

LABORATORIO VIII

1.

```
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);
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2. CREATE OR REPLACE FUNCTION updatesalario (nreg INT, incre INT)

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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;
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END IF;

cont=cont+1;

END LOOP;

END; $$ LANGUAGE 'plpgsql';

SELECT * FROM updatesalario(2,500);
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3. 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;

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END; $$ LANGUAGE 'plpgsql';
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SELECT * FROM updatebonificacion(0.2);
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