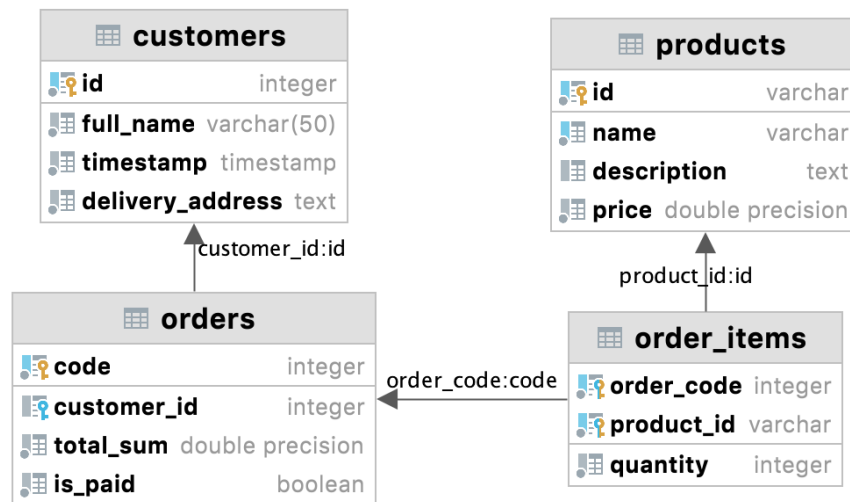


Laboratory work 2

Please write your answers to the pdf file for defence:

1. Explain the difference between DDL and DML, give the following examples:
 - a. at least 3 DDL commands;
 - b. at least 4 DML commands.
2. Write SQL statements to create tables in the figure below:



grey circle - not null, blue column - unique; quantity, total_sum, price > 0

3. Write SQL statements describing tables with appropriate **data types** and **constraints** satisfying the following conditions(*maybe you need additional tables to store data **atomically** and **efficiently***):
 - a. a students table storing data such as full name, age, birth date, gender, average grade, information about yourself, the need for a dormitory, additional info.
 - b. an instructors table storing data such as full name, speaking languages, work experience, the possibility of having remote lessons.
 - c. a lesson participants table storing data such as lesson title, teaching instructor, studying students, room number.
4. Give examples of insertion, update and deletion of data on tables from exercise 2.