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CS275 PL/SQL

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CS275 Direct Assignment 12

**Scripts:**

set feedback on;

set serveroutput on;

DECLARE

-- DECLARE DONOR TYPE

TYPE DONOR\_T IS RECORD

(IDDONOR DONOR.IDDONOR%TYPE,

FIRSTNAME DONOR.FIRSTNAME%TYPE,

LASTNAME DONOR.LASTNAME%TYPE);

-- GET DONOR DATA

CURSOR DONOR\_CUR IS

SELECT DONOR.IDDONOR, DONOR.FIRSTNAME, DONOR.LASTNAME

FROM DONOR;

-- ARRAY TYPE

TYPE LIST\_OF\_DONORS IS TABLE OF DONOR\_T

INDEX BY PLS\_INTEGER;

-- DECLARE ARRAY

DONOR\_lIST LIST\_OF\_DONORS;

ROW\_INDEX PLS\_INTEGER := 0;

BEGIN

-- FILL ARRAY

FOR DONOR\_REC IN DONOR\_CUR

LOOP

-- PUT RECORD DATA INTO ARRAY

DONOR\_lIST (ROW\_INDEX) := DONOR\_REC;

-- INCREMENT INDEX

ROW\_INDEX := ROW\_INDEX + 1;

END LOOP;

-- PRINT ARRAY

FOR INDX IN DONOR\_lIST.FIRST .. DONOR\_lIST.LAST

LOOP

DBMS\_OUTPUT.PUT\_LINE('------------------------------------------');

DBMS\_OUTPUT.PUT\_LINE('Donor ID is: ' || DONOR\_lIST(INDX).IDDONOR);

DBMS\_OUTPUT.PUT\_LINE('First Name is: ' || DONOR\_lIST(INDX).FIRSTNAME);

DBMS\_OUTPUT.PUT\_LINE('Last Name is: ' || DONOR\_lIST(INDX).LASTNAME);

END LOOP;

END;

**Screenshots:**



