```java
import java.awt.*;

import java.awt.event.*;

import java.awt.event.ActionListener;

import java.awt.event.ItemEvent;

import java.awt.event.ItemListener;

import java.awt.event.KeyListener;

import java.awt.event.KeyEvent;

import java.awt.event.WindowEvent;

import java.awt.event.WindowAdapter;

public class Assignment2 extends Frame
{
    private static final long serialVersionUID = 1L;
    public Assignment2()
    {
        addWindowListener(new WindowAdapter()
        {
            @Override
            public void windowClosing(WindowEvent e)
            {
                System.exit(0);
            }
        });
    }
    public static void main(String[] aaaa)
    {
        Assignment2 obj= new Assignment2();
        obj.setSize(new Dimension(300, 200));
        obj.setTitle("AWT");
        obj.setVisible(true);
        Frame frame=new Frame("19115045 - Assignment 2");
        frame.setLayout(null);
```

```java
frame.setVisible(true);

Label l2=new Label();

Checkbox a=new Checkbox("Option A");

a.setBounds(70, 120, 140, 50);

Checkbox b=new Checkbox("Option B");

b.setBounds(70, 160, 140, 50);

Checkbox c=new Checkbox("Option C");

c.setBounds(70, 200, 140, 50);

Button SelectAll= new Button("Select All");

SelectAll.setBounds(70, 70, 100, 30);

Button ClearAll=new Button("Clear All");

ClearAll.setBounds(200, 70, 100, 30);

frame.add(SelectAll);

frame.add(ClearAll);

frame.setSize(400, 350);

ActionListener l=new ActionListener()

{

  @Override

  public void actionPerformed(ActionEvent e)

  {

    if(e.getSource().equals(SelectAll))

    {

      a.setState(true);

      b.setState(true);

      c.setState(true);

    }

    else

    {

      a.setState(false);

      b.setState(false);

      c.setState(false);
```

```
            }
        }
    };
    SelectAll.addActionListener(l);
    ClearAll.addActionListener(l);
    frame.add(a);
    frame.add(b);
    frame.add(c);
  }
}
```