Nama : Agung Kusaeri

NIM : 201351005

Kelas : IF Pagi A

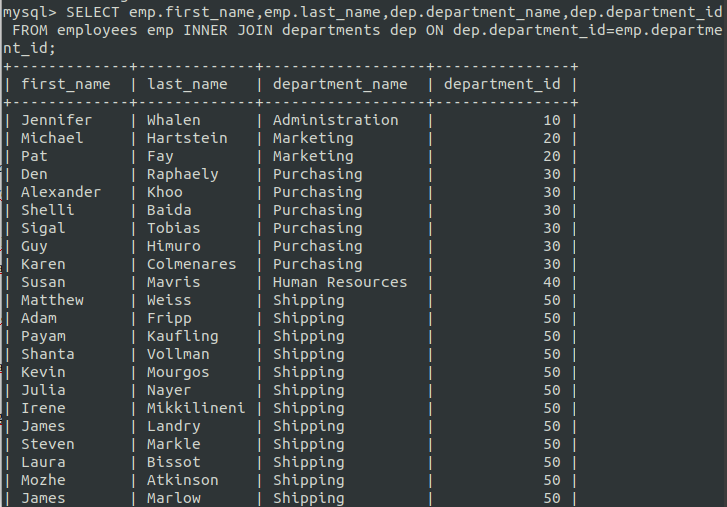
Mata Kuliah : Pemrograman Basis Data

Tugas Pertemuan : 11

1. Tampilkan first name, last name, department number, dan department name untuk setiap karyawan.

Jawab:

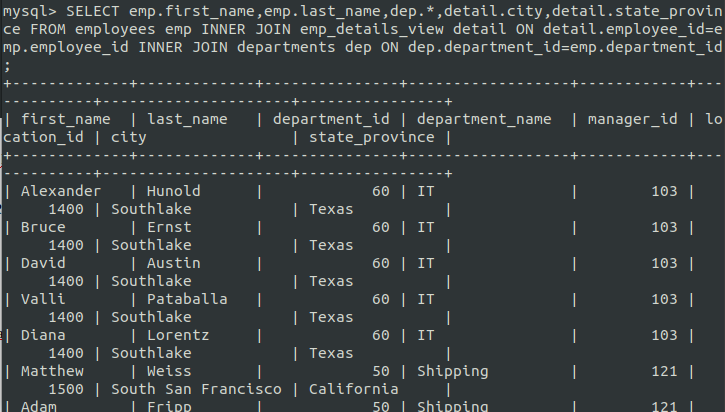
*SELECT emp.first\_name,emp.last\_name,dep.department\_name,dep.department\_id FROM employees emp INNER JOIN departments dep ON dep.department\_id=emp.department\_id;*

**

1. Tampilkan first name, last name, department, city, dan state province untuk setiap karyawan.

Jawab:

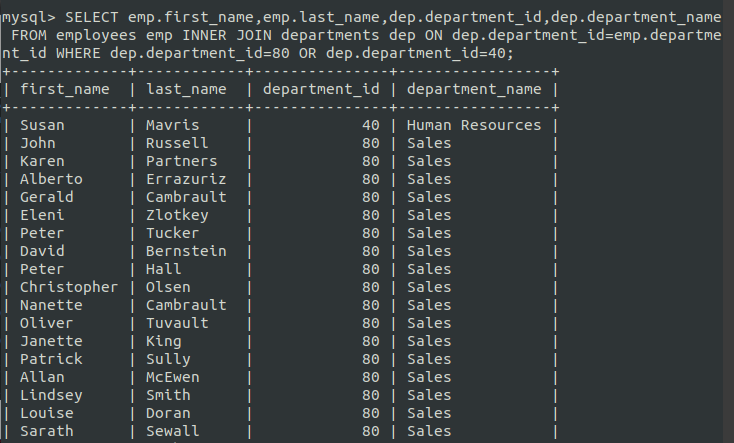
*SELECT emp.first\_name,emp.last\_name,dep.\*,detail.city,detail.state\_province FROM employees emp INNER JOIN emp\_details\_view detail ON detail.employee\_id=emp.employee\_id INNER JOIN departments dep ON dep.department\_id=emp.department\_id;*

**

1. Tampilkan first name, last name, department number dan department name, semua karyawan yang bekerja di departments nomor 80 atau 40.

Jawab:

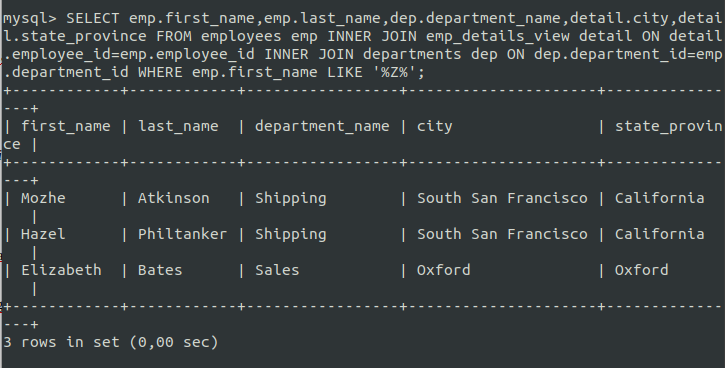
*SELECT emp.first\_name,emp.last\_name,dep.department\_id,dep.department\_name FROM employees emp INNER JOIN departments dep ON dep.department\_id=emp.department\_id WHERE dep.department\_id=80 OR dep.department\_id=40;*

**

1. Tampilkan first name, last name, department name, city, dan state province pada karyawan yang memiliki huruf Z pada first name nya.

Jawab:

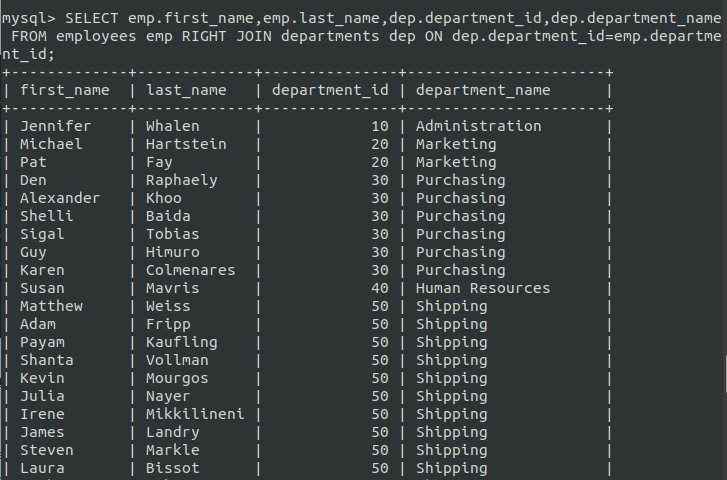
*SELECT emp.first\_name, emp.last\_name, dep.department\_name, detail.city, detail.state\_province FROM employees emp INNER JOIN emp\_details\_view detail ON detail.employee\_id=emp.employee\_id INNER JOIN departments dep ON dep.department\_id=emp.department\_id WHERE emp.first\_name LIKE '%Z%';*

**

1. Tampilkan first name, last name, department id dan department name untuk semua nama department termasuk yang tidak meiliki karyawan.

Jawab:

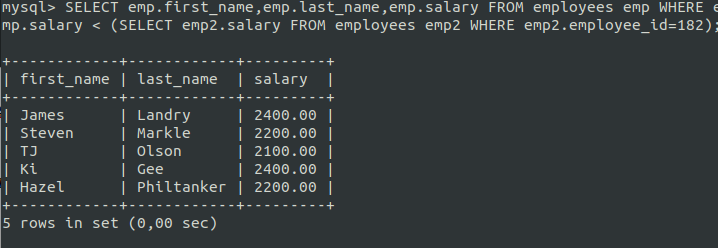
*SELECT emp.first\_name,emp.last\_name,dep.department\_id,dep.department\_name FROM employees emp RIGHT JOIN departments dep ON dep.department\_id=emp.department\_id;*

**

1. Tampilkan first name, last name dan salary karyawan yang memiliki salary kurang dari karyawan nomor 182.

Jawab:

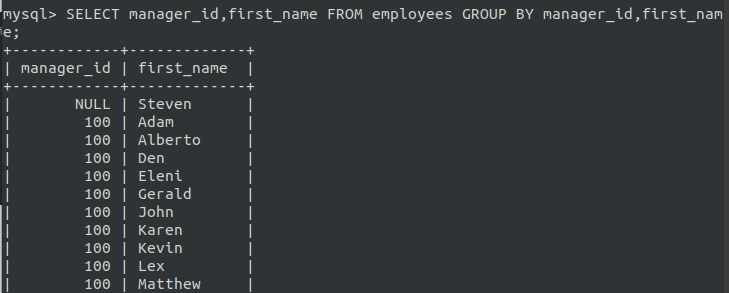
*SELECT emp.first\_name,emp.last\_name,emp.salary FROM employees emp WHERE emp.salary < (SELECT emp2.salary FROM employees emp2 WHERE emp2.employee\_id=182);*

**

1. Tampilkan first name seluruh karyawan dan first name dari setiap managernya.

Jawab:

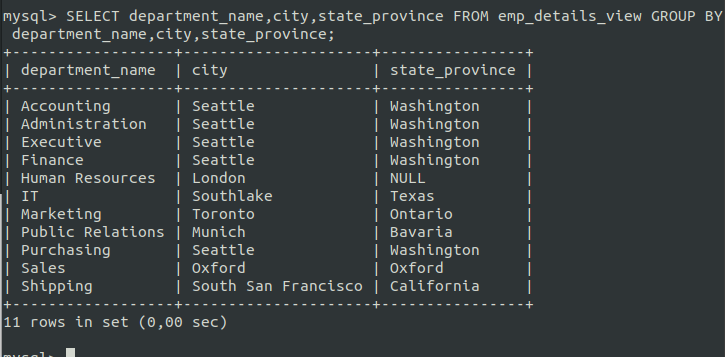
*SELECT manager\_id,first\_name FROM employees GROUP BY manager\_id,first\_name;*

**

1. Tampilkan department name, city, dan state province setiap department.

Jawab:

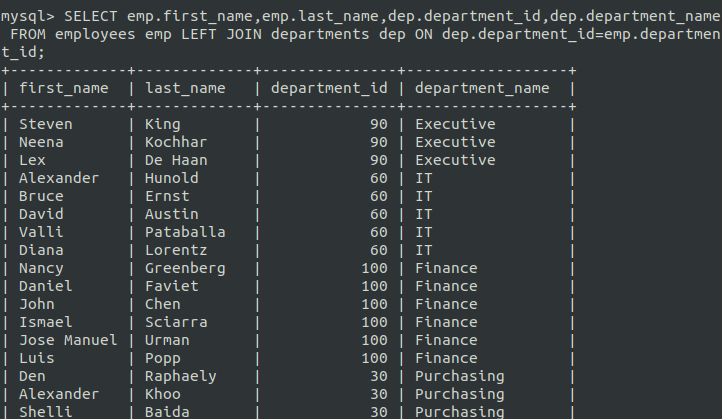
*SELECT department\_name,city,state\_province FROM emp\_details\_view GROUP BY department\_name,city,state\_province;*

**

1. Tampilkan first name, last name, department number dan nama department, untuk seluruh karyawan yang memiliki atau tidak memiliki department.

Jawab:

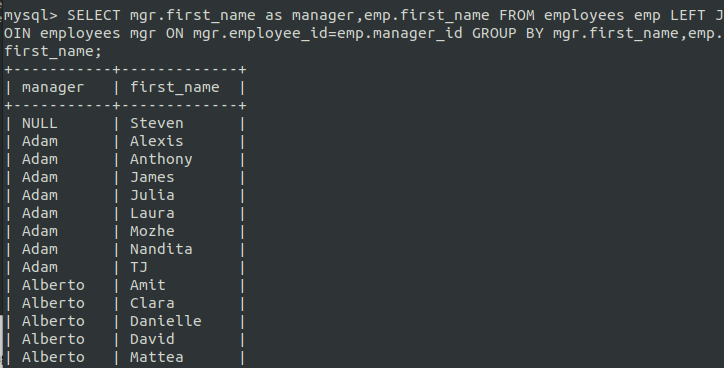
*SELECT emp.first\_name,emp.last\_name,dep.department\_id,dep.department\_name FROM employees emp LEFT JOIN departments dep ON dep.department\_id=emp.department\_id*

**

1. Tampilkan first name seluruh karyawan dan first name manager nya termasuk yang memiliki atau tidak memiliki manager.

Jawab:

*SELECT mgr.first\_name as manager,emp.first\_name FROM employees emp LEFT JOIN employees mgr ON mgr.employee\_id=emp.manager\_id GROUP BY mgr.first\_name,emp.first\_name;*

**

*Informasi:*

Hasil Screenshoot tidak semuanya utuh dari awal sampai akhir, dikarenakan datanya terlalu banyakm jadi saya screenshoot sebagian datanya saja.