

```

1 MAREESWARAN G
2 DAY-14
3 =====
4
5 1. SELECT
6     J.JOB_TITLE,
7     L.CITY,
8     COUNT(*) "NO OF EMPLOYEES",
9     SUM(E.SALARY) "TOTAL SALARY"
10 FROM HR.EMPLOYEES E,
11      HR.JOBS J,
12      HR.DEPARTMENTS D,
13      HR.LOCATIONS L
14 WHERE E.DEPARTMENT_ID = D.DEPARTMENT_ID
15        AND E.JOB_ID = J.JOB_ID
16        AND D.LOCATION_ID = L.LOCATION_ID
17        AND E.SALARY > 8000
18 GROUP BY J.JOB_TITLE, L.CITY
19 HAVING COUNT(*) >= 5
20 ORDER BY 4 DESC

```

JOB_TITLE	CITY	NO OF EMPLOYEES	TOTAL SALARY
Sales Representative	Oxford	15	144900
Sales Manager	Oxford	5	61000

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2 rows selected.

```

23 2. SELECT E.*
24 FROM
25     HR.EMPLOYEES E,
26     HR.JOBS J
27 WHERE
28     E.JOB_ID = J.JOB_ID
29     AND SALARY > 8000 AND J.JOB_TITLE = 'Programmer'
30 MINUS
31 SELECT E.*
32 FROM
33     HR.EMPLOYEES E,
34     HR.DEPARTMENTS D,
35     HR.LOCATIONS L
36 WHERE
37     E.DEPARTMENT_ID = D.DEPARTMENT_ID
38     AND D.LOCATION_ID = L.LOCATION_ID
39     AND L.CITY = 'Seattle'
40     AND E.HIRE_DATE > '01-JAN-2001'
41

```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60

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```

42 3.SELECT
43     J.JOB_TITLE ,
44     COUNT (*) "NO OF EMPLOYEES" ,
45     AVG(SALARY) "AVERAGE SALARY"
46 FROM
47     HR.EMPLOYEES E,
48     HR.JOBS J
49 WHERE
50     E.JOB_ID = J.JOB_ID
51 GROUP BY
52     J.JOB_TITLE
53 HAVING
54     COUNT(*) >=5
55     AND AVG(SALARY) >7000

```

JOB_TITLE	NO OF EMPLOYEES	AVERAGE SALARY
Accountant	5	7920
Sales Manager	5	12200
Sales Representative	30	8350
Stock Manager	5	7280

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4 rows selected.

```

58 4.SELECT
59     J.JOB_TITLE
60 FROM
61     HR.JOBS J
62 WHERE
63     5 <=(
64         SELECT
65             COUNT(*)
66         FROM
67             HR.EMPLOYEES E
68         WHERE
69             E.JOB_ID = J.JOB_ID
70     )
71

```

JOB_TITLE
Accountant
Sales Manager
Sales Representative
Purchasing Clerk
Stock Manager
Stock Clerk
Shipping Clerk
Programmer

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8 rows selected.