

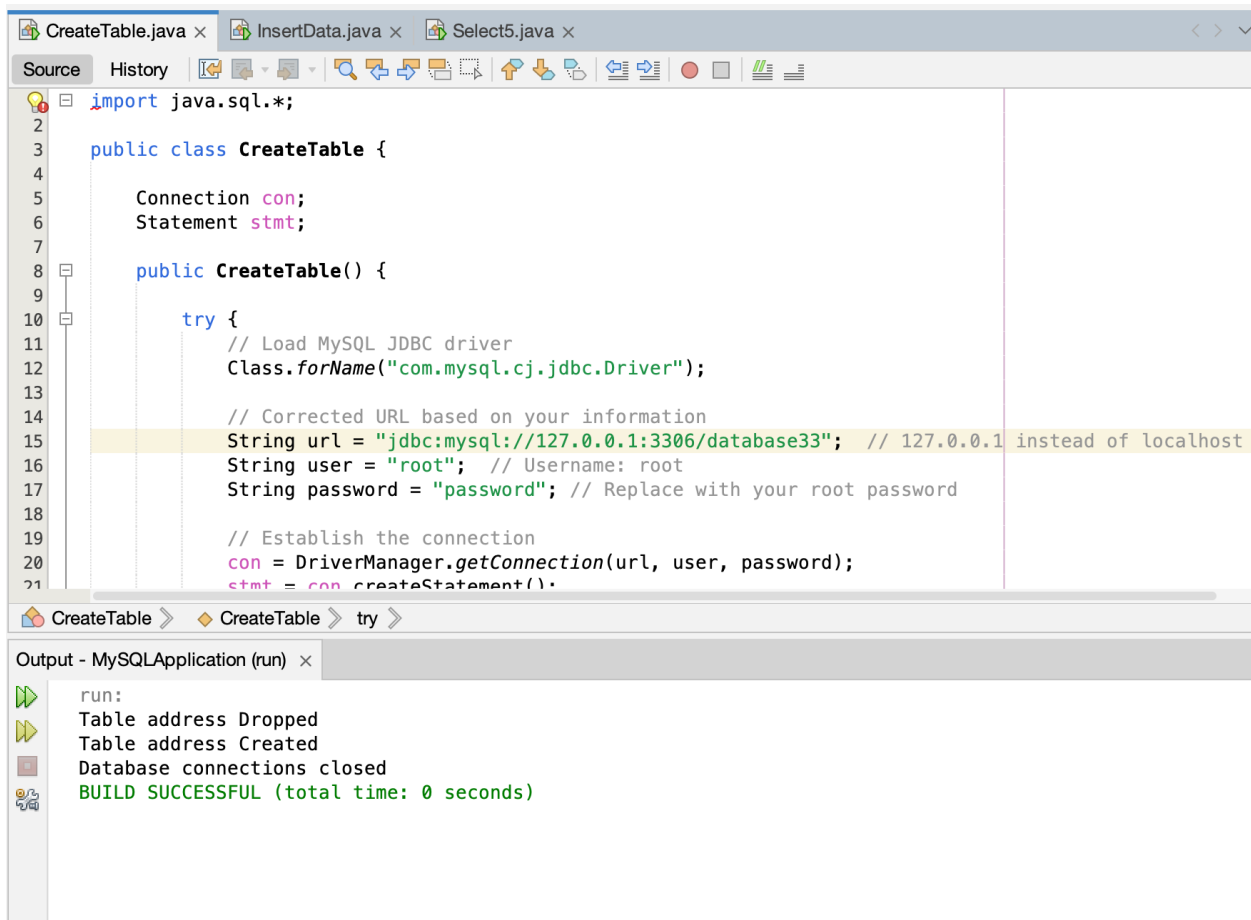
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Module 9 Assignment

CSD 420

5.4.25

Screenshot #1: Create Table

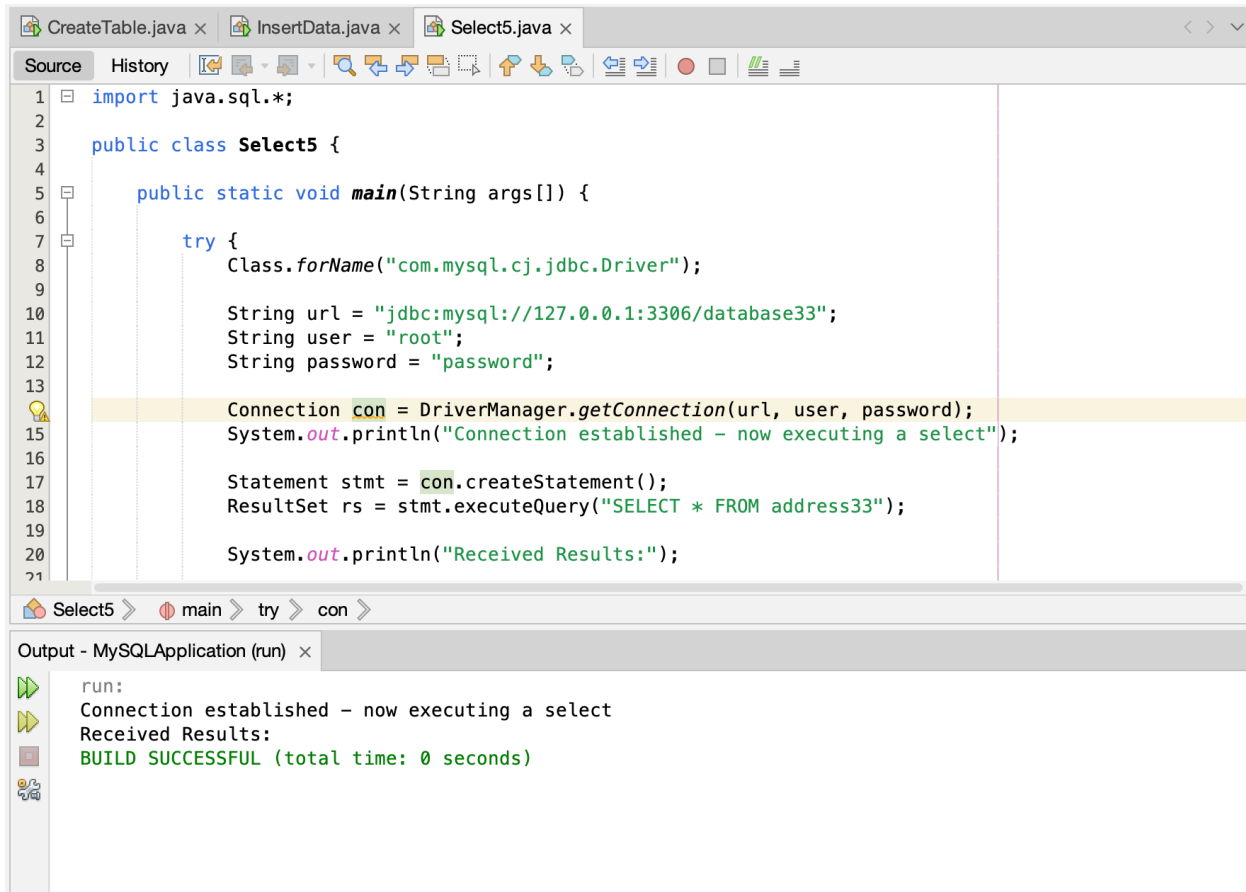


```
1 import java.sql.*;
2
3 public class CreateTable {
4
5     Connection con;
6     Statement stmt;
7
8     public CreateTable() {
9
10        try {
11            // Load MySQL JDBC driver
12            Class.forName("com.mysql.cj.jdbc.Driver");
13
14            // Corrected URL based on your information
15            String url = "jdbc:mysql://127.0.0.1:3306/database33"; // 127.0.0.1 instead of localhost
16            String user = "root"; // Username: root
17            String password = "password"; // Replace with your root password
18
19            // Establish the connection
20            con = DriverManager.getConnection(url, user, password);
21            stmt = con.createStatement();
```

Output - MySQLApplication (run) ×

```
run:
Table address Dropped
Table address Created
Database connections closed
BUILD SUCCESSFUL (total time: 0 seconds)
```

Screenshot #2: Select5



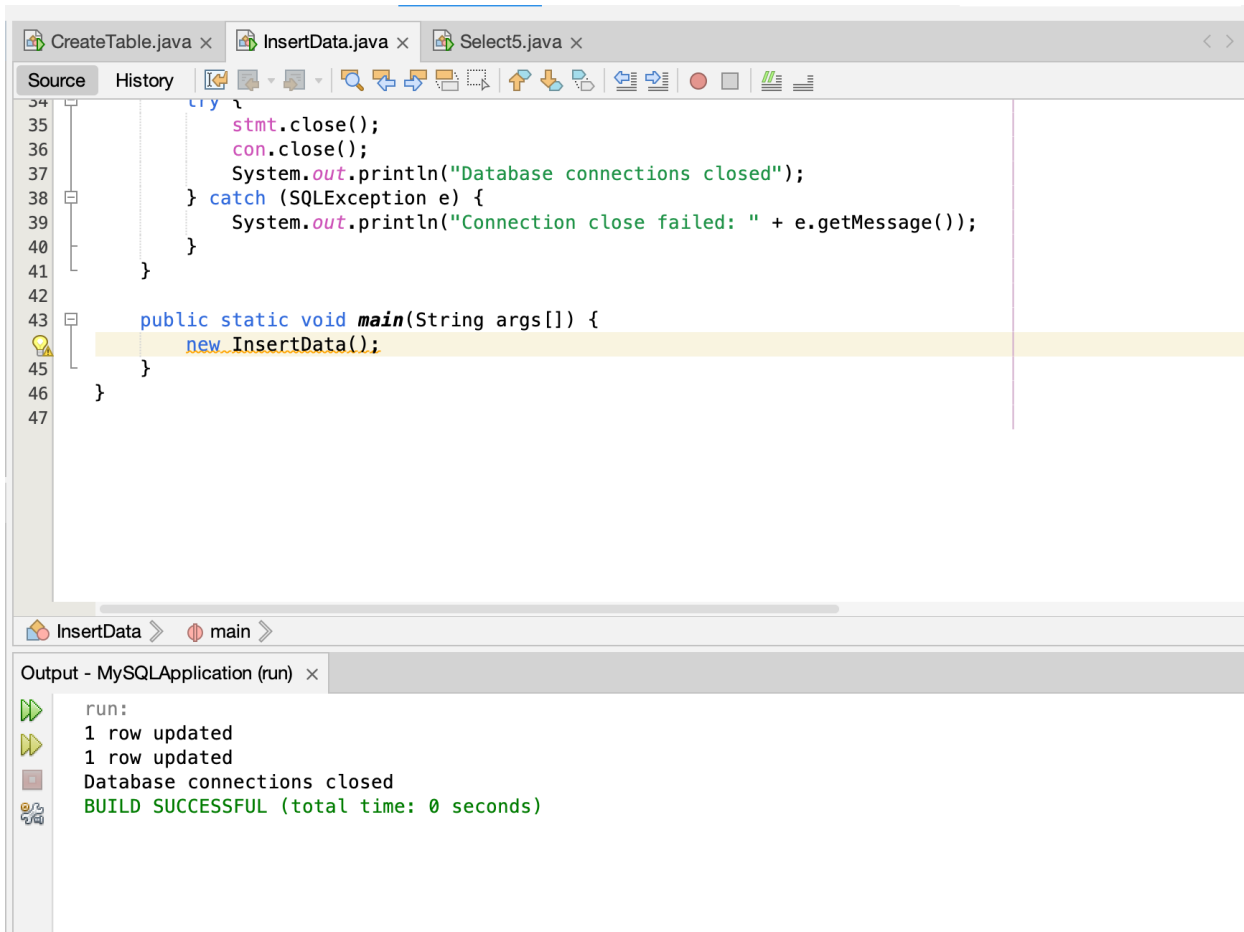
The screenshot shows an IDE with three tabs: CreateTable.java, InsertData.java, and Select5.java. The Select5.java tab is active, displaying the following Java code:

```
1 import java.sql.*;
2
3 public class Select5 {
4
5     public static void main(String args[]) {
6
7         try {
8             Class.forName("com.mysql.cj.jdbc.Driver");
9
10            String url = "jdbc:mysql://127.0.0.1:3306/database33";
11            String user = "root";
12            String password = "password";
13
14            Connection con = DriverManager.getConnection(url, user, password);
15            System.out.println("Connection established - now executing a select");
16
17            Statement stmt = con.createStatement();
18            ResultSet rs = stmt.executeQuery("SELECT * FROM address33");
19
20            System.out.println("Received Results:");
21        }
22    }
23 }
```

The code is executed, and the output is shown in the Output - MySQLApplication (run) window:

```
run:
Connection established - now executing a select
Received Results:
BUILD SUCCESSFUL (total time: 0 seconds)
```

Screenshot #3: Insert Data



The screenshot shows an IDE with three tabs: CreateTable.java, InsertData.java (active), and Select5.java. The InsertData.java file contains the following code:

```
34 try {
35     stmt.close();
36     con.close();
37     System.out.println("Database connections closed");
38 } catch (SQLException e) {
39     System.out.println("Connection close failed: " + e.getMessage());
40 }
41 }
42
43 public static void main(String args[]) {
44     new InsertData();
45 }
46 }
47
```

The IDE's output window, titled "Output - MySQLApplication (run)", shows the following output:

```
run:
1 row updated
1 row updated
Database connections closed
BUILD SUCCESSFUL (total time: 0 seconds)
```