

# **Practice Questions**

Object Orientated Programming through  
Java Lab –  
CSE2016L

**Submitted by:**

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## **Program 1: Wap to make a button using event handling**

### **Code:**

```
import java.awt.*;

import javax.swing.*;

public class Example{

    Example(){

        JFrame a = new JFrame("example");

        JPanel p = new JPanel();

        p.setBounds(40,70,200,200);

        JButton b = new JButton("click
            me");

        b.setBounds(60,50,80,40);

        p.add(b);

        a.add(p);

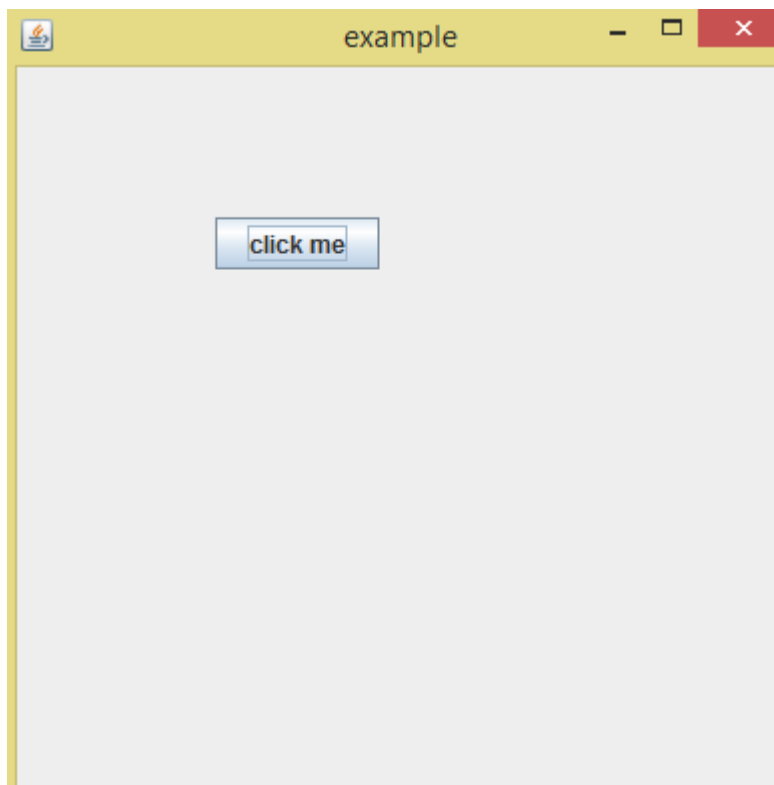
        a.setSize(400,400);

        a.setLayout(null);

        a.setVisible(true);
```

```
}  
public static void main (String  
    args[])  
{  
    new Example();  
}  
}
```

## OUTPUT:



## **Program 2: : Wap to make addition and subtraction using event handling**

### **Code:**

```
import java.awt.*;
import java.awt.event.*;
public class TextFieldExample
    extends Frame implements
    ActionListener{
    TextField tf1,tf2,tf3;
    Button b1,b2;
    TextFieldExample(){
        tf1=new TextField();
        tf1.setBounds(50,50,150,20);
        tf2=new TextField();
        tf2.setBounds(50,100,150,20);
        tf3=new TextField();
        tf3.setBounds(50,150,150,20);
        tf3.setEditable(false);
        b1=new Button("+");
        b1.setBounds(50,200,50,50);
        b2=new Button("-");
        b2.setBounds(120,200,50,50);
        b1.addActionListener(this);
        b2.addActionListener(this);

        add(tf1);add(tf2);add(tf3);add(b1);
        add(b2);
        setSize(300,300);
        setLayout(null);
        setVisible(true);
    }
}
```

```

    }
    public void
    actionPerformed(ActionEvent e) {
        String s1=tf1.getText();
        String s2=tf2.getText();
        int a=Integer.parseInt(s1);
        int b=Integer.parseInt(s2);
        int c=0;
        if(e.getSource()==b1){
            c=a+b;
        }else if(e.getSource()==b2){
            c=a-b;
        }
        String result=String.valueOf(c);
        tf3.setText(result);
    }
    public static void main(String[] args)
    {
        new TextFieldExample();
    }
}

```

## OUTPUT:

