



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 | Task completed in 0.015 seconds

hola mundo

PL/SQL procedure successfully completed.

SELECT E IMPRIMIR

The screenshot shows the Oracle SQL Developer interface. In the top pane, a PL/SQL block is displayed:

```
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;
```

In the bottom pane, the output of the procedure is shown:

Script Output | Task completed in 0.028 seconds

PL/SQL procedure successfully completed.

ID: 80
LOC: 2500

INSERT

The screenshot shows the Oracle SQL Developer interface. In the top pane, an anonymous PL/SQL block is displayed:

```
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';
```

In the bottom pane, the result of the query is shown:

Script Output | Query Result | All Rows Fetched: 1 in 0.039 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT
1	207	(null)	HARDING	OUTLOOK	(null)	21-JAN-26	PU_CLERK	(null)	(null)

UPDATE

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

-- Elimina

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

