Andrzej Kaczmarek  
  
Bazy i struktury danych

**CW4**

**3.**

CREATE TABLE new (id varchar(10));

BEGIN

FOR i IN 1..10

LOOP

IF (NOT (i=4 OR i=6)) THEN INSERT INTO new VALUES (i);

END IF;

END LOOP;

END;

**4.**

DECLARE

country\_row COUNTRIES%ROWTYPE;

BEGIN

SELECT COUNTRY\_ID ,COUNTRY\_NAME ,REGION\_ID INTO country\_row

FROM COUNTRIES

WHERE COUNTRY\_ID = 'CA';

DBMS\_OUTPUT.PUT\_LINE(country\_row.country\_name);

DBMS\_OUTPUT.PUT\_LINE(country\_row.country\_id);

END;

**5.**  
DECLARE

TYPE departments\_name IS TABLE OF

DEPARTMENTS.DEPARTMENT\_NAME%TYPE INDEX BY

PLS\_INTEGER;

names departments\_name;

BEGIN

FOR i IN 1..100 LOOP

IF (MOD(i,10)=0)

THEN

SELECT department\_name INTO names(i) FROM DEPARTMENTS

WHERE DEPARTMENT\_ID=i;

DBMS\_OUTPUT.PUT\_LINE(names(i));

END IF;

END LOOP;

END;

**6.**

SELECT DEPARTMENT\_ID ,DEPARTMENT\_NAME ,MANAGER\_ID ,LOCATION\_ID INTO names(i) FROM DEPARTMENTS

WHERE DEPARTMENT\_ID=i;

DBMS\_OUTPUT.PUT\_LINE(names(i).DEPARTMENT\_ID || ' ' || names(i).DEPARTMENT\_NAME || ' ' || names(i).MANAGER\_ID || ' ' || names(i).LOCATION\_ID);