'Oracle/PLSQL **CASE statement** has the functionality of an IF-THEN-ELSE statement. Starting in Oracle 9i, you can use the **CASE statement** within a SQL statement.

1. Run the following in SCOTT schema

```
set linesize 200
set pagesize 200
SELECT
       empno,
       ename,
       deptno,
       sal,
       CASE
              WHEN sal < 1000 THEN 'Minimum Wage'
              WHEN (sal > 1000 and sal < 4000) THEN 'Average Wage'
              else 'Over Paid'
        END AS "Salary Status"
FROM   emp;
```

```
     EMPNO ENAME           DEPTNO        SAL Salary Statu
---------- ---------- ---------- ---------- ------------
      7369 SMITH              20        800 Minimum Wage
      7499 ALLEN              30       1600 Average Wage
      7521 WARD               30       1250 Average Wage
      7566 JONES              20       2975 Average Wage
      7654 MARTIN             30       1250 Average Wage
      7698 BLAKE              30       2850 Average Wage
      7782 CLARK              10       2450 Average Wage
      7788 SCOTT              20       3000 Average Wage
      7839 KING               10       5000 Over Paid
      7844 TURNER             30       1500 Average Wage
      7876 ADAMS              20       1100 Average Wage
      7900 JAMES              30        950 Minimum Wage
      7902 FORD               20       3000 Average Wage
      7934 MILLER             10       1300 Average Wage
      9999 KIRK               50       6000 Over Paid

15 rows selected.
```

2. Run the following from NILESH schema

```
set linesize 200
set pagesize 200
select
       studentID,
       First,
       Last,
       CASE
              when "Start Term" = 'WN03' THEN 'Winter 2003'
              when "Start Term" = 'SP03' THEN 'Spring 2003'
              Else 'Fall 2003'
```

```
       END as Semester
from
       student;
```

```
 STUDENTID FIRST           LAST          SEMESTER
---------- --------------- ------------ -----------
       100 Jose            Diaz         Winter 2003
       101 Mickey          Tyler        Spring 2003
       102 Rajesh          Patel        Winter 2003
       103 Deborah         Rickels      Fall 2003
       104 Brian           Lee          Winter 2003
       105 Amir            Khan         Winter 2003

6 rows selected.
```

```
select
       studentID,
       First,
       Last,
       Decode("Start Term",
                        'WN03', 'Winter 2003',
                        'SP03','Spring 2003',
                        'FL03','Fall 2003',
                        'Missing Value'
              ) AS Semester
from
       student;
```

```
 STUDENTID FIRST           LAST          SEMESTER
---------- --------------- ------------ -------------
       100 Jose            Diaz         Winter 2003
       101 Mickey          Tyler        Spring 2003
       102 Rajesh          Patel        Winter 2003
       103 Deborah         Rickels      Missing Value
       104 Brian           Lee          Winter 2003
       105 Amir            Khan         Winter 2003

6 rows selected.
```