

2. 畫出執行後的用戶介面。(5 分)
說明這個程式的用意及其操作。(5 分)

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

public class MultipleSelectionTest extends JFrame {
    private JList colorList, copyList;
    private JButton copyButton;
    private final String colorNames[] = { "Black", "Blue", "Cyan",
        "Dark Gray", "Gray", "Green", "Light Gray", "Magenta", "Orange",
        "Pink", "Red", "White", "Yellow" };

    public MultipleSelectionTest()
    {
        super( "Multiple Selection Lists" );
        Container container = getContentPane();
        container.setLayout( new FlowLayout() );
        colorList = new JList( colorNames );
        colorList.setVisibleRowCount( 5 );
        colorList.setSelectionMode(
            ListSelectionModel.MULTIPLE_INTERVAL_SELECTION );
        container.add( new JScrollPane( colorList ) );
        copyButton = new JButton( "Copy >>>" );
        copyButton.addActionListener(
            new ActionListener() { // anonymous inner class
                public void actionPerformed((ActionEvent event) )
                {
                    // place selected values in copyList
                    copyList.setListData( colorList.getSelectedValues() );
                }
            } // end anonymous inner class
        ); // end call to addActionListener
        container.add( copyButton );
        copyList = new JList();
        copyList.setVisibleRowCount( 5 );
        copyList.setFixedCellWidth( 100 );
        copyList.setFixedCellHeight( 15 );
        copyList.setSelectionMode(
            ListSelectionModel.SINGLE_INTERVAL_SELECTION );
        container.add( new JScrollPane( copyList ) );
        setSize( 300, 130 );
        setVisible( true );
    } // end constructor MultipleSelectionTest

    public static void main( String args[] )
    {
        MultipleSelectionTest application = new MultipleSelectionTest();
        application.setDefaultCloseOperation( JFrame.EXIT_ON_CLOSE );
    }
} // end class MultipleSelectionTest
```