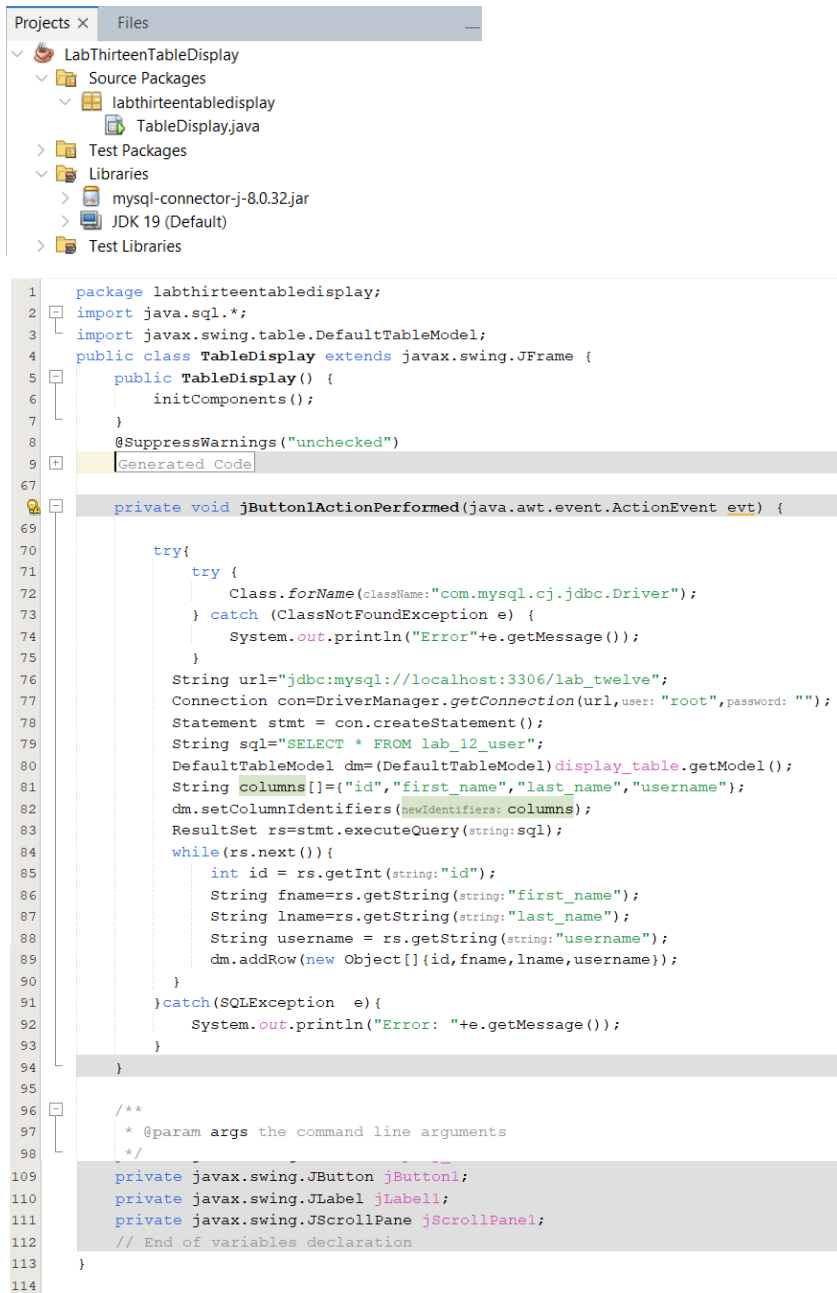


Appendix:



The screenshot shows an IDE with a project named 'LabThirteenTableDisplay'. The project structure is as follows:

- LabThirteenTableDisplay
 - Source Packages
 - labthirteentabledisplay
 - TableDisplay.java
 - Test Packages
 - Libraries
 - mysql-connector-j-8.0.32.jar
 - JDK 19 (Default)
 - Test Libraries

The code in 'TableDisplay.java' is as follows:

```
1 package labthirteentabledisplay;
2 import java.sql.*;
3 import javax.swing.table.DefaultTableModel;
4 public class TableDisplay extends javax.swing.JFrame {
5     public TableDisplay() {
6         initComponents();
7     }
8     @SuppressWarnings("unchecked")
9     Generated Code
67 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
68
69     try{
70         try {
71             Class.forName(className:"com.mysql.cj.jdbc.Driver");
72         } catch (ClassNotFoundException e) {
73             System.out.println("Error"+e.getMessage());
74         }
75     }
76     String url="jdbc:mysql://localhost:3306/lab_twelve";
77     Connection con=DriverManager.getConnection(url,user: "root",password: "");
78     Statement stmt = con.createStatement();
79     String sql="SELECT * FROM lab_12_user";
80     DefaultTableModel dm=(DefaultTableModel)display_table.getModel();
81     String columns[]={ "id", "first_name", "last_name", "username" };
82     dm.setColumnIdentifiers(newIdentifiers: columns);
83     ResultSet rs=stmt.executeQuery(string:sql);
84     while(rs.next()){
85         int id = rs.getInt(string:"id");
86         String fname=rs.getString(string:"first_name");
87         String lname=rs.getString(string:"last_name");
88         String username = rs.getString(string:"username");
89         dm.addRow(new Object[] {id,fname,lname,username});
90     }
91 } catch (SQLException e){
92     System.out.println("Error: "+e.getMessage());
93 }
94 }
95
96 /**
97  * @param args the command line arguments
98  */
99
100 private javax.swing.JButton jButton1;
101 private javax.swing.JLabel jLabel1;
102 private javax.swing.JScrollPane jScrollPane1;
103 // End of variables declaration
104 }
```

Output:

—

□

×

User Data

id	first name	last name	username

Load Data

User Data			
id	first_name	last_name	username
1	Md	Khan	noor
2	Anish	Dangol	aneusdongal
3	prithvi	ghatani	ghatani123
4	yubraj	adhikari	yube007
5	saijat	bajracharya	saijat001