

Screenshots:

Login and showing Databases and User:

```
Windows PowerShell
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Jonah> cd "C:\mysql-5.7.44-win32\bin"
>> .\mysql -u root -p
>>
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.7.44 MySQL Community Server (GPL)

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owners.

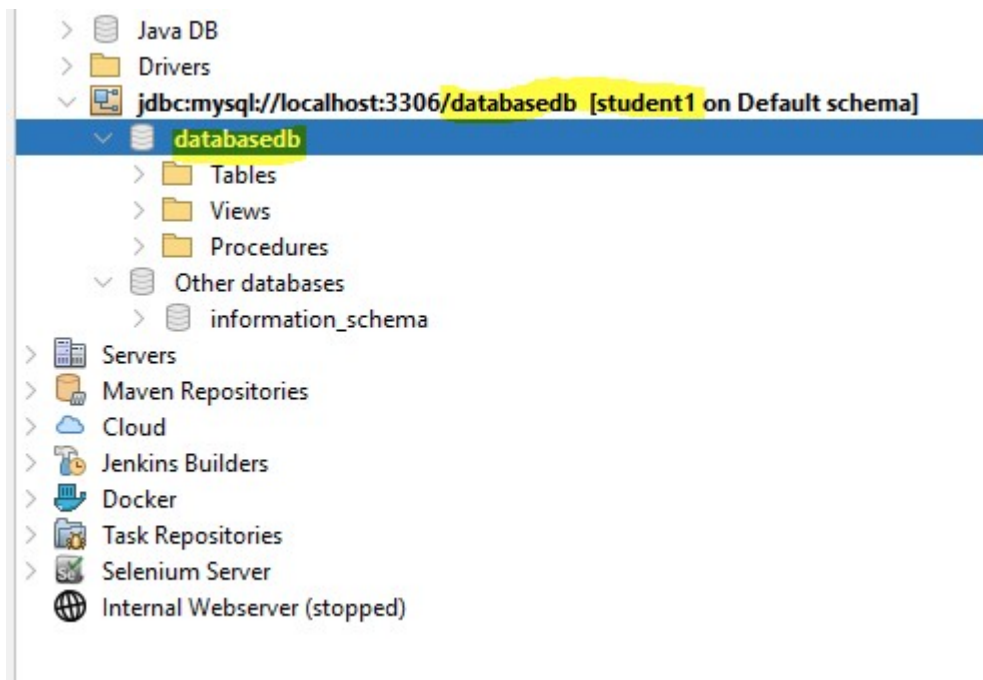
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;SELECT User, Host FROM mysql.user;
+-----+
| Database |
+-----+
| information_schema |
| databasedb |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.02 sec)

+-----+-----+
| User | Host |
+-----+-----+
| mysql.session | localhost |
| mysql.sys | localhost |
| root | localhost |
| student1 | localhost |
+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

Database connection in NetBeans:



Running CreateTable.java

The screenshot shows an IDE with four tabs: AneyDBTest.java, CreateTable.java, InsertData.java, and Select5.java. The 'Source' tab is active, displaying the code for CreateTable.java. The code includes a multi-line comment at the top, followed by imports for java.net.URL and java.sql.*. The main class is CreateTable, which has a constructor. Inside the constructor, there is a try-catch block. The try block contains code to load the MySQL driver, set the URL to 'jdbc:mysql://localhost:3306/databasedb?', connect with 'user=student1' and 'password=pa', and create a statement. The catch block catches any exceptions. Below the code editor is an 'Output' window. It shows the execution of 'csd-420' and 'AneyDBTest (run)'. The output text is: 'run:', 'Table address Dropped', 'Table address Created', 'Database connections closed', and 'BUILD SUCCESSFUL (total time: 0 seconds)'.

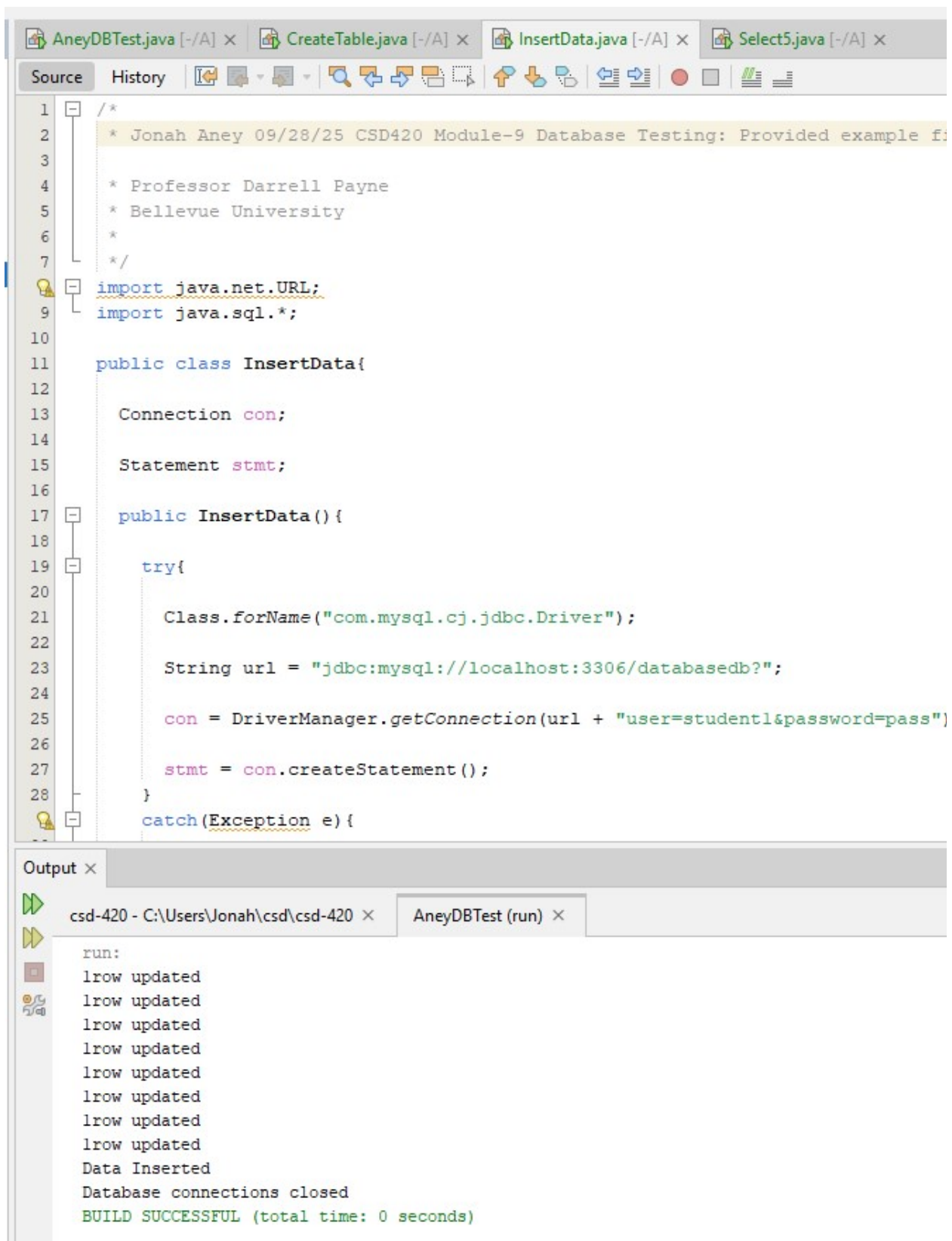
```
1  /*
2      * Jonah Aney 09/28/25 CSD420 Module-9 Database Testing: Provided example
3
4      * Professor Darrell Payne
5      * Bellevue University
6      *
7      */
8
9  import java.net.URL;
10 import java.sql.*;
11
12 public class CreateTable{
13
14     Connection con;
15
16     Statement stmt;
17
18     public CreateTable() {
19
20         try{
21
22             Class.forName("com.mysql.cj.jdbc.Driver");
23
24             String url = "jdbc:mysql://localhost:3306/databasedb?";
25
26             con = DriverManager.getConnection(url + "user=student1&password=pa
27
28             stmt = con.createStatement();
29         }
30         catch(Exception e){
```

Output ×

csd-420 - C:\Users\Jonah\csd\csd-420 × AneyDBTest (run) ×

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

Running InsertData.java:



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

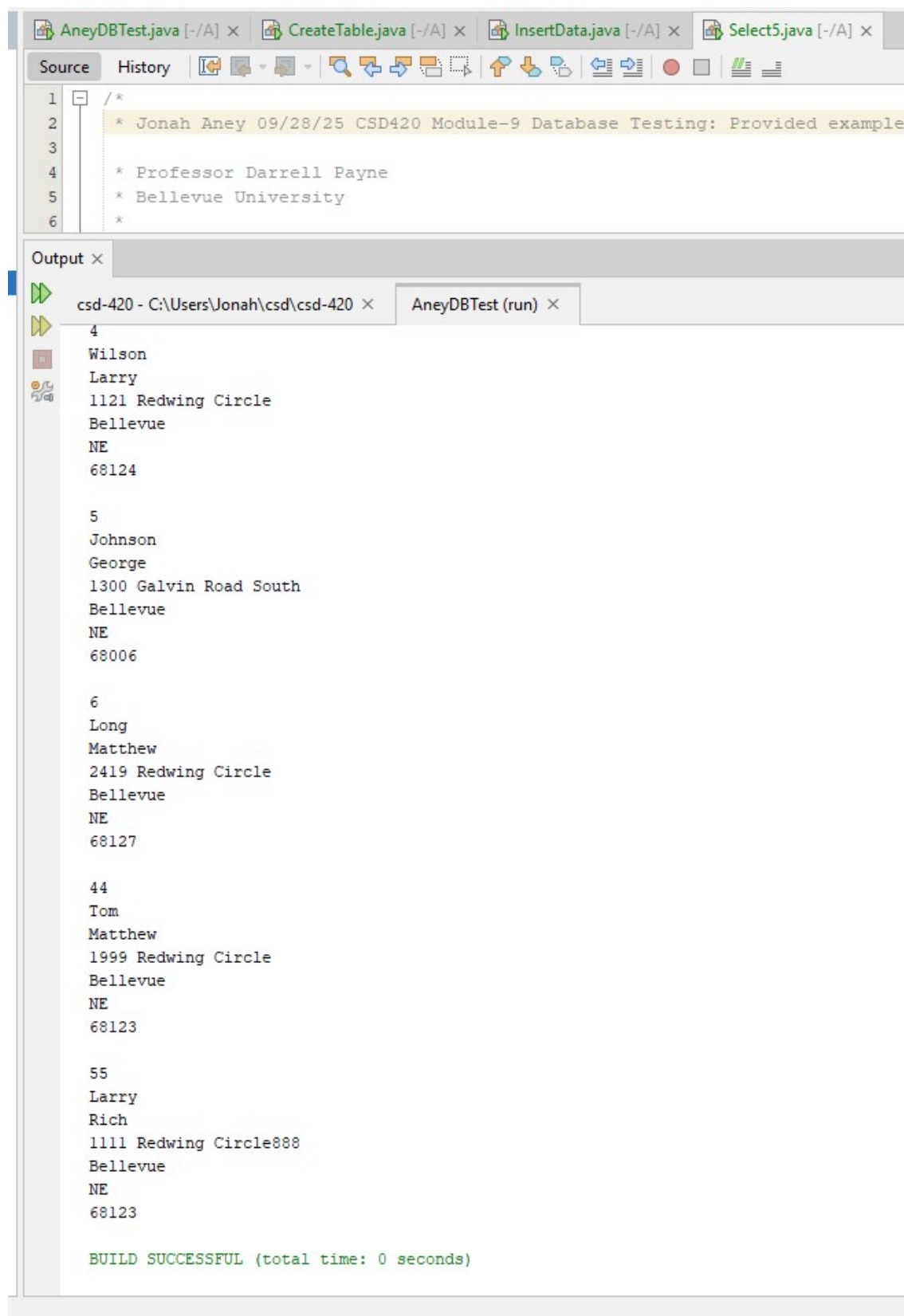
```
1  /*
2      * Jonah Aney 09/28/25 CSD420 Module-9 Database Testing: Provided example f
3
4      * Professor Darrell Payne
5      * Bellevue University
6      *
7      */
8
9  import java.net.URL;
10 import java.sql.*;
11
12 public class InsertData{
13
14     Connection con;
15
16     Statement stmt;
17
18     public InsertData(){
19
20         try{
21
22             Class.forName("com.mysql.cj.jdbc.Driver");
23
24             String url = "jdbc:mysql://localhost:3306/databasedb?";
25
26             con = DriverManager.getConnection(url + "user=student1&password=pass")
27
28             stmt = con.createStatement();
29
30         }
31         catch (Exception e){
32
33         }
34     }
35 }
```

The Output window shows the following text:

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

Jonah Aney 09/28/25 CSD420 Module-9: Programming Assignment

Running Select5.java:



The screenshot shows an IDE with four tabs: AneyDBTest.java, CreateTable.java, InsertData.java, and Select5.java. The 'Source' tab is active, displaying a Java file with a multi-line comment. Below the source code, the 'Output' window shows the execution results of 'AneyDBTest (run)'. The output lists four records, each with a line number, a name, a street address, a city, a state abbreviation, and a ZIP code. The records are for Wilson, Johnson, Long, and Tom. The output concludes with 'BUILD SUCCESSFUL (total time: 0 seconds)'.

```
1  /*  
2      * Jonah Aney 09/28/25 CSD420 Module-9 Database Testing: Provided example  
3  
4      * Professor Darrell Payne  
5      * Bellevue University  
6      *  
Output x  
csd-420 - C:\Users\Jonah\csd\csd-420 x AneyDBTest (run) x  
4  
Wilson  
Larry  
1121 Redwing Circle  
Bellevue  
NE  
68124  
  
5  
Johnson  
George  
1300 Galvin Road South  
Bellevue  
NE  
68006  
  
6  
Long  
Matthew  
2419 Redwing Circle  
Bellevue  
NE  
68127  
  
44  
Tom  
Matthew  
1999 Redwing Circle  
Bellevue  
NE  
68123  
  
55  
Larry  
Rich  
1111 Redwing Circle888  
Bellevue  
NE  
68123  
  
BUILD SUCCESSFUL (total time: 0 seconds)
```