DDL commands affect an entire database or table, but DML commands affect one or more records in a table. 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) create table department
              (dept_name_varchar(20),
              building varchar (15),
              budget numeric (12,2),
              primary key (dept name));
       drop table department;
       alter table department drop column building;
   b) delete from department where dept name = 'Finance';
       insert into department values ('Finance', 'block C', '3000');
       insert into department (dept_name, budget) values ('HR', '2000');
       update department set dept_name = 'Finance' where dept_name = 'Management';
2
create table customers(
id int.
full_name varchar(50) not null,
timestamp timestamp not null,
delivery_address text not null,
primary key (id));
create table orders(
code integer primary key,
customer id integer references customers(id),
total_sum double precision not null,
is paid boolean not null,
check (total_sum>);
create table products(
id varchar primary key,
name varchar not null unique,
description text,
price double precision not null,
check (price > 0));
create table order_items(
order_code integer references orders(code),
product_id varchar references products(id),
quantity integer not null,
primary key(order_code, product_id));
a) create table students(
  full_name text primary key,
```

```
age int(3) not null check(age>0),
  birth_date date not null,
  gender char(1) not null,
  avg_grd double precision not null check(avg_grd>=0.00 and avg_grd<=4.00),
  info abt yourself text,
  dorm boolean not null,
  add_info text
);
b) create table instructors(
  full_name text primary key,
  speak_lang text,
  work_exp text,
  possib_remote_lessons boolean not null
);
   c) create table participants(
  lesson_title text not null,
  teach_instruct text not null references instructors(full_name),
  stud_students text not null references students(full_name),
  room_num smallint not null
);
4
Insert into products values('1', 'Paper', 'Paper A4', '12.55');
Update products set name ='Pencil' where name='Paper';
Delete from products where id = '1';
```