

MODERN APPLICATION DEVELOPMENT

JAVA SPRING BOOT

WEEK-3 ASSIGNMENT

NAME : NISHANTH MEGAN K

REG NO : 20MIS0368

JDBC Code:

```
import java.sql.*;

public class Database {

    public static void main(String[] args) {

        String url = "jdbc:mysql://localhost:3306/database";
        String username = "root";
        String password = "Nishanth@2001";

        Connection connection = null;

        try {

            Class.forName("com.mysql.cj.jdbc.Driver");
            connection = DriverManager.getConnection(url, username, password);
            Statement statement = connection.createStatement();
            ResultSet resultSet = statement.executeQuery("SELECT * FROM customers");

            //FOR TABLE "CUSTOMERS"
            System.out.println("\nTABLE - CUSTOMERS");
            System.out.println("-----");

            while (resultSet.next()) {

                int customerid = resultSet.getInt("customerID");
                String fname = resultSet.getString("firstname");
```

```

        String lname = resultSet.getString("lastname");
        String email = resultSet.getString("email");
        String phone = resultSet.getString("Phone");

        System.out.println(customerid+" "+fname+" "+lname+" "+email+" "+phone);
    }
    resultSet.close();
    statement.close();

    //FOR TABLE "ORDERS"
    Statement statement1 = connection.createStatement();
    ResultSet resultSet1 = statement1.executeQuery("SELECT * FROM orders");

    System.out.println("\nTABLE - ORDERS");
    System.out.println("-----");
    while (resultSet1.next()) {
        int orderid = resultSet1.getInt("orderID");
        int customerid = resultSet1.getInt("customerID");
        String orderdate = resultSet1.getString("orderdate");
        int totalamount = resultSet1.getInt("totalamount");
        int productid = resultSet1.getInt("productID");

        System.out.println(orderid+" "+customerid+" "+orderdate+" "+totalamount+"
"+productid);
    }
    resultSet1.close();
    statement1.close();
}
catch (Exception e) {
    System.out.println(e);
    e.printStackTrace();
}

```

```
}  
finally {  
    if (connection != null) {  
        try {  
            connection.close();  
        }  
        catch (SQLException e) {  
            e.printStackTrace();  
        }  
    }  
}  
}  
}
```