LABORATORIO VIII



CREATE OR REPLACE FUNCTION salarioentre (limitesup INT,limiteinf INT)

RETURNS SETOF VARCHAR AS $$

DECLARE

nemp RECORD;

curs CURSOR IS SELECT empleado.nombre,empsucursal.salario from empleado INNER JOIN empsucursal ON empleado.id=empsucursal.idempleado WHERE salario<limitesup and salario>limiteinf;

VarText VARCHAR :='';

BEGIN

FOR nemp IN curs LOOP

VarText := 'Nombre: '|| nemp.nombre|| ' ; ' ||'Salario: '|| nemp.salario ;

RETURN NEXT VarText;

END LOOP;

END; $$ LANGUAGE 'plpgsql';

SELECT \* FROM salarioentre(9248861,9000000);

1. CREATE OR REPLACE FUNCTION updatesalario ( nreg INT, incre INT)

RETURNS SETOF VARCHAR AS $$

DECLARE

nemp RECORD;

cont SMALLINT := 0;

curs CURSOR IS SELECT empleado.nombre,empsucursal.salario from empleado INNER JOIN empsucursal ON empleado.id=empsucursal.idempleado INNER JOIN sucursal USING(codsucursal) WHERE sucursal.nombre='Cali Sur' ORDER BY salario ASC;

VarText VARCHAR :='';

BEGIN

FOR nemp IN curs LOOP

VarText := 'Nombre: '||nemp.nombre|| ' ; ' || 'Salario New: ' || (nemp.salario+((nreg-cont)\*incre));

IF cont<nreg THEN RETURN NEXT VarText;

END IF;

cont=cont+1;

END LOOP;

END; $$ LANGUAGE 'plpgsql';

SELECT \* FROM updatesalario(2,500);

1. CREATE OR REPLACE FUNCTION updatebonificacion(boniporcent FLOAT)

RETURNS VOID AS $$

DECLARE

curs CURSOR IS SELECT empleado.nombre,empsucursal.bonificacion from empleado INNER JOIN empsucursal ON empleado.id=empsucursal.idempleado ORDER BY bonificacion ASC FOR UPDATE OF empsucursal;

BEGIN

OPEN curs;

MOVE FORWARD 5 in curs;

UPDATE empsucursal SET bonificacion=bonificacion+boniporcent WHERE CURRENT OF curs;

MOVE FORWARD 7 in curs;

UPDATE empsucursal SET bonificacion=bonificacion+boniporcent WHERE CURRENT OF curs;

MOVE FORWARD 8 in curs;

UPDATE empsucursal SET bonificacion=bonificacion+boniporcent WHERE CURRENT OF curs;

MOVE FORWARD 9 in curs;

UPDATE empsucursal SET bonificacion=bonificacion+boniporcent WHERE CURRENT OF curs;

CLOSE curs;

END; $$ LANGUAGE 'plpgsql';

SELECT \* FROM updatebonificacion(0.2);