**// Fenster mit einem Button Addition Seite 55**

**// Implementierung der Listener**

import java.util.\*;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

**public class View extends JFrame implements WindowListener, ActionListener**

**{**

private GridLayout gridLayout = new GridLayout ( );

private JLabel lbl\_zahl\_1 = new JLabel ( "Zahl\_1");

private JTextField txt\_zahl\_1 = new JTextField ( );

private JLabel lbl\_zahl\_ = new JLabel ("Zahl\_2");

private JTextField txt\_zahl\_2 = new JTextField ( );

private JLabel lbl\_ergebnis = new JLabel ("Ergebnis");

private JTextField txt\_ergebnis = new JTextField ( );

private JButton btn\_addieren = new JButton ("Addiere");

public View ( )

{

viewAufbau ( );

}

private void viewAufbau ( )

{

gridLayout.setRows ( 4 );

gridLayout.setColumns ( 2 );

this.setLayout ( gridLayout );

this.setTitle ("Addition");

add ( lbl\_zahl\_1 );

add ( txt\_zahl\_1 );

add ( lbl\_zahl\_2 );

add ( txt\_zahl\_2 );

add ( lbl\_ergebnis );

add ( txt\_ergebnis );

add ( new Label ( ) );

add ( btn\_addieren );

// ActionListener beim Button registrieren

**// einfuegen**

// WindowListener registrieren

//  **einfuegen**

} // end Viewaufbau

// Implementierte Methode des Interface ActionListener

public void actionPerformed ( ActionEvent e )

{

addieren ( );

}

// Implementierte Methoden des Interface WindowListener

public void windowOpened ( WindowEvent e ) { }

public void windowClosing ( WindowEvent e )

{

this.setVisible ( false );

dispose ( );

System.exit ( 0 );

}

public void windowClosed ( WindowEvent e ){ }

public void windowIconified ( WindowEvent e ) { }

public void windowDeiconified ( WindowEvent e ) { }

public void windowActivated ( WindowEvent e ) { }

public void windowDeactivated ( WindowEvent e ) { }

}

public void addieren ( )

{

// einfügen

}

**public class main\_ein\_button**

**{**

**public static void main(String[] args)**

**{**

View v = new View ( );

v.setLocation ( 500, 300 );

v.pack ( );

v.setVisible ( true );

}

}