SIMULATION

```java
 8
 9  public class DataStructure {
10      public static void main(String[] args) {
11
12          String url = "jdbc:mysql://localhost:3306/db_zabala";
13          String username = "root";
14          String password = "";
15
16          String query = "SELECT * FROM tb_zabala";
17
18          try {
19
20              Connection connection = DriverManager.getConnection(url, username, password);
21
22              Statement statement = connection.createStatement();
23
24              ResultSet resultSet = statement.executeQuery(query);
25
26              while (resultSet.next()) {
27                  int id = resultSet.getInt("id");
28                  String name = resultSet.getString("name");
29                  String sex = resultSet.getString("sex");
30
31                  System.out.println("ID: " + id + ", Name: " + name + ", Sex: " + sex);
32              }
33
34              resultSet.close();
35              statement.close();
36              connection.close();
```

Console — `<terminated> DataStructure [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Sep 29, 2024, 1:36:12 PM – 1:36:14 PM) [pid: 9260]`

```
ID: 12300, Name: Mengvi, Sex: F
```

LECTURE_03_SETTING UP DEV ENVIRONMENT

```java
 1  package com.java.dsa;
 2
 3  import java.sql.Connection;
 4
 5
 6
 7  public class SettingUpDevEnvironment {
 8
 9      private static final String url = "jdbc:mysql://localhost:3306/db_zabala";
10      private static final String user = "root";
11      private static final String password = "";
12
13      public static void main(String[] args) {
14
15          try {
16              Connection connection = DriverManager.getConnection(url, user, password);
17
18              System.out.println("Connection Successful!");
19
20              connection.close();
21
22          } catch(SQLException e) {
23              e.printStackTrace();
24          }
25
26      }
27
28  }
29
```

Console — `<terminated> SettingUpDevEnvironment [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Oct 9, 2024, 11:01:47 AM – 11:01:48 AM) [pid: 15108]`

```
Connection Successful!
```