Objective

State workshop objectives is use JDBCTemplate to query a MySQL database

Setup

a. Create a Git repository for this project
b. Generate a SpringBoot application and include the following dependencies:
    i.   Spring Boot Dev Tools
    ii.   Spring Web
    iii. Thymeleaf
    iv.   JDBC API
    v.   MySQL Connector Java
    vi.   JSON-P

Workshop

Task 1

Create the given database (northwind) and load the data from the SQL files.

Create a new user (non root) and give the user access to the northwind database

Task 2

Configure the SpringBoot to use this database. Add the configurations to `application.properties` file

Task 3

Write REST controller(s) to process the following HTTP requests

- Get a list of all customers

```
GET /api/customers
Accept: application/json
```

This HTTP endpoint supports the following parameters
- `offset` - return the first result from n records from the first; n is the number given by `offset` parameter
- `limit` - return the number of records specified by `limit`

The default value for `offset` is 0 and `limit` is 5.

- Get the details of a customer with the customer's id

```
GET /api/customer/<customer_id>
Accept: application/json
```

Return a 404 and an appropriate error object if the customer does not exist

- Get all orders for a customer

```
GET /api/customer/<customer_id>/orders
Accept: application/json
```

This endpoint returns an array of orders in JSON. If the customer does not have any orders, the endpoint should return an empty array

Return a 404 and an appropriate error object if the customer does not exist.

Submission

Push your code to your repository when you have completed your work