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1 // Class TestEmployeeDM.java
2 // Copyright 2001 ASR Strategic Resources
3 // AITP NCC 2001 Java Competition Event
4 // Java Contest Problem Statement
5 // Design: Don Baldwin & Craig Slinkman PhD
6 // Code: Eugene Wasserman & Don Baldwin
7
8 package test;
9 import dm.*;
10 import hr.Boss;
11 import hr.Employee;
12 import hr.HourlyWorker;
13 import javax.swing.*;
14 import java.awt.BorderLayout;
15 import java.awt.event.*;
16
17
18 public class TestEmployeeDM extends JFrame implements ActionListener {
19     JButton btRun = new JButton("Run Tests");
20     JTextArea jta = new JTextArea();
21
22     public TestEmployeeDM() {
23         super("TestEmployeeDM");
24         addWindowListener(new MainFrameWindowListener());
25         setBounds(100, 100, 600, 400);
26         getContentPane().setLayout(new BorderLayout());
27         getContentPane().add(new JScrollPane(jta), BorderLayout.CENTER);
28         btRun.addActionListener(this);
29         getContentPane().add(btRun, BorderLayout.SOUTH);
30         setVisible(true);
31     }
32 }
33
34 public void actionPerformed(ActionEvent ae) {
35     if(ae.getSource() == btRun)
36         runTest();
37 }
38
39 public static void main(String argv[]) {
40     TestEmployeeDM te = new TestEmployeeDM();
41 }
42
43 private void runTest() {
44
45
46
```

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47
48     jta.append("\n" + "Running tests on dm package...");
49
50     jta.append("\n" + "Finished running tests on dm package.");
51 }
52
53
54 /*
55  * The inner listener class for the window's actions.
56  */
57 private class MainFrameWindowListener implements WindowListener {
58     public void windowOpened(WindowEvent e){}
59     public void windowClosed(WindowEvent e){}
60     public void windowIconified(WindowEvent e){}
61     public void windowDeiconified(WindowEvent e){}
62     public void windowActivated(WindowEvent e){}
63     public void windowDeactivated(WindowEvent e){}
64
65     /**
66      * Called if the user clicks on the close window button or
67      * closes the window in another way.
68      */
69     public void windowClosing(WindowEvent e) {
70         dispose();
71         System.exit(0);
72     }
73 }
74 } // END Class TestEmployeeDM.java
```