

Coding for insert a record

```
private void INSERTActionPerformed(java.awt.event.ActionEvent evt)
{
try    {

        Class.forName("java.sql.Driver");

        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost/menagerie","root","abc");

        Statement stmt=con.createStatement();

        String query = "insert into dept
        values("+jTextField1.getText()+","+jTextField2.getText()+","+jTextField3.getText()+");";

        System.out.print(query);

        stmt.executeUpdate(query);

        stmt.close();

        con.close();

    }
catch(Exception e)
    {

        JOptionPane.showMessageDialog(null, e.getMessage());

    }
}
```

Coding for SHOW Button a record

NOTE : Write the code of empty() After the change of color green i.e. after initComponents

It is used to avoid repetition of records that are displayed when show button is clicked twice.

```
public class connectiv extends javax.swing.JFrame {
```

```
    /** Creates new form connectiv */
```

```
    public connectiv() {
```

```
        initComponents();
```

```
    }
```

```
    public void empty()
```

```
    {
```

```
        DefaultTableModel model = (DefaultTableModel) aa.getModel();
```

```
        int count = model.getRowCount();
```

```
        for(int i=0 ; i <count ;i++){
```

```
            model.removeRow(0);
```

```
        }
```

```
    private void SHOWActionPerformed(java.awt.event.ActionEvent evt)
```

```
    {
```

```
        empty();
```

```
        DefaultTableModel model = (DefaultTableModel) aa.getModel();
```

```
        try
```

```
        {
```

```
            Connection con =
```

```
            DriverManager.getConnection("jdbc:mysql://localhost/menagerie","root","abc");
```

```
            Statement stmt=con.createStatement();
```

```

String st= "select * from dept";
ResultSet rs= stmt.executeQuery(st);
while(rs.next())
{
    String a = rs.getString(1);
    String b = rs.getString(2);
    String c = rs.getString(3);
    model.addRow(new Object[]{a,b,c });
}
rs.close();
stmt.close();
con.close();
}
catch(Exception e)
{
    JOptionPane.showMessageDialog(null, e.getMessage());
}
}

```

Coding for DELETE Button a record

```

private void DELActionPerformed(java.awt.event.ActionEvent evt)
{
    try
    {
        Class.forName("java.sql.Driver");
        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost/menagerie","root","abc");
        Statement stmt=con.createStatement();
        String query = "delete from dept where deptno = "+jTextField1.getText()+";";
    }
}

```

```
        System.out.print(query);

        stmt.executeUpdate(query);

        stmt.close();

        con.close();

    }

    catch(Exception e)

    {

        JOptionPane.showMessageDialog(null, e.getMessage());

    }

}
```

Coding for Search Button a record

```
DefaultTableModel model = (DefaultTableModel) aa.getModel();

    try
    {
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost/menagerie","root","abc");

        Statement stmt=con.createStatement();

        String st= "select * from dept where deptno = 10";

        ResultSet rs= stmt.executeQuery(st);

        while(rs.next())
        {
            rs.previous();

            if(rs.next())
            {
                String a = rs.getString(1);

                String b = rs.getString(2);

                String c = rs.getString(3);

                model.addRow(new Object[]{a,b,c });

            }

        }

        rs.close();

        stmt.close();

        con.close();

    }

    catch(Exception e)
    {

        JOptionPane.showMessageDialog(null, e.getMessage());

    }
}
```