

SELECT 4ª Part - Agrupació de files i relacions entre taules

Exercici 1:

```
SELECT
    location_id, count(department_id) AS "N DEPARTMENTS"
FROM
    departments
GROUP BY
    location_id
HAVING
    count(department_id)>0;
```

```
SQL> SELECT location_id, count(department_id) AS "N DEPARTMENTS"
  2  FROM departments
  3  GROUP BY location_id
  4  HAVING count(department_id)>0;
```

```
LOCATION_ID N DEPARTMENTS
```

```
-----
      1700             21
      1400              1
      2400              1
      1500              1
      1800              1
      2500              1
      2700              1
```

```
7 rows selected.
```

Exercici 2:

```
SELECT
    location_id, count(department_id) AS "N DEPARTMENTS"
FROM
    departments
GROUP BY
    location_id;
```

```
SQL> SELECT location_id, count(department_id) AS "N DEPARTMENTS"
  2  FROM departments
  3  GROUP BY location_id;
```

LOCATION_ID	N DEPARTMENTS
1700	21
1400	1
2400	1
1500	1
1800	1
2500	1
2700	1

```
7 rows selected.
```

No hi ha cap :

```
SQL> select location_id, count(department_id) as "N DEPARTMENTS"
  2  from departments
  3  group by location_id
  4  having count(department_id) is null;
```

```
no rows selected
```

Exercici 3:

```
SELECT
    location_id, count(department_id) AS "N DEPARTMENTS"
FROM
    departments
GROUP BY
    location_id
HAVING
    count(department_id)>1;
```

```
SQL> SELECT location_id, count(department_id) AS "N DEPARTMENTS"
2  FROM departments
3  GROUP BY location_id
4  HAVING count(department_id)>1;
```

```
LOCATION_ID N DEPARTMENTS
-----
1700      21
```

Exercici 4:

```
select
    department_name, location_id
from
    departments
```

```
select
    count(employee_id), sum(salary), avg(salary)
from employees

group by department_name;
```

Exercici 5: