



Universidad Autónoma de Querétaro

Facultad de Informática

Bases de Datos II

Práctica de bloques anónimos



IMPRIMIR HOLA MUNDO

```
SET SERVEROUTPUT ON;

DECLARE
    texto VARCHAR(20) := 'hola mundo';
BEGIN
    dbms_output.put_line(texto);
END;
```

Script Output x

Task completed in 0.015 seconds

hola mundo

PL/SQL procedure successfully completed.

SELECT E IMPRIMIR

```
DECLARE
v_deptid NUMBER(4);
v_loc NUMBER(4);
BEGIN
SELECT department_id, location_id INTO v_deptid, v_loc
FROM departments
WHERE department_name = 'Sales';
dbms_output.put_line('ID: ' || v_deptid);
dbms_output.put_line('LOC: ' || v_loc);
END;
```

Script Output x

Task completed in 0.028 seconds

PL/SQL procedure successfully completed.

ID: 80
LOC: 2500

INSERT

Worksheet Query Builder

```
v_empid employees.employee_id%TYPE;
BEGIN
SELECT employees_seq.NEXTVAL INTO v_empid
FROM dual;
INSERT INTO employees(employee_id, last_name, job_id, department_id, email, hire_date)
VALUES(v_empid, 'HARDING', 'PU_CLERK', 30, 'OUTLOOK', CURRENT_DATE);
END;

SELECT * FROM employees WHERE last_name = 'HARDING';
```

Script Output x Query Result x

SQL | All Rows Fetched: 1 in 0.039 seconds

	EMPLOYEE...	FIRST_NA...	LAST_NAME	EMAIL	PHONE_NUM...	HIRE_DA...	JOB_ID	SALARY	COMMISSION_...
1		207 (null)	HARDING	OUTLOOK (null)		21-JAN-26	PU_CLERK	(null)	(null)

UPDATE

```
-- Elimina
DECLARE
v_sal_increase employees.salary%TYPE := 2000;
BEGIN
UPDATE employees
SET salary = salary + v_sal_increase
WHERE job_id = 'PU_CLERK';
END;
```

Script Output x Query Result x

Task completed in 0.02 seconds

PL/SQL procedure successfully completed.

DELETE

```
-- Elimina
DECLARE
v_deptid employees.department_id%TYPE := 190;
BEGIN
DELETE FROM employees
WHERE department_id = v_deptid;
END;
```

Script Output x Query Result x

Task completed in 0.02 seconds

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

ROLLBACK

