

```

SQL> SET ECHO ON;
SQL> SET FEEDBACK ON;
SQL> SET LINESIZE 300;
SQL> SET PAGESIZE 300;
SQL> SET SERVEROUTPUT ON;
SQL> CREATE OR REPLACE FUNCTION FINDDEPENDENTS(empid IN Employee.E#%TYPE)
  2  RETURN VARCHAR IS
  3      EID Employee.E#%TYPE;
  4      Ename Employee.Name%TYPE;
  5      DEPNAME Dependent.DName%TYPE;
  6      finalRow VARCHAR(2000);
  7      CURSOR q IS
  8          /*Column ambiguously defined.*/
  9          /*SELECT Dependent.DName FROM Dependent JOIN Employee ON Dependent.E# =
Employee.E# WHERE Dependent.E#=empid;*/
 10      SELECT DName FROM Dependent WHERE E#=empid;
 11  BEGIN
 12      SELECT E#, Name INTO EID, Ename FROM Employee WHERE E#= empid;
 13      finalRow:= EID || ' ' || Ename || ': ';
 14      OPEN q;
 15      LOOP
 16          FETCH q INTO DEPNAME;
 17          IF q%NOTFOUND THEN EXIT;
 18          END IF;
 19          finalRow:= finalRow || ' ' || DEPNAME;
 20      END LOOP;
 21      CLOSE q;
 22      RETURN(finalRow);
 23  END FINDDEPENDENTS;
 24  /

```

Function created.

```
SQL> SELECT FINDDEPENDENTS(E#) AS "Dependents of Employees" FROM Employee;
```

Dependents of Employees

```
-----
-----
-----
-----
00100 Albert: Bolt Edee Judy
```

```
00101 Peter:
```

00103 Ami:

00105 Robert:

00107 Wendy:

00109 Michael:

00110 Alvin:

00120 Alice: Blues Edee Kadi

00125 Angela:

00136 Aban:

00150 Bob:

00187 Eadger:

00200 Carl: Eva

00250 Douglass:

14 rows selected.

SQL>

SQL> SPOOL OFF;