

Laboratory work 2.

1.Explain the difference between DDL and DML, give the following examples:

Data Definition Language is used to define data structures. It creates database schema and can define some constraints.

Data Manipulation Language is used to manipulate data itself. It works with rows(tuples).

a. at least 3 DDL commands;

1) CREATE DATABASE my_preferences;

2) CREATE TABLE singers (

Id INT(8) PRIMARY KEY,

Name VARCHAR(20) NOT NULL

);

3) ALTER TABLE singers ADD COLUMN songs VARCHAR(30) NOT NULL;

4) DROP DATABASE my_preferences;

b. at least 4 DML commands.

- 1) SELECT * FROM singers;
- 2) INSERT INTO singers (name, songs) VALUES ('Mount',
 'Around The World');
- 3) DELETE FROM singers WHERE name = 'Mount';
- 4) UPDATE singers SET name = 'Aria' WHERE songs = 'Around
 The World';