

1,

```
SQL> SELECT LOCATION_ID, DEPARTMENT_NAME, COUNT(*)
2 FROM DEPARTMENTS
3* GROUP BY LOCATION_ID, DEPARTMENT_NAME;
```

LOCATION_ID	DEPARTMENT_NAME	COUNT(*)
1700	Purchasing	1
2500	Sales	1
1700	Executive	1
1700	Accounting	1
1700	Shareholder Services	1
1700	Manufacturing	1
1700	Operations	1
2400	Human Resources	1
1500	Shipping	1
1700	Benefits	1

2.

```
SQL> SELECT LOCATION_ID, DEPARTMENT_NAME, COUNT(*)
2 FROM DEPARTMENTS
3 WHERE DEPARTMENT_NAME IS NULL
4 GROUP BY LOCATION_ID, DEPARTMENT_NAME
5 UNION
6 SELECT LOCATION_ID, DEPARTMENT_NAME, COUNT(*)
7 FROM DEPARTMENTS
8 WHERE DEPARTMENT_NAME IS NOT NULL
9* GROUP BY LOCATION_ID, DEPARTMENT_NAME;
```

LOCATION_ID	DEPARTMENT_NAME	COUNT(*)
1400	IT	1
1500	Shipping	1
1700	Accounting	1
1700	Administration	1
1700	Benefits	1
1700	Construction	1
1700	Contracting	1

3.

```
SQL> SELECT LOCATION_ID, DEPARTMENT_NAME, COUNT(*)
2 FROM DEPARTMENTS
3 GROUP BY LOCATION_ID, DEPARTMENT_NAME
4* HAVING COUNT(*) > 1;

no rows selected
SQL>
```

4.

```
SQL> SELECT
2 DEPARTMENT_NAME,
3 COUNT(EMPLOYEE_ID) AS NUMERO_EMPLEATS,
4 SUM(SALARY) AS SUMA_SALARIS,
5 AVG(SALARY) AS MITJA_SALARIS
6 FROM DEPARTMENTS, EMPLOYEES
7 GROUP BY DEPARTMENT_NAME
8* ORDER BY AVG(SALARY) DESC;
```

DEPARTMENT_NAME	NUMERO_EMPLEATS	SUMA_SALARIS	MITJA_SALARIS
Sales	107	691416	6461,831775700934579439252336448598130841
Operations	107	691416	6461,831775700934579439252336448598130841
Recruiting	107	691416	6461,831775700934579439252336448598130841
Corporate Tax	107	691416	6461,831775700934579439252336448598130841
IT Support	107	691416	6461,831775700934579439252336448598130841
Government Sales	107	691416	6461,831775700934579439252336448598130841