TTTK1143

Rekabentuk aturcara dan penyelesaian masalah

Topic

Graphical User Interface (GUI)

Tutorial 5

Section B

Question 3

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Question 3

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

public class Question3 extends JFrame implements ListSelectionListener{
        private JPanel p1;
        private JTextField select;
        private JList l1;
        private JLabel b1;

        String [] array = {"Caramel choco","Paper mint","Honey Bubble",
                    "Vanila Oreo","Irish Cream","Milk Tea"};

        public Question3() {
                Container pane=getContentPane();
                pane.setLayout(new BorderLayout());

                p1= new JPanel();
                p1.setLayout(new FlowLayout());

                l1=new JList(array);
                l1.setSelectionMode(ListSelectionModel.SINGLE_SELECTION);
                l1.addListSelectionListener( this);
                pane.add(l1);

                b1=new JLabel("Selected Drink >>>");
                p1.add(b1);

                select=new JTextField(10);
                p1.add(select);
                pane.add(p1,BorderLayout.SOUTH);

        }
        public void valueChanged(ListSelectionEvent e) {
                select.setText(""+array[l1.getSelectedIndex()]);

        }
        public static void main (String[]args) {
                Question3 frame = new Question3();//Jframe
                frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                frame.setTitle("* Lovely Drink *");
                frame.setSize(300, 200);
                frame.setVisible(true);
        }

}
```

Output

* Lovely Drink *

Caramel choco
Paper mint
Honey Bubble
Vanila Oreo
Irish Cream
Milk Tea

Selected Drink >>>   Milk Tea