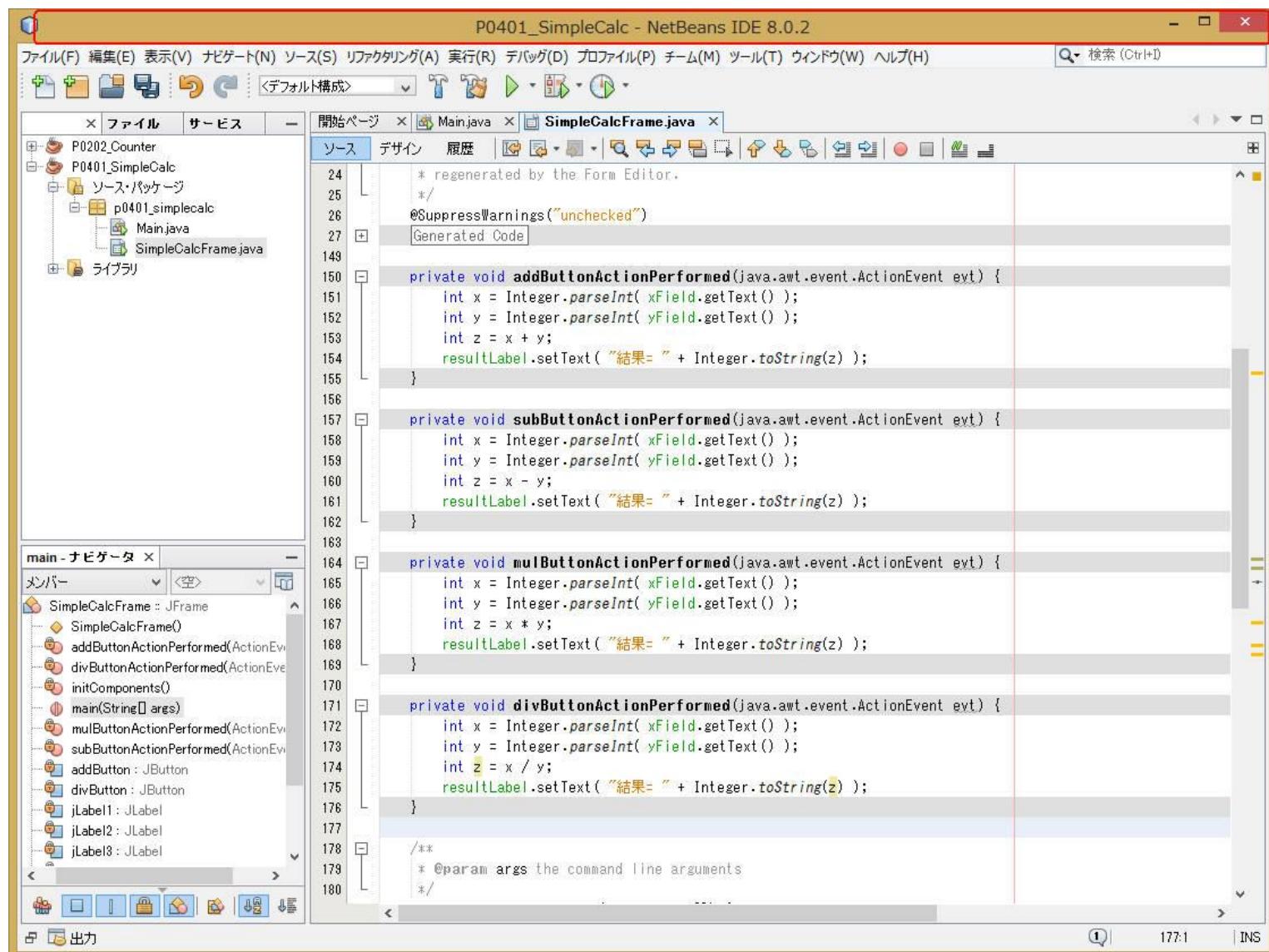












P0401\_SimpleCalc - NetBeans IDE 8.0.2

ファイル(F) 編集(E) 表示(V) ナビゲート(N) ソース(S) リファクリング(A) 実行(R) テバグ(D) プロファイル(P) チーム(M) ツール(T) ウィンドウ(W) ヘルプ(H)

ソース デザイン 履歴

Main.java SimpleCalcFrame.java

```
24 * regenerated by the Form Editor.
25 */
26 @SuppressWarnings("unchecked")
27 Generated Code
28
29
30 private void addButtonActionPerformed(java.awt.event.ActionEvent evt) {
31     int x = Integer.parseInt( xField.getText() );
32     int y = Integer.parseInt( yField.getText() );
33     int z = x + y;
34     resultLabel.setText( "結果= " + Integer.toString(z) );
35 }
36
37 private void subButtonActionPerformed(java.awt.event.ActionEvent evt) {
38     int x = Integer.parseInt( xField.getText() );
39     int y = Integer.parseInt( yField.getText() );
40     int z = x - y;
41     resultLabel.setText( "結果= " + Integer.toString(z) );
42 }
43
44 private void mulButtonActionPerformed(java.awt.event.ActionEvent evt) {
45     int x = Integer.parseInt( xField.getText() );
46     int y = Integer.parseInt( yField.getText() );
47     int z = x * y;
48     resultLabel.setText( "結果= " + Integer.toString(z) );
49 }
50
51 private void divButtonActionPerformed(java.awt.event.ActionEvent evt) {
52     int x = Integer.parseInt( xField.getText() );
53     int y = Integer.parseInt( yField.getText() );
54     int z = x / y;
55     resultLabel.setText( "結果= " + Integer.toString(z) );
56 }
57
58 /**
59 * @param args the command line arguments
60 */
61
```

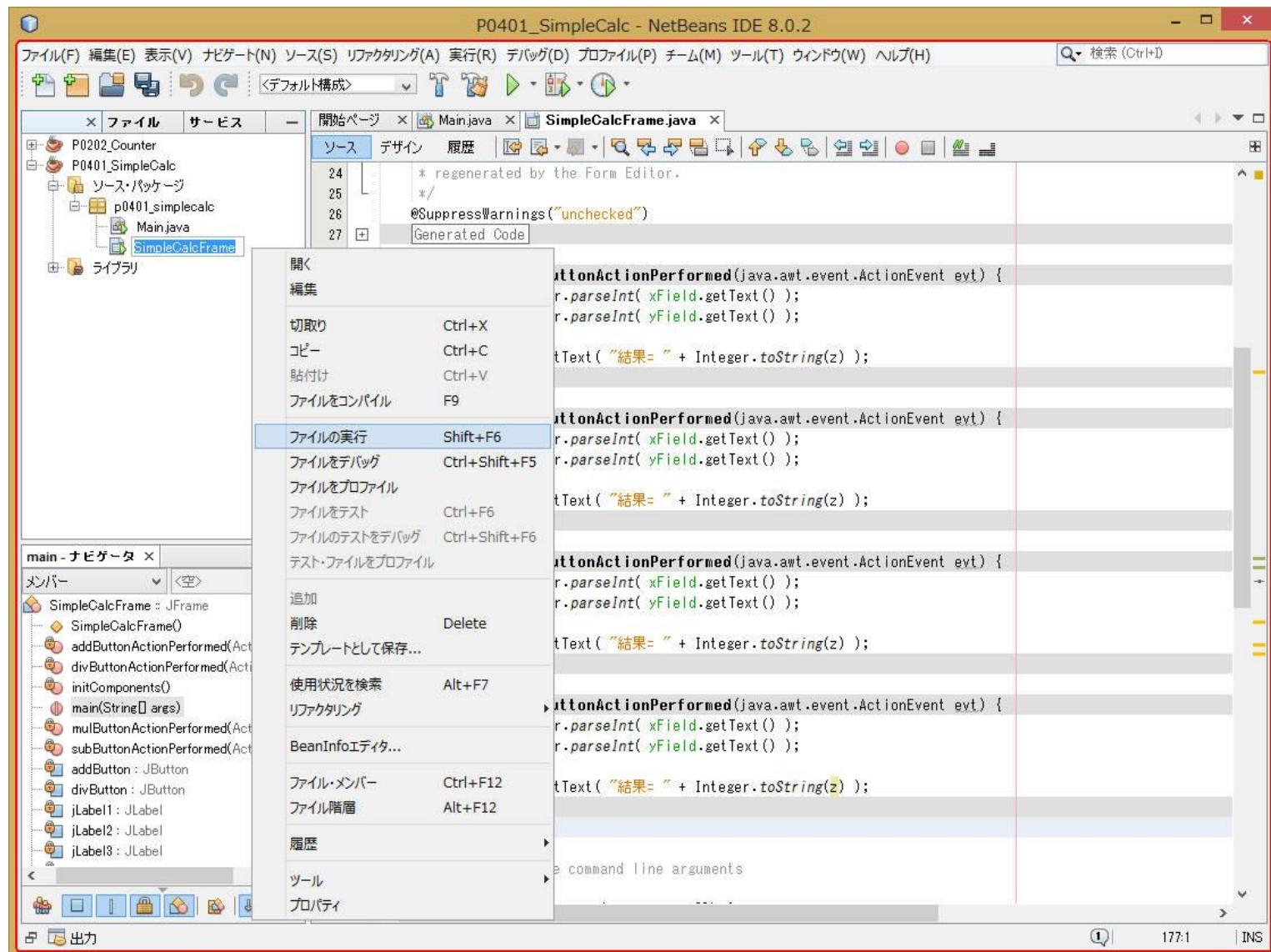
main - ナビゲータ x

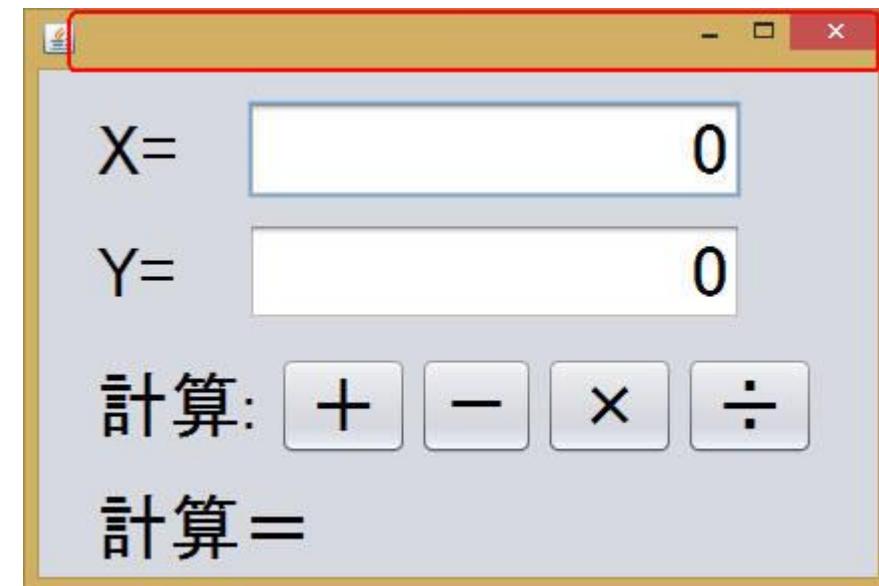
メンバー <空>

SimpleCalcFrame : JFrame

- SimpleCalcFrame()
- addButtonActionPerformed(ActionEvent evt)
- divButtonActionPerformed(ActionEvent evt)
- initComponents()
- main(String[] args)
- mulButtonActionPerformed(ActionEvent evt)
- subButtonActionPerformed(ActionEvent evt)
- addButton : JButton
- divButton : JButton
- jLabel1 : JLabel
- jLabel2 : JLabel
- jLabel3 : JLabel

出力





A screenshot of a Java Swing application window titled "SimpleCalc". The window contains four text input fields: "X=" with value 3, "Y=" with value 4, and two empty fields for the calculation operator and result. Below these fields is a button labeled "計算" (Calculate) with a dropdown menu containing four operators: +, -, ×, and ÷. The result field shows the value 7.

A screenshot of a Java Swing application window titled "SimpleCalc". The window contains four text input fields: "X=" with value 3, "Y=" with value 4, and two empty fields for the calculation operator and result. Below these fields is a button labeled "計算" (Calculate) with a dropdown menu containing four operators: +, -, ×, and ÷. The result field shows the value -1.