**Bases de datos.**

**Yehor Burlachenko**

**Tema 1.**

**Prueba.**

Las segunda y tercera sentencia se ejecutan correctamente.

**Practica 1(dispositiva 30)**

SELECT \*

FROM employees;

SELECT department\_name

FROM departments;

**Actividades.**

**Ejercicio 1.** La siguiente sentencia SELECT se ejecuta correctamente:

SELECT last\_name, job\_id, salary AS Sal

FROM employees;

**Respuesta:** verdadero

**Ejercicio 2.** La siguiente sentencia SELECT se ejecuta correctamente:

SELECT \*

FROM job\_grades;

**Respuesta:** Falso (no existe tabla job\_grades).

**Ejercicio 3.** En la siguiente sentencia hay cuatro errores de codificación. ¿Puede identificarlos?

SELECT employee\_id, last\_name

sal x 12 ANNUAL SALARY

FROM employees;

**Respuesta:**

SELECT employee\_id, last\_name,

salary \* 12 AS “ANNUAL SALARY”

FROM employees;

**Ejercicio 4.** Su primera tarea es determinar la estructura de la tabla DEPARTMENTS y su contenido.

Name Null Type

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DEPARTMENT\_ID NOT NULL NUMBER(4)

DEPARTMENT\_NAME NOT NULL VARCHAR2(30)

MANAGER\_ID NUMBER(5)

LOCATION\_ID NUMBER(4)

DESCRIBE departments;

SELECT \*

FROM departments;

**Respuesta:**

DESCRIBE departments;

SELECT \* FROM departments

**Ejercicio 5.** Determine la estructura de la tabla EMPLOYEES.

Name Null Type

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EMPLOYEE\_ID NOT NULL NUMBER(6)

FIRST\_NAME VARCHAR2(20)

LAST\_NAME NOT NULL VARCHAR2(25)

EMAIL NOT NULL VARCHAR2(25)

PHONE\_NUMBER VARCHAR2(20)

HIRE\_DATE NOT NULL DATE

JOB\_ID NOT NULL VARCHAR2(10)

SALARY NUMBER(8,2)

COMMISSION\_PCT NUMBER(2,2)

MANAGER\_ID NUMBER(6)

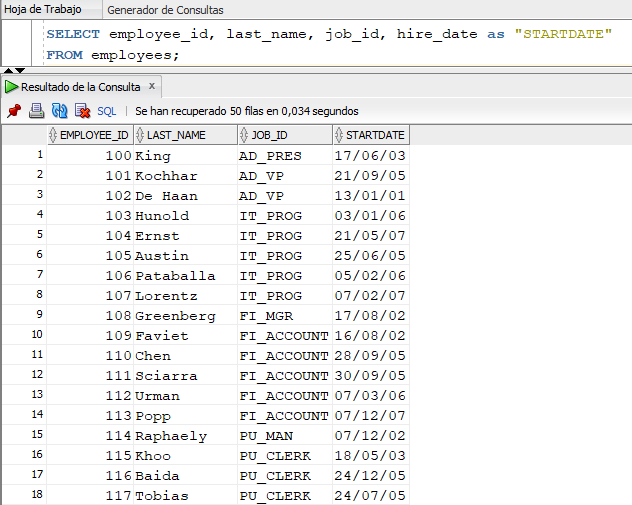
**DEPARTMENT\_ID NUMBER(4)**

DESCRIBE employees;

SELECT employee\_id, last\_name, hire\_date as “STARTDATE”, job\_id

FROM employees;

**Ej6.**



**Ej7.**

SELECT DISTINCT job\_id

FROM employees;

**Ej8.**

SELECT employee\_id AS “EMP #”, last\_name AS “Employee”, job\_id AS “Job”, hire\_date as “Hire Date”

FROM employees;

**Ej9.**

SELECT first\_name || ',' || job\_id AS "Employee and Title"

FROM employees;

**Ej10.**

SELECT employee\_id || ',' || first\_name || ',' ||

last\_name || ',' || email || ',' ||

phone\_number || ',' || hire\_date || ',' ||

job\_id || ',' || salary || ',' ||

commission\_pct || ',' || manager\_id

|| ',' || department\_id AS "THE\_OUTPUT"

FROM employees;