Postgresql

-pgadmin4

Mysql

-xammp

Plsql

-oracle developer

Database -> online shop

Tables

Users

Attributes

Id -> attribute name

Attribute type(int,string,text,date)

Products

Sales

Online shop

Entities

Users

Id (1,2,3,4,5),

FirstName

LastName

Age

Products

Sales

Создание таблицы

**CREATE** **TABLE** [**IF** **NOT** **EXISTS**] table\_name (

column1 datatype(**length**) column\_contraint,

column2 datatype(**length**) column\_contraint,

column3 datatype(**length**) column\_contraint,

table\_constraints

);

create table if not exists users\_data(

id int primary key,

first\_name text,

last\_name text,

age int

);

Внесение данных

**INSERT** **INTO** table\_name(column1, column2, …)

**VALUES** (value1, value2, …);

insert into users\_data(id, first\_name, last\_name, age) values (1, 'yerassyl', 'tleugazy', 19);

insert into users\_data(id, first\_name, last\_name, age) values (2, 'yerassyl2', 'tleugazy2', 123);

insert into users\_data(id, first\_name, last\_name, age) values (3, 'yerassyl3', 'tleugazy3', 31);

insert into users\_data(id, first\_name, last\_name, age) values (4, 'yerassyl4', 'tleugazy4', 232);

Вывод данных

**SELECT**

select\_list

**FROM**

table\_name;

select id, first\_name, last\_name, age from users\_data;

Удаление таблицы

drop table users\_data;

Where

select \* from users\_data where id = 1;

select \* from users\_data where first\_name='yerassyl';

select \* from users\_data where first\_name='yerassyl' and age = 19;

select \* from users\_data where age <= 123;

select \* from users\_data where first\_name = 'yerassyl' or first\_name='yerassyl2'

select \* from users\_data where first\_name in ('yerassyl', 'yerassyl2');

select \* from users\_data where first\_name not in ('yerassyl', 'yerassyl2');

select \* from users\_data where first\_name != 'yerassyl' and first\_name!='yerassyl2'

Update

**UPDATE** table\_name

**SET** column1 = value1,

column2 = value2,

...

**WHERE** condition;

update users\_data set first\_name='kirito213', last\_name='232' where id=4;

Delete rows

delete from users\_data where id=5;