

Additional Issue #1

```
89 public double getTotal(Long orderId) {
90     try (Connection connection = DBUtils.getInstance().getConnection());
91         PreparedStatement statement = connection.prepareStatement("SELECT items.company, items.product, items.price,
92 ordered_items.quantity FROM ordered_items JOIN items ON items.id = ordered_items.item_id WHERE order_id = ?"); {
93         statement.setLong(1, orderId);
94         ResultSet resultSet = statement.executeQuery();
95         ArrayList<OrderedItem> items = new ArrayList<OrderedItem>();
96         double total = 0.0;
97         while (resultSet.next()) {
98             items.add(modelOIFromResultSet(resultSet));
99         }
100         for (OrderedItem oi : items) {
101             total += oi.getPrice();
102         }
103         return total;
104     } catch (SQLException e) {
105         LOGGER.debug(e);
106         LOGGER.error(e.getMessage());
107     }
108     return 0.0;
109 }
```

```
21
22
23 @Override
24 public Order modelFromResultSet(ResultSet resultSet) throws SQLException {
25     Long id = resultSet.getLong("id");
26     Long customerId = resultSet.getLong("customer_id");
27     String orderedOn = resultSet.getString("ordered_on");
28     String [] dateArr = orderedOn.split("-", 0);
29     int year = Integer.parseInt(dateArr[0]);
30     int month = Integer.parseInt(dateArr[1]);
31     int date = Integer.parseInt(dateArr[2]);
32
33     return new Order(id, customerId, LocalDate.of(year, month, date));
34 }
35
36
37 public OrderedItem modelOIFromResultSet(ResultSet resultSet) throws SQLException {
38     String company = resultSet.getString("items.company");
39     String product = resultSet.getString("items.product");
40     double price = resultSet.getDouble("items.price");
41     int quantity = resultSet.getInt("ordered_items.quantity");
42     return new OrderedItem(company, product, price, quantity);
43 }
44
```

```
1 package com.qa.ims.persistence.domain;
2
3 public class OrderedItem {
4
5     private Long id;
6     private String company;
7     private String product;
8     private double price;
9     private int quantity;
10
11     public OrderedItem(Long id, String company, String product, double price, int quantity) {
12         this.id = id;
13         this.company = company;
14         this.product = product;
15         this.price = price;
16         this.quantity = quantity;
17     }
18
19     public OrderedItem(String company, String product, double price, int quantity) {
20         this.company = company;
21         this.product = product;
22         this.price = price;
23         this.quantity = quantity;
24     }
25
26     public Long getId() {
27         return this.id;
28     }
29
30     public void setId(Long newId) {
31         this.id = newId;
32     }
33
34     public String getCompany() {
35         return company;
36     }
37 }
```