Lab 13:

SQL Query:

* CREATE DATABASE db13;

USE db13;

* CREATE TABLE Employees (

emp\_id INT PRIMARY KEY,

NAME VARCHAR(100),

department VARCHAR(50),

salary INT

);

* CREATE TABLE Departments (

dept\_id INT PRIMARY KEY,

dept\_name VARCHAR(50)

);

* INSERT INTO Employees (emp\_id, NAME, department, salary) VALUES

(1, 'Jonah Pulice', 'Initiator', 50000),

(2, 'Trent Cairns', 'Initiator', 60000),

(3, 'Jacob Batio', 'Controller', 55000),

(4, 'Nathan Orf', 'Sentinal', 70000),

(5, 'Alexander Mor', 'Duelist', 62000),

(6, 'Peter Beley', 'Coach', 80000);

* INSERT INTO Departments (dept\_id, dept\_name) VALUES

(1, 'Initiator'),

(2, 'Duelist'),

(3, 'Controller'),

(4, 'Sentinal'),

(5, 'Coach'),

(6, 'Flex');

* SELECT NAME

FROM Employees

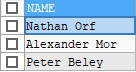
WHERE salary > ALL (

SELECT salary

FROM Employees

WHERE department = 'Initiator'

);



* SELECT NAME

FROM Employees

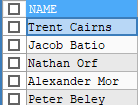
WHERE salary > ANY (

SELECT salary

FROM Employees

WHERE department = 'Initiator'

);



* SELECT NAME

FROM Employees

WHERE department IN (

SELECT department

FROM Employees

WHERE NAME = 'Nathan Orf'

);



* SELECT dept\_name

FROM Departments D

WHERE NOT EXISTS (

SELECT \*

FROM Employees E

WHERE E.department = D.dept\_name

);

