**SQL**

**Практика 5**

**Бурлаченко Єгор**

**Завдання:**

create database VUZ;

use VUZ;

create table teacher ( kod\_rfafedru int not null, name\_teacher char(50) null, birthday date null, dataname date null, data\_hire date null, dolgnost varchar(50) null, salary money null, rise money null);

use VUZ;

INSERT INTO teacher (kod\_rfafedru, name\_teacher, birthday, data\_hire, dolgnost, salary)

VALUES (15, 'John Smoke', '1995-01-01', '2023-10-01', 'Math teacher', 1500);

INSERT INTO teacher (kod\_rfafedru, name\_teacher, birthday, data\_hire, dolgnost, salary)

VALUES (12, 'Kevin Maddison', '1995-10-01', '2020-04-15', 'Eng teacher', 1200);

INSERT INTO teacher (kod\_rfafedru, name\_teacher, birthday, data\_hire, dolgnost, salary)

VALUES (10, 'Vin Son', '1990-12-01', '2018-11-12', 'IT teacher', 2200);

INSERT INTO teacher (kod\_rfafedru, name\_teacher, birthday, data\_hire, dolgnost, salary)

VALUES (12, 'Dana Maddison', '1992-10-01', '2022-10-12', 'Eng teacher', 1200);

SELECT \* FROM teacher WHERE dolgnost = 'Math teacher';

SELECT \* FROM teacher WHERE dolgnost = 'Eng teacher' AND salary > 1500;

SELECT AVG(salary) AS avg\_salary FROM teacher;

SELECT COUNT(\*) AS teacher\_count FROM teacher WHERE birthday < '1990-01-01';

SELECT MAX(salary) AS max\_salary, MIN(salary) AS min\_salary FROM teacher;

SELECT CASE WHEN EXISTS (SELECT \* FROM teacher WHERE kod\_rfafedru = 15) THEN 'Так' ELSE 'Ні' END AS teacher\_exists;