

```

1 MAREESWARAN G
2     DAY 16
3
4 SELECT
5     E.FIRST_NAME,
6     E.SALARY,
7     J.JOB_TITLE,
8     DECODE (J.JOB_TITLE, 'Programmer', 'NICE', 'WELL') CATEGORY
9 FROM
10    HR.EMPLOYEES E,
11    HR.JOBS J
12 WHERE
13     E.JOB_ID = J.JOB_ID
14     AND E.SALARY BETWEEN 5000 AND 8000
15

```

FIRST_NAME	SALARY	JOB_TITLE	CATEGORY
Ismael	7700	Accountant	WELL
Jose Manuel	7800	Accountant	WELL
Luis	6900	Accountant	WELL
Susan	6500	Human Resources Representative	WELL
Bruce	6000	Programmer	NICE
Pat	6000	Marketing Representative	WELL
Christopher	8000	Sales Representative	WELL
Sundita	6100	Sales Representative	WELL
Kimberely	7000	Sales Representative	WELL
Nanette	7500	Sales Representative	WELL

```

16 CASE
17 ====
18 SELECT
19     E.FIRST_NAME,
20     E.SALARY,
21     J.JOB_TITLE,
22 CASE
23     WHEN E.SALARY < 6000 THEN 'GIVE BONUS'
24     WHEN E.SALARY >= 6000 THEN 'PARTY AVAILABLE'
25     END "BONUS & PARTY"
26 FROM
27     HR.EMPLOYEES E,
28     HR.JOBS J
29 WHERE
30     E.JOB_ID = J.JOB_ID

```

FIRST_NAME	SALARY	JOB_TITLE	BONUS & PARTY
William	8300	Public Accountant	PARTY AVAILABLE
Shelley	12008	Accounting Manager	PARTY AVAILABLE
Jennifer	4400	Administration Assistant	GIVE BONUS
Steven	24000	President	PARTY AVAILABLE
Lex	17000	Administration Vice President	PARTY AVAILABLE
Neena	17000	Administration Vice President	PARTY AVAILABLE
John	8200	Accountant	PARTY AVAILABLE
Daniel	9000	Accountant	PARTY AVAILABLE
Luis	6900	Accountant	PARTY AVAILABLE
Ismael	7700	Accountant	PARTY AVAILABLE

```

33 EXISTS
34 =====
35
36 SELECT
37     D.DEPARTMENT_ID,
38     D.DEPARTMENT_NAME
39 FROM HR.DEPARTMENTS D
40 WHERE EXISTS (
41     SELECT D.DEPARTMENT_ID
42     FROM HR.LOCATIONS L
43     WHERE D.LOCATION_ID = L.LOCATION_ID
44           AND CITY = 'London'
45 )
46
47

```

DEPARTMENT_ID	DEPARTMENT_NAME
40	Human Resources

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```

48
49 NOT EXISTS
50 =====
51
52 SELECT
53     D.DEPARTMENT_ID,
54     D.DEPARTMENT_NAME
55 FROM HR.DEPARTMENTS D
56 WHERE NOT EXISTS (
57     SELECT D.DEPARTMENT_ID
58     FROM HR.LOCATIONS L
59     WHERE D.LOCATION_ID = L.LOCATION_ID
60     AND CITY = 'London'
61 )
62

```

DEPARTMENT_ID	DEPARTMENT_NAME
10	Administration
20	Marketing
30	Purchasing
50	Shipping
60	IT
70	Public Relations
80	Sales
90	Executive
100	Finance
110	Accounting
120	Treasury

```

63 INSERT SELECT
64 =====
65
66 CREATE TABLE EMP (ENAME VARCHAR2(20), SALARY NUMBER(7))
67
68 INSERT INTO EMP
69     SELECT
70         FIRST_NAME,
71         SALARY
72     FROM HR.EMPLOYEES
73
74 SELECT * FROM EMP

```

ENAME	SALARY
Steven	24000
Neena	17000
Lex	17000
Alexander	9000
Bruce	6000
David	4800
Valli	4800
Diana	4200
Nancy	12008
Daniel	9000
John	8200

```

75 CREATE TABLE FOOD
76 (
77     FOOD_ID NUMBER(3),
78     FOOD_NAME VARCHAR2(10),
79     PRICE NUMBER(3)
80 )
81
82 INSERT INTO FOOD VALUES (101, 'DOSA', '25');
83 INSERT INTO FOOD (FOOD_ID, FOOD_NAME) VALUES (102, 'PIZZA');
84 INSERT INTO FOOD (FOOD_ID) VALUES (193);
85
86 SELECT
87     FOOD_NAME,
88     PRICE,
89     NVL (FOOD_NAME, 'NO FOOD') "AVAILABLE"
90 FROM FOOD

```

FOOD_NAME	PRICE	AVAILABLE
PIZZA	-	PIZZA
DOSA	25	DOSA
-	-	NO FOOD

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 3 rows selected.

```

94 SELECT
95     FOOD_NAME,
96     PRICE,
97     NVL2(FOOD_NAME, 'WE HAVE', 'DONT HAVE') "AVATLABLE"
98 FROM FOOD
99

```

FOOD_NAME	PRICE	AVATLABLE
PIZZA	-	WE HAVE
DOSA	25	WE HAVE
-	-	DONT HAVE

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3 rows selected.

```

103 UPPER AND LOWER
104 =====
105
106 SELECT
107     UPPER(FIRST_NAME) "FIRST NAME",
108     LOWER(LAST_NAME) "last name"
109 FROM HR. EMPLOYEES
110 WHERE JOB_ID = 'IT_PROG'
111

```

FIRST NAME	last name
ALEXANDER	hunold
BRUCE	ernst
DAVID	austin
VALLI	pataballa
DIANA	lorentz

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5 rows selected.