Cursor:

do $$

declare

vble\_registre record; --variable del cursor

cur\_f1 cursor for select \* from pilots --crear cursor

begin

open cur\_f1; --obrir el cursor

fetch cur\_f1 into vble\_registre;

--almacenes el registre dintre de la variable amb el fetch el qual serveix com a contador si vols ficar-ne mes d’1.

raise notice 'Es mostraran els noms pilots, % juntament amb la seva clau, %', vble\_registre.nom, vble\_registre.clave\_pilot;

close cur\_f1;

end; $$

Cursor amb bucle:

CREATE TABLE T1 (

id INT PRIMARY KEY,

dato VARCHAR(15)

);

CREATE TABLE T2(

i int

);

CREATE TABLE T3(

i int

dato varchar(15)

);

INSERT INTO T1 VALUES(1,'A'),(2,'B');

INSERT INTO T2 VALUES(3),(4);

create or replace procedure cursor\_demo()

LANGUAGE PLPGSQL

as

$$

declare

ent1 int;

ent2 int;

cadena varchar(15);

cur1 cursor for SELECT id, dato from T1; --Almacenem les dades de la taula1

cur2 cursor for SELECT i FROM T2; --Almacenem les dades de la taula2

begin

open cur1;

open cur2;

fetch cur1 INTO ent1, cadena;

fetch cur2 INTO ent2;

while found loop

exit when not found; --Quan no trobe dades es sortira del bucle

if ent1 > ent2 then

INSERT INTO T3 VALUES(ent1, cadena);

else

INSERT INTO T3 VALUES(ent2, cadena);

end if;

fetch cur1 INTO ent1, cadena;

fetch cur2 INTO ent2;

end loop;

close cur1;

close cur2;

end;

$$

call cursor\_demo();

select \* from t3;

Ex practica

call expractica(10)

create or replace procedure expractica1(numdept dept.deptno%type)

language plpgsql

as

$$

declare

filas int = 0;

total int = 0;

cur\_1 cursor for select \* from dept where deptno = numdept;

begin

for empleat in cur\_1 loop

raise notice 'Empleat de nom %, i de codi % en el departament %', emp.empname, emp.empno, emp.deptno;

total = total + 1;

end loop;

raise notice 'TOTAL: %', total;

end;

$$

--------------------------------------------------------------------------------------------------------------------

create or replace procedure expractica1(numdept dept.deptno%type)

language plpgsql

as

$$

declare

filas int = 0;

total int = 0;

cur\_1 cursor for select \* from emp where deptno = numdept;

begin

loop

fetch cur\_1 into empleat;

exit when not found;

raise notice 'Empleat de nom %, i de codi % en el departament %', emp.empname, emp.empno, emp.deptno;

total = total + 1;

end loop;

raise notice 'TOTAL: %', total;

close cur\_1;

end;

$$