EXTRA PROGRAMS

PROGRAM – 1

INPUT:

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

public class ButtonList extends Frame implements ActionListener
{
    String msg = "";
    Button blist[] = new Button[3];

    public ButtonList()
    {
        setLayout(new FlowLayout());

        Button yes = new Button("Yes");
        Button no = new Button("No");
        Button maybe = new Button("Undecided");

        blist[0] = (Button) add(yes);
        blist[1] = (Button) add(no);
        blist[2] = (Button) add(maybe);

        for(int  i = 0; i < 3 ; i++)
        {
            blist[i].addActionListener(this);
        }

        addWindowListener(new WindowAdapter() {
            public void windowClosing(WindowEvent we) {
                System.exit(0);
            }
        });
    }

    public void actionPerformed(ActionEvent ae)
    {
        for(int i = 0; i < 3; i++)
        {
            if(ae.getSource() == blist[i])
            {
                msg = "You pressed " + blist[i].getLabel();
            }
        }
        repaint();
    }

    public void paint(Graphics g)
    {
        g.drawString(msg, 350, 200);
    }

    public static void main(String[] args)
    {
        ButtonList appwin = new ButtonList();
        appwin.setSize(new Dimension(700, 400));
        appwin.setTitle("ButtonList");
        appwin.setVisible(true);
    }
}
```

OUTPUT:

Yes No Undecided

You pressed Undecided

PROGRAM – 2

INPUT:

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

public class TextFieldDemo extends Frame implements ActionListener
{
    TextField name, pass;

    public TextFieldDemo()
    {
        setLayout(new FlowLayout());

        Label namep = new Label("Name : ", Label.RIGHT);
        Label passp = new Label("Password :", Label.RIGHT);
        name = new TextField(12);
        pass = new TextField(8);
        pass.setEchoChar('*');

        add(namep);
        add(name);
        add(passp);
        add(pass);

        name.addActionListener(this);
        pass.addActionListener(this);

        addWindowListener(new WindowAdapter() {
            public void windowClosing(WindowEvent we) {
                System.exit(0);
            }
        });
    }

    public void actionPerformed(ActionEvent ae)
    {
        repaint();
    }

    public void paint(Graphics g)
    {
        g.drawString("Name : "+name.getText(), 20, 100);
        g.drawString("Selected text in name : "+name.getSelectedText(), 20, 120);
        g.drawString("Password : "+pass.getText(), 20, 140);
    }

    public static void main(String[] args)
    {
        TextFieldDemo appwin = new TextFieldDemo();
        appwin.setSize(new Dimension(380, 180));
        appwin.setTitle("TextFieldDemo");
        appwin.setVisible(true);
    }
}
```

OUTPUT: