**Postgresql db operation Assigment:**

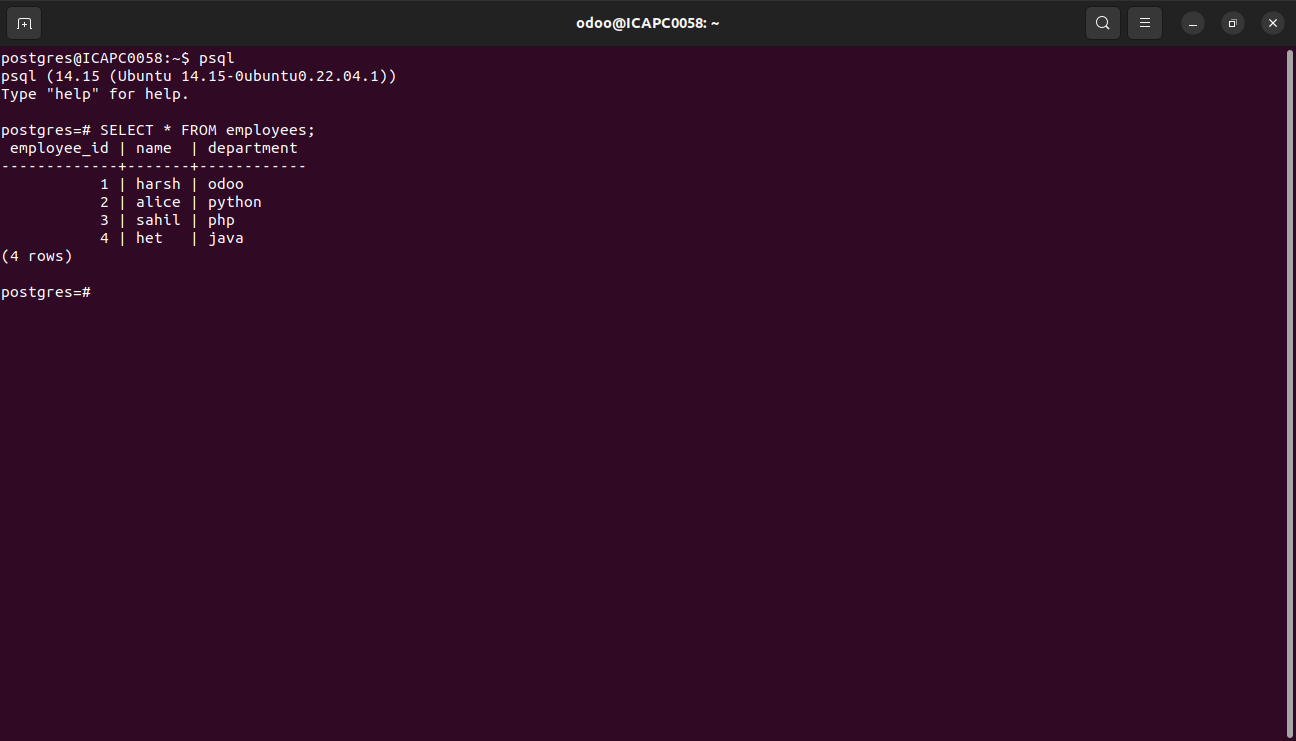
CREATE TABLE employees (

employee\_id int PRIMARY KEY,

name VARCHAR(100) NOT NULL,

department VARCHAR(50)

);



CREATE TABLE projects (

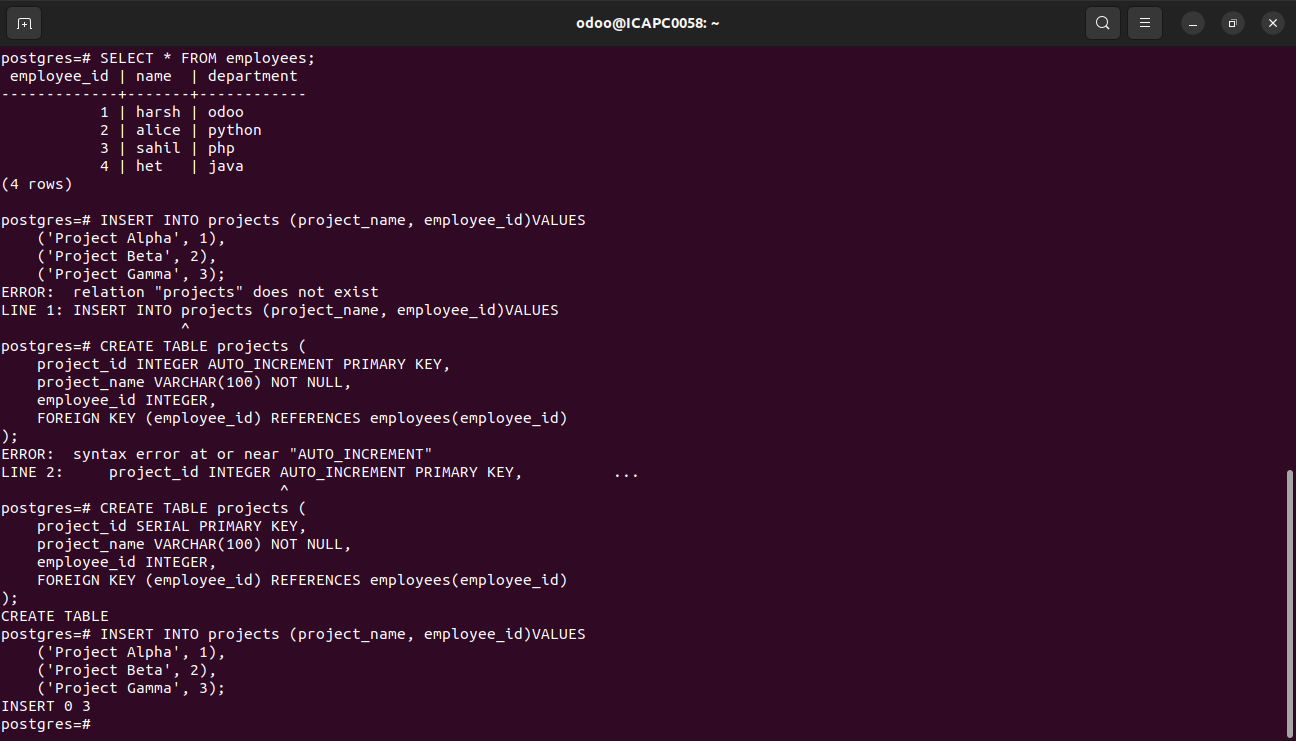
project\_id SERIAL PRIMARY KEY,

project\_name VARCHAR(100) NOT NULL,

employee\_id INTEGER,

FOREIGN KEY (employee\_id) REFERENCES employees(employee\_id)

);



INSERT INTO employee (employee\_id, name, department)VALUES

('1', 'harsh', 'odoo'),

('2', 'alice', 'python'),

('3', 'sahil', 'php'),

('4', 'het', 'java');

INSERT INTO projects (project\_name, employee\_id)VALUES

('Project Alpha', 1),

('Project Beta', 2),

('Project Gamma', 3);

inner join query

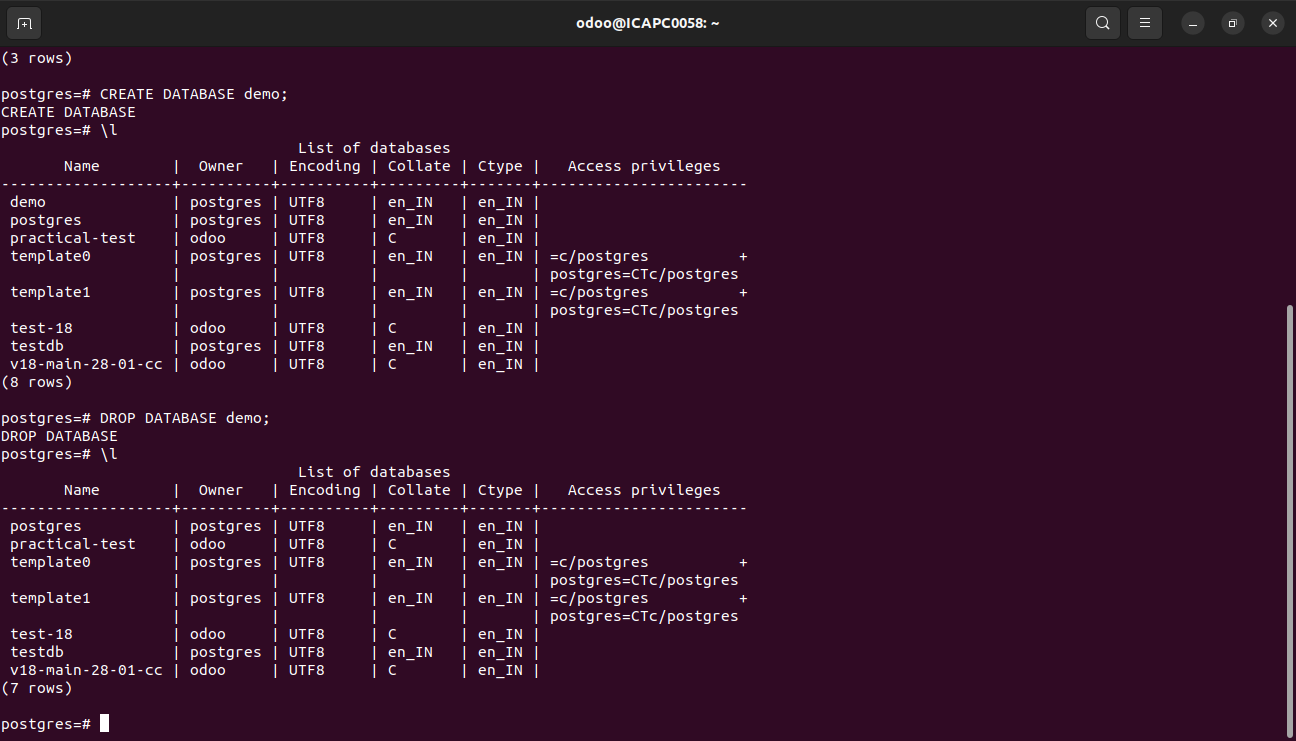
SELECT project\_name, name

FROM projects

INNER JOIN employees ON projects.employee\_id = employees.employee\_id;



Drop Db



Alter commands:

1. add column

ALTER TABLE employees

ADD email VARCHAR(100);

2. Drop a Column

ALTER TABLE employees

DROP COLUMN email;

3. Modify a Column

ALTER TABLE employees

ALTER COLUMN name VARCHAR(150);

4. Rename a Column

ALTER TABLE employees

RENAME COLUMN department TO dept;

5. Rename a Table

ALTER TABLE employees

RENAME TO staff;

6. Drop a Foreign Key Constraint

ALTER TABLE projects

DROP CONSTRAINT employee\_id;