1. SET SERVEROUTPUT ON;

DECLARE

V\_COUNTRY\_RECORD COUNTRIES%ROWTYPE;

V\_COUNTRY\_ID CHAR(2);

BEGIN

SELECT COUNTRY\_ID,COUNTRY\_NAME,REGION\_ID

INTO V\_COUNTRY\_ID,V\_COUNTRY\_RECORD.COUNTRY\_NAME,V\_COUNTRY\_RECORD.REGION\_ID

FROM COUNTRIES

WHERE COUNTRY\_ID = UPPER('&COUNTRY\_ID');

DBMS\_OUTPUT.PUT\_LINE('Country Id: '||V\_COUNTRY\_ID||' Country Name: '||V\_COUNTRY\_RECORD.COUNTRY\_NAME||' Region: '||V\_COUNTRY\_RECORD.REGION\_ID);

END;

1. SET SERVEROUTPUT ON;

DECLARE

type dept\_table\_type is table of departments.department\_name%type

Index by PLS\_INTEGER;

my\_dept\_table dept\_table\_type;

loop\_count NUMBER(2) := 10;

v\_deptno NUMBER(4) := 0;

BEGIN

FOR i IN 1..loop\_count

LOOP

v\_deptno:=v\_deptno+10;

SELECT department\_name

INTO my\_dept\_table(i)

FROM departments

WHERE department\_id = v\_deptno;

END LOOP;

FOR i IN 1..loop\_count

LOOP

DBMS\_OUTPUT.PUT\_LINE(my\_dept\_table(i));

END LOOP;

END;

1. SET SERVEROUTPUT ON;

DECLARE

type dept\_table\_type is table of departments%rowtype

Index by PLS\_INTEGER;

my\_dept\_table dept\_table\_type;

loop\_count NUMBER(2) := 10;

v\_deptno NUMBER(4) := 0;

BEGIN

FOR i IN 1..loop\_count

LOOP

v\_deptno:=v\_deptno+10;

SELECT department\_id,department\_name,manager\_id, location\_id

INTO my\_dept\_table(i)

FROM departments

WHERE department\_id = v\_deptno;

END LOOP;

FOR i IN 1..loop\_count

LOOP

DBMS\_OUTPUT.PUT\_LINE( 'Department Number: '||my\_dept\_table(i).department\_id||'Department Name: '||my\_dept\_table(i).department\_name||'Manager Id: '||my\_dept\_table(i).manager\_id||'Location Id: '||my\_dept\_table(i).location\_id);

END LOOP;

END;