EXERCICIS DE CONSULTES SIMPLES AMB SQL

Tenim dues taules a la base de dades:

Taula **DEPT:** *SELECT * FROM DEPT;*

```
SQL> SELECT * FROM DEPT;

  NUM_DEPT NOM_DEPT          SITUACIO
---------- --------------- -------------
        10 COMPTABILITAT   HOBBITERS
        20 RECERCA         RIVENDELL
        30 VENDES          BREE
        40 MARQUETING      VILATUC
```

Taula **EMP:** *SELECT * FROM EMP;*

```
SQL> SELECT * FROM EMP
  2  ;

NOM         TASCA          SALARI    COMISSIO   NUM_DEPT
---------- --------- ---------- ---------- ----------
BILBO       PRESIDENT        1800                   10
FRODO       CAP              1200                   20
SAM         VENEDOR          1000          10       30
MERRY       VENEDOR          1000           0       30
PIPPIN      GERENT           1100                   40
```

Exercici 1: *SELECT NOM FROM EMP;*

```
SQL> SELECT NOM
  2  FROM EMP
  3  ;

NOM
----------
BILBO
FRODO
MERRY
PIPPIN
SAM
```

Exercici 2: *SELECT NOM || ' ES UN EMPLEAT ' AS "NOM" FROM EMP;*

```
SQL> SELECT NOM ||' ES UN EMPLEAT'
  2  AS "NOM"
  3  FROM EMP;

NOM
------------------------
BILBO ES UN EMPLEAT
FRODO ES UN EMPLEAT
MERRY ES UN EMPLEAT
PIPPIN ES UN EMPLEAT
SAM ES UN EMPLEAT
```

SELECT NOM, ' ES UN EMPLEAT ' AS "QUE ES?" FROM EMP;

```
SQL> SELECT NOM, 'ES UN EMPLEAT'
  2  AS "QUE ES?"
  3  FROM EMP;

NOM        QUE ES?
---------- ------------
BILBO      ES UN EMPLEAT
FRODO      ES UN EMPLEAT
MERRY      ES UN EMPLEAT
PIPPIN     ES UN EMPLEAT
SAM        ES UN EMPLEAT
```

Exercici 3: *SELECT 'SOC UN EMPLEAT' AS " 5 VEGADES" FROM EMP;*

```
SQL> SELECT 'SOC UN EMPLEAT'
  2  AS "5 VEGADES"
  3  FROM EMP;


5 VEGADES
--------------
SOC UN EMPLEAT
SOC UN EMPLEAT
SOC UN EMPLEAT
SOC UN EMPLEAT
SOC UN EMPLEAT
```

Exercici 4: *SELECT SALARI/COMISSIO AS RESULTAT FROM EMP;*

El problema es que no es por dividir entre 0 per això dona el error.

```
SQL> SELECT SALARI/COMISSIO
  2  AS RESULTAT
  3  FROM EMP;
ERROR:
ORA-01476: divisor is equal to zero



no rows selected
```

```
SQL> SELECT SALARI/COMISSIO
  2  AS RESULTAT
  3  FROM EMP
  4  WHERE COMISSIO >0;

  RESULTAT
----------
       100
```

Exercici 5:
SELECT 'HO HE ACONSEGUIT' AS "1 FRASE" FROM EMP WHERE COMISSIO > 0;

```
SQL> SELECT 'HO HE ACONSEGUIT'
  2  AS "1 FRASE"
  3  FROM EMP
  4  WHERE COMISSIO > 0;


1 FRASE
---------------
HO HE ACONSEGUIT
```

Exercici 6: *SELECT NUM_DEPT, NOM_DEPT FROM DEPT;*

```
SQL> SELECT NUM_DEPT, NOM_DEPT
  2  FROM DEPT;

  NUM_DEPT NOM_DEPT
---------- --------------
        10 COMPTABILITAT
        20 RECERCA
        30 VENDES
        40 MARQUETING
```

Exercici 7:
SELECT NOM_DEPT || ' ES EL DEPARTAMENT NUMERO' || NUM_DEPT
AS "FRASE" FROM DEPT;

```
SQL> SELECT NOM_DEPT ||' ES EL DEPARTAMENT NUMERO ' || NUM_DEPT
  2  AS "FRASE"
  3  FROM DEPT;

FRASE
--------------------------------------------------------------------
COMPTABILITAT ES EL DEPARTAMENT NUMERO 10
RECERCA ES EL DEPARTAMENT NUMERO 20
VENDES ES EL DEPARTAMENT NUMERO 30
MARQUETING ES EL DEPARTAMENT NUMERO 40
```

Exercici 8: *SELECT NUM_DEPT*10, NOM_DEPT FROM DEPT;*

```
SQL> SELECT NUM_DEPT*10, NOM_DEPT
  2  FROM DEPT;

NUM_DEPT*10 NOM_DEPT
----------- -------------
        100 COMPTABILITAT
        200 RECERCA
        300 VENDES
        400 MARQUETING
```

Exercici 9: *SELECT DISTINCT SITUACIO FROM DEPT;*
El DISTINCT elimina els valors repetitis.

```
SQL> SELECT DISTINCT SITUACIO
  2  FROM DEPT;

SITUACIO
------------
RIVENDELL
HOBBITERS
BREE
VILATUC
```

Exercici 10: *SELECT NUM_DEPT*10 AS NUM_DEPT, NOM_DEPT FROM DEPT;*
Millorare el de l'exercici 8:

```
SQL> SELECT NUM_DEPT*10
  2  AS NUM_DEPT, NOM_DEPT
  3  FROM DEPT;

  NUM_DEPT NOM_DEPT
---------- -------------
       100 COMPTABILITAT
       200 RECERCA
       300 VENDES
       400 MARQUETING
```