

```
5 import javax.swing.*;
6 import java.awt.*;
7 import java.awt.event.*;
8
9 public class ToolBarTest {
10
11     public ToolBarTest() {
12         final JFrame frame = new JFrame("JToolBar Demo");
13
14         JToolBar toolbar = new JToolBar("Applications");
15
16         JButton btnCalendar = new JButton(new ImageIcon("image/Calendar.png"));
17         btnCalendar.addActionListener(new ActionListener() {
18             public void actionPerformed(ActionEvent e) {
19                 JOptionPane.showMessageDialog(frame, "Calendar clicked");
20             }
21         });
22
23         JButton btnClock = new JButton(new ImageIcon("image/Clock.png"));
24         btnClock.addActionListener(new ActionListener() {
25             public void actionPerformed(ActionEvent e) {
26                 JOptionPane.showMessageDialog(frame, "Clock clicked");
27             }
28         });
29
30         JButton btnContacts = new JButton(new ImageIcon("image/Contacts.png"));
31         btnContacts.addActionListener(new ActionListener() {
32             public void actionPerformed(ActionEvent e) {
33                 JOptionPane.showMessageDialog(frame, "Contact clicked");
34             }
35         });
36
37         JButton btnMail = new JButton(new ImageIcon("image/Mail.png"));
38         btnMail.addActionListener(new ActionListener() {
39             public void actionPerformed(ActionEvent e) {
40                 JOptionPane.showMessageDialog(frame, "Mail clicked");
41             }
42         });
43
44         JButton btnMessages = new JButton(new ImageIcon("image/Messages.png"));
45         btnMessages.addActionListener(new ActionListener() {
46             public void actionPerformed(ActionEvent e) {
47                 JOptionPane.showMessageDialog(frame, "Messages clicked");
48             }
49         });
50
51         JButton btnPhone = new JButton(new ImageIcon("image/Phone.png"));
52         btnPhone.addActionListener(new ActionListener() {
53             public void actionPerformed(ActionEvent e) {
54                 JOptionPane.showMessageDialog(frame, "Phone clicked");
55             }
56         });
57
58         toolbar.add(btnCalendar);
```

```

59     toolbar.add(btnClock);
60     toolbar.add(btnContacts);
61     toolbar.add(btnMail);
62     toolbar.add(btnMessages);
63     toolbar.add(btnPhone);
64
65     frame.setLayout(new BorderLayout());
66     frame.getContentPane().add(toolbar, BorderLayout.PAGE_START);
67     frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
68     frame.setSize(500, 200);
69     frame.setLocationRelativeTo(null);
70
71     frame.setVisible(true);
72 }
73 public static void main(String[] args) {
74     new ToolBarTest();
75 }
76 }

```

