# CHAPTER 15

## WORK ON YOUR SWING

## 1.CODE WITH LAYOUT

## 1) OPTION C

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

public class MySwingApp {
    public static void main(String[] args) {
        JFrame frame = new JFrame("My Swing App");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(300, 200);
        JPanel panel = new JPanel();
        panel.setBackground(Color.darkGray);
        JButton button = new JButton("tesuji");
        JButton buttonTwo = new JButton("watari");
        panel.add(button);
        panel.add(buttonTwo);
        frame.getContentPane().add(panel, BorderLayout.CENTER);
        frame.setVisible(true);
    }
}
```

## 2) OPTION D

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

public class MySwingApp {
    public static void main(String[] args) {
        JFrame frame = new JFrame("My Swing App");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(300, 200);
        JPanel panel = new JPanel();
        panel.setBackground(Color.darkGray);

        JButton button = new JButton("tesuji");
        JButton buttonTwo = new JButton("watari")
        panel.add(buttonTwo);
```

```java
            frame.getContentPane().add(BorderLayout.NORTH, panel);
            frame.getContentPane().add(BorderLayout.CENTER, button);
            frame.setVisible(true);
        }
    }
```

## 3)OPTION E

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

public class MySwingApp {
    public static void main(String[] args) {
        JFrame frame = new JFrame("My Swing App");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(300, 200);
        JPanel panel = new JPanel();
        panel.setBackground(Color.darkGray);
        JButton button = new JButton("tesuji");
        JButton buttonTwo = new JButton("watari");
        panel.add(buttonTwo);
        frame.getContentPane().add(BorderLayout.SOUTH, panel);
        frame.getContentPane().add(BorderLayout.NORTH, button);
        frame.setVisible(true);
        }
    }
```

## 4)OPTION A

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

public class MySwingApp {
    public static void main(String[] args) {
        JFrame frame = new JFrame("My Swing App");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(300, 200);
        JPanel panel = new JPanel();
        panel.setBackground(Color.darkGray);
        JButton button = new JButton("tesuji");
```

```
        JButton buttonTwo = new JButton("watari");
        panel.add(button);
        frame.getContentPane().add(BorderLayout.NORTH, buttonTwo);
        frame.getContentPane().add(BorderLayout.EAST, panel);
        frame.setVisible(true);
    }
}
```

## 5)OPTION B

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

public class MySwingApp {
    public static void main(String[] args) {

        JFrame frame = new JFrame("My Swing App");
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(300, 200);
        JPanel panel = new JPanel();
        panel.setBackground(Color.darkGray);
        JButton button = new JButton("tesuji");
        JButton buttonTwo = new JButton("watari");
        panel.add(buttonTwo);
        frame.getContentPane().add(BorderLayout.CENTER, button);
        frame.getContentPane().add(BorderLayout.EAST, panel);
        frame.setVisible(true);
    }
}
```