Program No. 9: Write a database application that uses any JDBC driver.

1.JAVA CODE=>

```java
import java.sql.*;

public class JDBCExample {
  public static void main(String[] args) {
    String url = "jdbc:mysql://localhost:3306/testdb";
    String user = "root"; // Change to your MySQL username
    String password = "Nitin@9099"; // Change to your MySQL password

    try (Connection conn = DriverManager.getConnection(url, user, password);
       Statement stmt = conn.createStatement()) {

      // Insert Data
      stmt.executeUpdate("INSERT INTO users (name, email) VALUES ('Nitin Selukar', 'nitin@example.com')");
      stmt.executeUpdate("INSERT INTO users (name, email) VALUES ('Kishor Selukar', 'kishor@example.com')");

      // Fetch Data
      ResultSet rs = stmt.executeQuery("SELECT * FROM users");
      while (rs.next()) {
```

```java
                System.out.println("ID: " + rs.getInt("id") +

                        ", Name: " + rs.getString("name") +

                        ", Email: " + rs.getString("email"));

            }


        } catch (SQLException e) {

            e.printStackTrace();

        }

    }

}
```

> ➤ **Save this file as JDBCExample.java**

2.MYSQL CODE=>

```sql
CREATE DATABASE testdb;

USE testdb;

CREATE TABLE users (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(100),
    email VARCHAR(100)
);
```
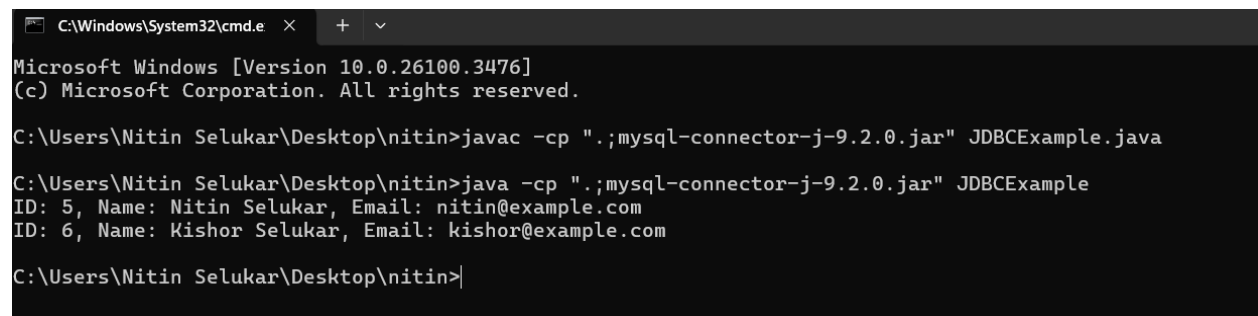
➢ **Save the same as testdb.sql**

3. put the jar file of JDBC On same folder

4.on cmd comple this =>   javac -cp ".;mysql-connector-j-9.2.0.jar" JDBCExample.java

5.on cmd run this =>   java -cp ".;mysql-connector-j-9.2.0.jar" JDBCExample

OUTPUT=>

```
C:\Windows\System32\cmd.e    ×    +    ∨

Microsoft Windows [Version 10.0.26100.3476]
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C:\Users\Nitin Selukar\Desktop\nitin>javac -cp ".;mysql-connector-j-9.2.0.jar" JDBCExample.java

C:\Users\Nitin Selukar\Desktop\nitin>java -cp ".;mysql-connector-j-9.2.0.jar" JDBCExample
ID: 5, Name: Nitin Selukar, Email: nitin@example.com
ID: 6, Name: Kishor Selukar, Email: kishor@example.com

C:\Users\Nitin Selukar\Desktop\nitin>
```