CREATE TABLE departments (

id\_departments NUMBER GENERATED ALWAYS AS IDENTITY,

name VARCHAR2(50) NOT NULL,

location VARCHAR2(50),

PRIMARY KEY (id\_departments)

);

CREATE TABLE employees (

id\_employees NUMBER GENERATED ALWAYS AS IDENTITY,

first\_name VARCHAR2(50) NOT NULL,

last\_name VARCHAR2(50) NOT NULL,

email VARCHAR2(100) NOT NULL,

hire\_date DATE NOT NULL,

salary NUMBER(8,2) NOT NULL,

department\_id NUMBER,

PRIMARY KEY (id\_employees),

FOREIGN KEY (department\_id) REFERENCES departments(id\_departments)

);

CREATE TABLE projects (

id\_projects NUMBER GENERATED ALWAYS AS IDENTITY,

name VARCHAR2(100) NOT NULL,

start\_date DATE NOT NULL,

end\_date DATE,

employee\_id NUMBER,

PRIMARY KEY (id\_projects),

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

);

drop table projects;

drop table employees;

drop table departments;

select \* from employees;

insert into departments (name,location) values('TI','Escritorio TI');

insert into employees(first\_name,last\_name,email,hire\_date,salary,department\_id) values('andrei','de tarso','lucas@email.com', TO\_DATE('20-12-1999','DD-MM-YY'), 1500, 1);

insert into projects (name,start\_date,end\_date,employee\_id) values('PYTHON', TO\_DATE('15-07-2023','DD-MM-YY'),TO\_DATE('23-07-2023','DD-MM-YY'),1);

select departments.id\_departments,departments.name,departments.location,employees.id\_employees,

employees.first\_name, projects.name , projects.id\_projects from departments

inner join employees

on employees.department\_id = departments.id\_departments

inner join projects

on projects.employee\_id = employees.id\_employees;

select \* from projects;

select departments.name,departments.location, employees.first\_name from departments

inner join employees

on employees.department\_id = departments.id\_departments;

/\*

cursores

\*/

DECLARE

contar VARCHAR2(30);

BEGIN

SELECT first\_name INTO contar FROM employees WHERE salary > 2000;

DBMS\_OUTPUT.PUT\_LINE('Number of employees with salary > 100: ' || contar);

END;

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