Laboratory work. 2.

1. Difference between DDL and DML

The main difference between DDL and DML is that DDL helps to change the structure of the database, while DML helps to manage the data in the database.

- a. DDL commands create, drop, alter.
- b. DML insert, update, delete, select.
- 2. Write SQL statements to create tables:
 - 1. CREATE TABLE customers (

id integer DRIMARY KEY,

full-name varchar (50) NOT NULL,

timestamp timestamp NOT NULL,

delivery-address text NOT NULL.

);

```
2. CREATE TABLE orders (
      code integer PRIMARY KEY,
      castomer_id integer references customers (id),
     total_sum double precision NOT NULL CHECK (total_sum
   is-paid boolean NOT NULL
3. CREATE TABLE products (
     id varchar PRIMARY KEY,
    name varchar NOT NULL,
     description text,
     price double precision NOT NULL CHECK (price >0)
4. CREATE TABLE ordez_items (
     order code integer references orders (code),
     product-id varchar references products (id),
    quantity integer CHECK (quantity >0),
```

4. Give examples of insertion, update, and deletion of data on tables from ex.2.

INSERT INTO customers

VALUES (208, 'full-name', '23.09.2021 17:30 'Almaty');

UPDATE orders

SET is paid = false

where code = ' nhoboe rucho!

DELETE FROM customers WHERE id=1;