**/\* Program No. :-**

**Aim :- WAP to implement a Table in Java Forms.**

**\*/**

class Form12 extends javax.swing.JFrame

{

static int count = 0;

public Form12()

{

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Program 12");

setResizable(false);

getContentPane().setLayout(null);

jLabel1.setText("Name");

getContentPane().add(jLabel1);

jLabel1.setBounds(20, 20, 75, 14);

jLabel2.setText("Roll Number");

getContentPane().add(jLabel2);

jLabel2.setBounds(150, 20, 75, 14);

jLabel3.setText("Age");

getContentPane().add(jLabel3);

jLabel3.setBounds(280, 20, 75, 14);

getContentPane().add(jTextField1);

jTextField1.setBounds(20, 50, 100, 20);

getContentPane().add(jTextField2);

jTextField2.setBounds(150, 50, 100, 20);

getContentPane().add(jTextField3);

jTextField3.setBounds(280, 50, 100, 20);

jTable1.setModel(new javax.swing.table.DefaultTableModel(

new Object [][] {

{null, null, null},

{null, null, null},

{null, null, null},

{null, null, null},

{null, null, null},

{null, null, null},

{null, null, null}

},

new String [] {

"Name", "Roll Number", "Age"

}

));

jScrollPane1.setViewportView(jTable1);

getContentPane().add(jScrollPane1);

jScrollPane1.setBounds(0, 150, 400, 150);

jButton1.setText("Insert");

jButton1.addMouseListener(new java.awt.event.MouseAdapter()

{

public void mouseClicked(java.awt.event.MouseEvent evt)

{

jButton1MouseClicked(evt);

}

});

getContentPane().add(jButton1);

jButton1.setBounds(25, 100, 75, 23);

jButton2.setText("Reset");

jButton2.addMouseListener(new java.awt.event.MouseAdapter()

{

public void mouseClicked(java.awt.event.MouseEvent evt)

{

jButton2MouseClicked(evt);

}

});

getContentPane().add(jButton2);

jButton2.setBounds(150, 100, 75, 23);

jButton3.setText("Exit");

jButton3.addMouseListener(new java.awt.event.MouseAdapter()

{

public void mouseClicked(java.awt.event.MouseEvent evt)

{

jButton3MouseClicked(evt);

}

});

getContentPane().add(jButton3);

jButton3.setBounds(275, 100, 75, 23);

java.awt.Dimension screenSize = java.awt.Toolkit.getDefaultToolkit().getScreenSize();

setBounds((screenSize.width-408)/2, (screenSize.height-344)/2, 408, 344);

}

private void jButton1MouseClicked(java.awt.event.MouseEvent evt)

{

jTable1.setValueAt(jTextField1.getText(), count, 0);

jTable1.setValueAt(jTextField2.getText(), count, 1);

jTable1.setValueAt(jTextField3.getText(), count, 2);

count++;

}

private void jButton2MouseClicked(java.awt.event.MouseEvent evt)

{

jTextField1.setText("");

jTextField2.setText("");

jTextField3.setText("");

}

private void jButton3MouseClicked(java.awt.event.MouseEvent evt)

{

this.dispose();

}

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTable jTable1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

}

public class Prog12

{

public static void main(String[] args)

{

Form12 object = new Form12();

object.show();

}

}

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