Database System: I used Microsoft SQL

Programming Language: Java, JavaFX + Scene builder Github

Link: https://github.com/Comet9029/487-Sunlab

Database Images:

Logging into SQL server

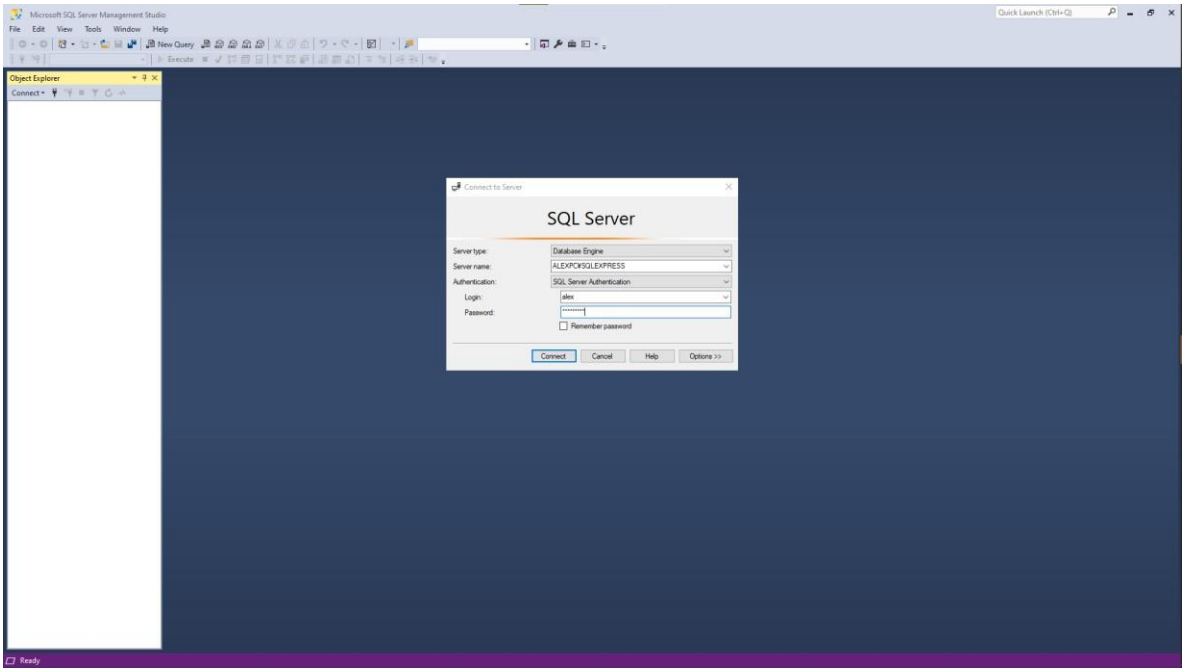
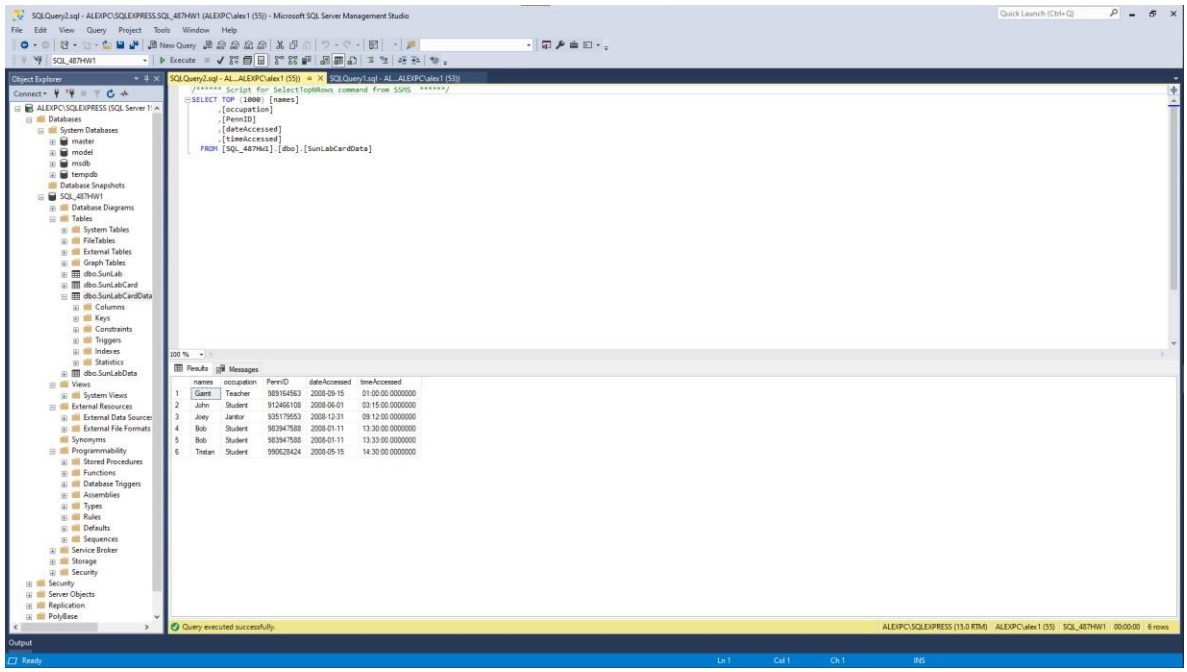
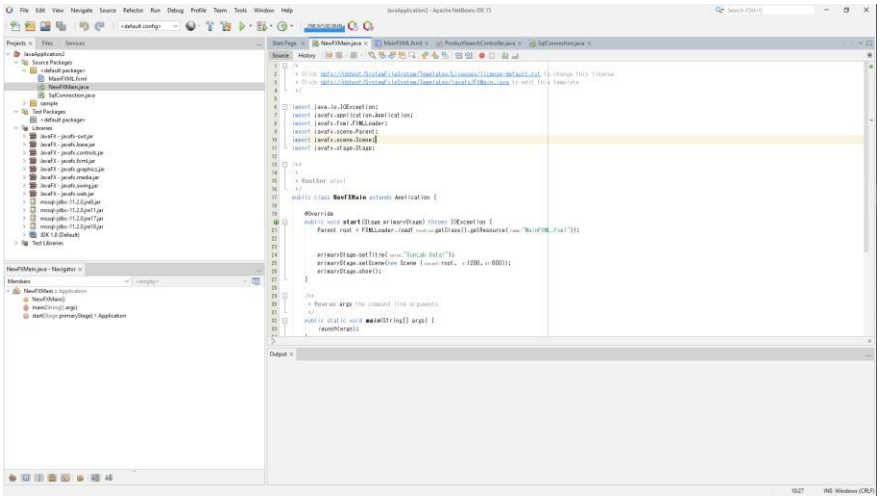
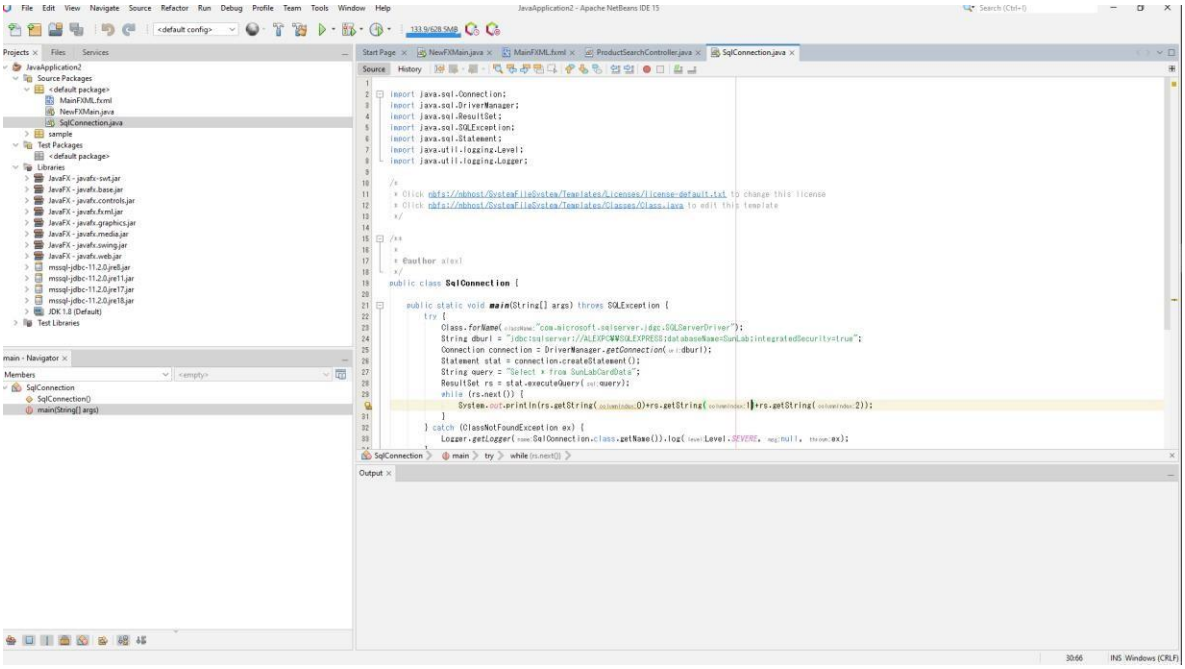


Table:

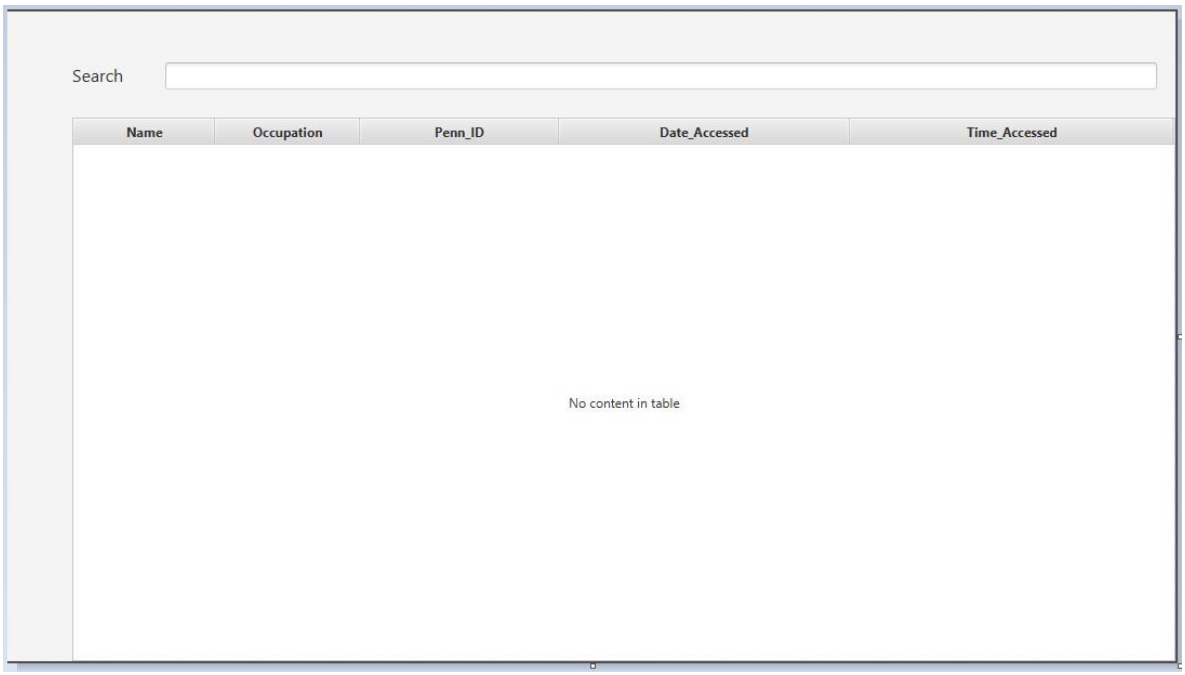
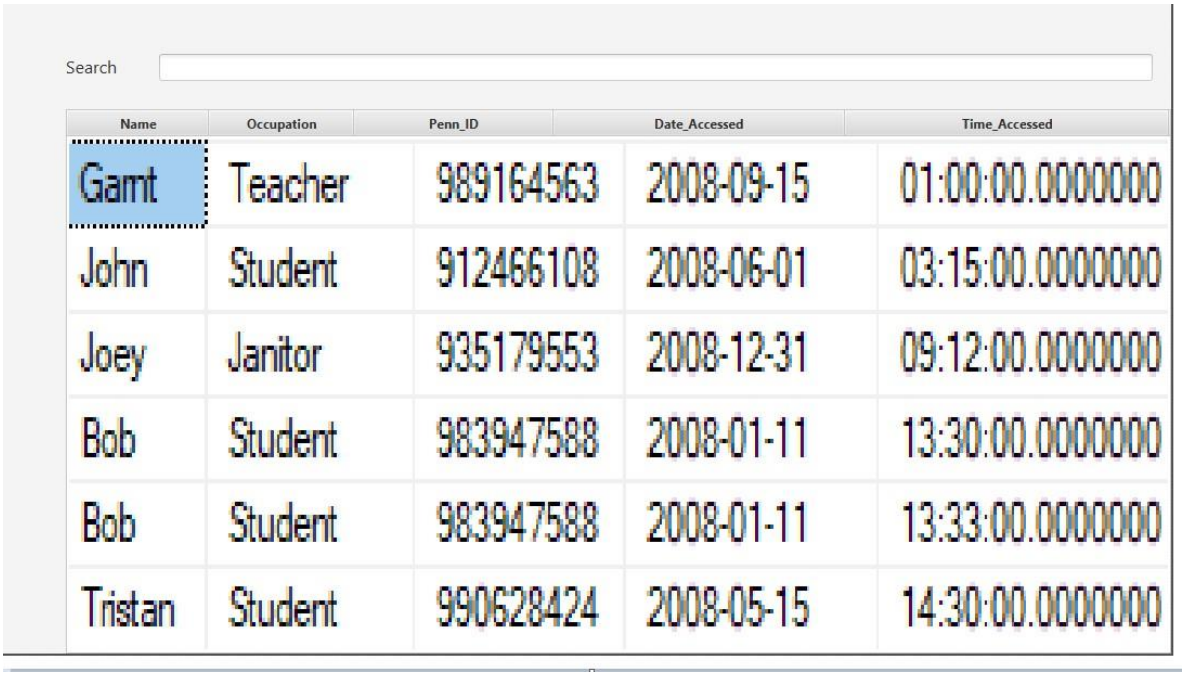


Java Code:




File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JavaApplication2 - Apache NetBeans IDE 15
Projects
Files
Services
JavaApplication2
Source Packages
<default package>
MainFXML.fxml
NewFXMain.java
SqlConnection.java
sample
Test Packages
Libraries
JavaFX - javafx-swt.jar
JavaFX - javafx.base.jar
JavaFX - javafx.controls.jar
JavaFX - javafx.fxml.jar
JavaFX - javafx.graphics.jar
JavaFX - javafx.media.jar
JavaFX - javafx.swing.jar
JavaFX - javafx.web.jar
mssql-jdbc-11.2.0.jre8.jar
mssql-jdbc-11.2.0.jre11.jar
mssql-jdbc-11.2.0.jre17.jar
mssql-jdbc-11.2.0.jre18.jar
JDK 1.8 (Default)
Test Libraries
main - Navigator
Members
SqlConnection
SqlConnection()
main(String[] args)
Start Page
NewFXMain.java
MainFXML.fxml
ProductSearchController.java
SqlConnection.java
Source
History
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
/*
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
*/
/**
*
* @author alexl
*/
public class SqlConnection {
public static void main(String[] args) throws SQLException {
try {
Class.forName("com.microsoft.sqlserver.jdbc.SQLServerDriver");
String dburl = "jdbc:sqlserver://ALEXPC\\MSSQLEXPRESS:databaseName=SunLab;integratedSecurity=true";
Connection connection = DriverManager.getConnection(dburl);
Statement stat = connection.createStatement();
String query = "Select * from SunLabCardData";
ResultSet rs = stat.executeQuery(query);
while (rs.next()) {
System.out.println(rs.getString(0)+rs.getString(1)+rs.getString(2));
}
} catch (ClassNotFoundException ex) {
Logger.getLogger(SqlConnection.class.getName()).log(Level.SEVERE, null, ex);
SqlConnection
main
try
while (rs.next())
Output
30:66
INS Windows (CRLF)

When run the code opens this table



It should look like this