



Figure 1

From the Customers and Orders table given in Figure 1.

Write the Entities, Repositories, Services, DTOs, and Rest Controllers classes according to the following requirements:

- Every end-point must start with `/api/your student id`, e.g. `/api/63100500001/orders`
- No need to write import or spring-boot configuration statements.

Design and write programs to create end-points for serving the following REST APIs.

1. Orders Listing with pagination, with output format for each order as follows **(15 points)**

```
{
  "orderNumber" : "10100",
  "orderDate" : "2003-01-13",
  "status" : "Shipped",
  "customer" : "103-Schmitt Carine".    ← customerNumber-customerFirstName customerLastName
}
```

2. Create New Order **(5 points)**
 3. Update Order **(10 points)**
 4. Delete all Orders of a specified Customer **(10 points)**
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