

基本コンポーネント（GUI 部品）

Exec100.java

```
1: //JFrame Simple
2:
3: import javax.swing.JFrame;
4: public class Exec100 extends JFrame{
5:     JFrame execFrame;
6:     public Exec100(){
7:         execFrame = new JFrame("Exec100");
8:         execFrame.setSize(400,400);
9:         execFrame.setVisible(true);
10:        execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
11:    }
12:    public static void main(String[] args) {
13:        new Exec100();
14:    }
15: }
```

Exec101.java

```
1: //JFrame + FlowLayout + JLabel
2:
3: import java.awt.FlowLayout;
4: import java.awt.Font;
5:
6: import javax.swing.JFrame;
7: import javax.swing.JLabel;
8: public class Exec101 extends JFrame{
9:     JFrame execFrame;
10:    public Exec101(){
11:        execFrame = new JFrame("Exec101");
12:        execFrame.setSize(400,400);
13:        execFrame.setVisible(true);
14:        execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
15:
16:        //kokokara
17:        execFrame.setLayout( new FlowLayout( ));
18:        execFrame.add(new JLabel("Java"));
19:        execFrame.add(new JLabel("in"));
20:        execFrame.add(new JLabel("8 Hours"));
21:        JLabel bigLabel = new JLabel("麻生情報ビジネス専門学校");
22:        bigLabel.setFont(new Font("MS ゴシック", Font.BOLD, 20));
23:        execFrame.add(bigLabel);
24:        execFrame.setVisible(true);
25:
26:    }
27:    public static void main(String[] args) {
28:        new Exec101( );
29:    }
30: }
```

Exec102.java

```
1: //JFrame + FlowLayout + JTextField
2:
3: import java.awt.FlowLayout;
4: import java.awt.Font;
5:
6: import javax.swing.JFrame;
7: import javax.swing.JTextField;
8: public class Exec102 extends JFrame{
9:     JFrame execFrame;
10:    public Exec102(){
11:        execFrame = new JFrame("Exec102");
12:        execFrame.setSize(400,400);
13:        execFrame.setVisible(true);
14:        execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
15:
16:        //kokokara
17:        execFrame.setLayout( new FlowLayout());
18:        execFrame.add(new JTextField(" This is a TextField "));
19:
20:        JTextField bigTextField = new JTextField("麻生情報ビジネス専門学校");
21:        bigTextField.setFont(new Font("MS ゴシック", Font.BOLD, 30));
22:        execFrame.add(bigTextField);
23:
24:        execFrame.setVisible(true);
25:
26:    }
27:    public static void main(String[] args) {
28:        new Exec102();
29:    }
30: }
```

Exec103.java

```
1: //JFrame + FlowLayout + JPasswordField
2:
3: import java.awt.FlowLayout;
4:
5: import javax.swing.JFrame;
6: import javax.swing.JPasswordField;
7: public class Exec103 extends JFrame{
8:     JFrame execFrame;
9:     public Exec103(){
10:         execFrame = new JFrame("Exec103");
11:         execFrame.setSize(400,400);
12:         execFrame.setVisible(true);
13:         execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14:
15:         //kokokara
16:         execFrame.setLayout( new FlowLayout());
17:         JPasswordField myPassword;
18:         myPassword = new JPasswordField (16);
19:         execFrame.add(myPassword);
20:         execFrame.setVisible(true);
21:     }
22: }
23: public static void main(String[] args) {
24:     new Exec103();
25: }
26: }
```

Exec104.java

```
1: //JFrame + FlowLayout + JCheckBox
2:
3: import java.awt.FlowLayout;
4:
5: import javax.swing.JCheckBox;
6: import javax.swing.JFrame;
7: public class Exec104 extends JFrame{
8:     JFrame execFrame;
9:     public Exec104(){
10:         execFrame = new JFrame("Exec104");
11:         execFrame.setSize(400,400);
12:         execFrame.setVisible(true);
13:         execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14:
15:         //kokokara
16:         execFrame.setLayout( new FlowLayout( ));
17:         execFrame.add(new JCheckBox("This is a CheckBox"));
18:         execFrame.setVisible(true);
19:
20:     }
21:     public static void main(String[] args) {
22:         new Exec104();
23:     }
24: }
```

Exec105.java

```
1: //JFrame + FlowLayout + JRadioButton
2:
3: import java.awt.FlowLayout;
4:
5: import javax.swing.JFrame;
6: import javax.swing.JRadioButton;
7: public class Exec105 extends JFrame{
8:     JFrame execFrame;
9:     public Exec105(){
10:         execFrame = new JFrame("Exec105");
11:         execFrame.setSize(400,400);
12:         execFrame.setVisible(true);
13:         execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14:
15:         //kokokara
16:         execFrame.setLayout( new FlowLayout( ));
17:         execFrame.add(new JRadioButton("I am RadioButton"));
18:         execFrame.setVisible(true);
19:
20:     }
21:     public static void main(String[] args) {
22:         new Exec105();
23:     }
24: }
```

Exec106.java

```
1: //JFrame + FlowLayout + JTextArea
2:
3: import java.awt.FlowLayout;
4:
5: import javax.swing.JFrame;
6: import javax.swing.JTextArea;
7: public class Exec106 extends JFrame{
8:     JFrame execFrame;
9:     public Exec106(){
10:         execFrame = new JFrame("Exec106");
11:         execFrame.setSize(400,400);
12:         execFrame.setVisible(true);
13:         execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14:
15:         //kokokara
16:         execFrame.setLayout( new FlowLayout());
17:         execFrame.add(new JTextArea(" This is a TextArea! ",10,20));
18:         execFrame.setVisible(true);
19:
20:     }
21:     public static void main(String[] args) {
22:         new Exec106();
23:     }
24: }
```

Exec107.java

```
1: //JFrame + FlowLayout + JComboBox
2:
3: import java.awt.FlowLayout;
4:
5: import javax.swing.JComboBox;
6: import javax.swing.JFrame;
7: public class Exec107 extends JFrame{
8:     JFrame execFrame;
9:     public Exec107(){
10:         execFrame = new JFrame("Exec107");
11:         execFrame.setSize(400,400);
12:         execFrame.setVisible(true);
13:         execFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14:
15:         //kokokara
16:         execFrame.setLayout( new FlowLayout( ));
17:         JComboBox color = new JComboBox( );
18:         color.addItem("Red");
19:         color.addItem("Yellow");
20:         color.addItem("Green");
21:         execFrame.add(color);    // add "color" object to frame.
22:         execFrame.setVisible(true);
23:
24:     }
25:     public static void main(String[] args) {
26:         new Exec107();
27:     }
28: }
```