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**PRACTICE PROGRAMS:**

**PROGRAM 1:**

**Source Code:**

```
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);
    }
}

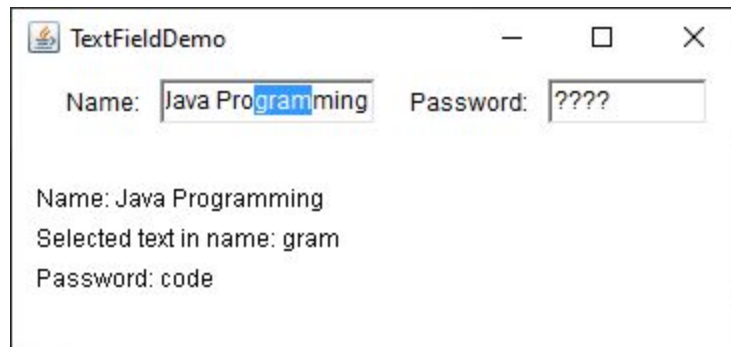
```

### **OUTPUT:**

```

D:\Kusum\III SEMESTER\00J2020>javac TextFieldDemo.java
D:\Kusum\III SEMESTER\00J2020>java TextFieldDemo

```



### **PROGRAM 2:**

#### **SOURCE CODE:**

```

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

public class ButtonDemo extends Frame implements ActionListener{
    String msg="";
    Button yes,no,maybe;
    public ButtonDemo(){
        setLayout(new FlowLayout());
        yes=new Button("Yes");
        no=new Button("No");
        maybe=new Button("Undecided");
        add(yes);
        add(no);
        add(maybe);
        yes.addActionListener(this);
        no.addActionListener(this);
        maybe.addActionListener(this);
        addWindowListener(new WindowAdapter(){
            public void windowClosing(WindowEvent we){
                System.exit(0);
            }
        });
    }
}

```

```

public void actionPerformed(ActionEvent ae){
String str=ae.getActionCommand();
if(str.equals("Yes"))
{
msg="You pressed Yes.";
}
else if(str.equals("No"))
{
msg="You pressed No.";
}
else
{
msg="You pressed Undecided.";
}
repaint();
}
public void paint (Graphics g){
g.drawString(msg,20,100);
}
public static void main(String[] args){
ButtonDemo appwin=new ButtonDemo();
appwin.setSize(new Dimension(250,150));
appwin.setTitle("ButtonDemo");
appwin.setVisible(true);
}
}

```

### OUTPUT:

```

D:\Kusum\III SEMESTER\00J2020>javac ButtonDemo.java
D:\Kusum\III SEMESTER\00J2020>java ButtonDemo

```

