

Objective

State workshop objectives is to insert a record into a table with foreign key constraints. The workshop will also use joins to retrieve various management reports.

Setup

- a. Ensure that you have Northwind database installed in your MySQL server. Create a separate database user for accessing Northwind. Do not use MySQL root user.
- b. Generate a SpringBoot application and include the following dependencies:
 - i. SpringBoot Dev Tools
 - ii. Spring Web
 - iii. Thymeleaf
 - iv. JDBC API
 - v. MySQL Connector Java
 - vi. JSOP-P

Workshop

Write a HTML form to search for the **total price of an order** and the discount that was given. When a user enters an order number, send the following HTTP request is made to the SpringBoot backend

```
GET /order/total/<order_id>
Accept: text/html
```

The Spring Boot application returns the following details

- Order id
- Order date – `order_date`
- Customer id – `customer_id`
- Total – price of the order
 - Computed from `order_details – quantity * unit_price * discount`
- Cost price
 - Computed from `products – quantity * standard_cost`

Return an appropriate error message if the order is not found