**UNIVERSIDAD TECNOLÓGICA DE PANAMÁ**

**FACULTAD DE INGENIERÍA DE SISTEMAS COMPUTACIONALES**

**LICENCIATURA EN INGENIERÍA DE SISTEMAS DE INFORMACIÓN**

**SISTEMAS DE BASES DE DATOS II**

**Asignación #3**

**Estudiante:**

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**GRUPO: 1IF121**

**FECHA: 14 SEPTIEMBRE.**

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**Problema 1**

create table Students(

ID number(4) not null,

first\_name varchar2(50) not null,

last\_name varchar2(50) not null,

major varchar2(50) not null

);

insert into Students values(1111,'Federico','Escobar','Informatica');

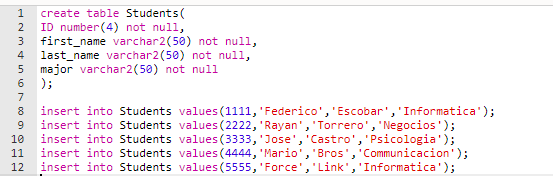
insert into Students values(2222,'Rayan','Torrero','Negocios');

insert into Students values(3333,'Jose','Castro','Psicologia');

insert into Students values(4444,'Mario','Bros','Communicacion');

insert into Students values(5555,'Force','Link','Informatica');

NOTA: Por problemas con el Oracle en mi pc opte por usar el live Oracle para ir creando el código y es por es por eso que algunas veces las imágenes serán del live Oracle y otra veces será en el cmd que un compañero compilo por mi ya que el live de Oracle no “Aguanta” algunos comandos DDL y DCL



**Cursor**

Declare

v\_StudentID students.ID%type;

v\_FirstName students.first\_name%type;

v\_LastName students.last\_name%type;

v\_Major students.major%type:='Computer Science';

CURSOR c\_Students is

SELECT id, first\_name, last\_name

From students

where major=v\_Major;

Begin

Open c\_Students;

LOOP

FETCH c\_Students INTO v\_StudentID, v\_FirstName, v\_LastName;

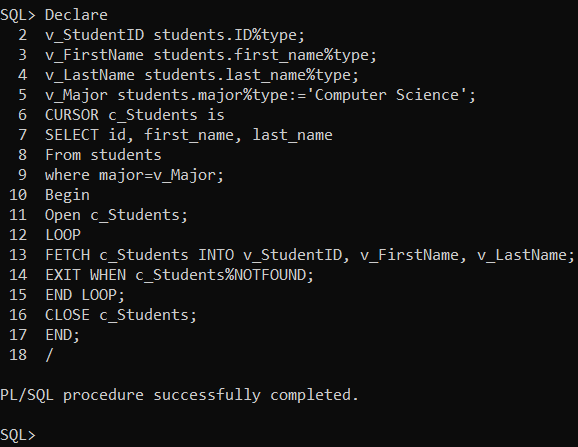
EXIT WHEN c\_Students%NOTFOUND;

END LOOP;

CLOSE c\_Students;

END;

/



Problema 2

DECLARE

v\_RoomID classes.room\_id%TYPE;

v\_Building rooms.buliding%TYPE;

v\_Department classes.department%TYPE;

v\_Course classes.course%TYPE;

CURSOR c\_Building IS

SELECT building

FROM rooms, classes

WHERE rooms.room\_id = classes.room\_id

AND department = v\_Department

AND course = v\_Course;

BEGIN

v\_Department := ‘HIS’;

v\_Course \_= 101;

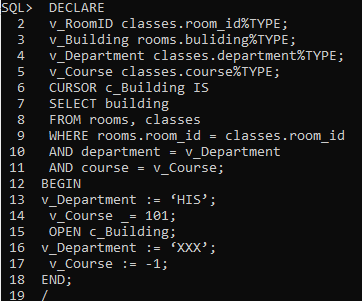
OPEN c\_Building;

v\_Department := ‘XXX’;

v\_Course := -1;

END;

/



Problema 3

DECLARE

CURSOR c\_building (v\_RoomID classes.room\_id%TYPE;

v\_Building rooms.buliding%TYPE;

v\_Department classes.department%TYPE;

v\_Course classes.course%TYPE) IS

SELECT building

FROM rooms, classes

WHERE rooms.room\_id = classes.room\_id

AND department = v\_Department

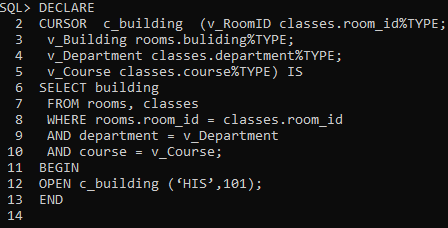
AND course = v\_Course;

BEGIN

OPEN c\_building (‘HIS’,101);

END

/



Problema 4

create table temp\_tabla(

columnaC varchar2(50),

columnaN varchar2(50));

set serveroutput on;

Declare

v\_roomdata rooms%ROWTYPE;

Begin

select \* into v\_roomdata

from rooms

where room\_id='-1';

if SQL%NOTFOUND THEN

Insert into temp\_tabla(columnaC) values('NOT FOUND')

end if;

exception

when NO\_DATA\_FOUND THEN

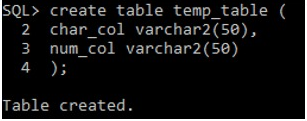
INSERT INTO temp\_tabla(columnaC) values('NOT FOUND, EXCEPTION HANDLER');

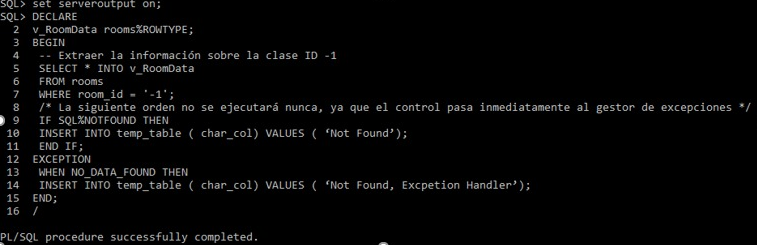
END;

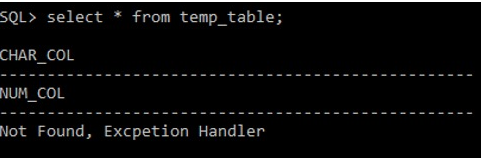
/

select\*

from temp\_tabla;







Problema 5

Problema 6

create table manga(

idManga number primary key not null,

nombre varchar2(20),

autor varchar2(20)

);

Insert into manga values(12,'HOTD','Hatake Minato');

Insert into manga values(01,'Naruto',' Fashi,');

Insert into manga values(25,'Bossy President','ICiyuan dongman');

Insert into manga values(177,'Dao Yin','Chaos');

Insert into manga values(88,'Versatile Mage','Quanzhi');

Set serveroutput ON;

DECLARE

vnombre VARCHAR2(20);

unombre VARCHAR2(20) := 'hotd' ;

CURSOR obtener(pnombre VARCHAR2) IS

SELECT idManga,nombre,autor

FROM manga

WHERE nombre = pnombre;

manga\_rec obtener%ROWTYPE;

BEGIN

vnombre := '&vnombre';

DBMS\_OUTPUT.PUT\_LINE ('Usted desea Actualizar el manga: ' || vnombre);

FOR manga\_rec IN obtener(vnombre) LOOP

DBMS\_OUTPUT.PUT\_LINE('Manga id: '||manga\_rec.idManga|| ' Autor: ' || manga\_rec.autor);

IF obtener%found THEN

UPDATE manga

SET nombre = unombre

WHERE idManga = manga\_rec.idManga;

ELSE DBMS\_OUTPUT.PUT\_LINE('no existe');

END IF;

END LOOP;

COMMIT;

END;

