**CHAPTER 15**

**WORK ON YOUR SWING**

**1.CODE WITH LAYOUT**

**1) OPTION C**

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**

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.NORTH, panel);

frame.getContentPane().add(BorderLayout.CENTER, button);

frame.setVisible(true);

}

}

**3)OPTION E**

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**

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);

}

}