Din exercitiile de rezolvat:

-- 2 a

--Cristea Petru-Theodor

CREATE OR REPLACE TYPE tip\_orase\_cpt IS TABLE OF VARCHAR2(200);

/

CREATE TABLE excursie\_cpt (

cod\_excursie NUMBER(4) CONSTRAINT PK\_EXCURSIE\_cpt PRIMARY KEY,

denumire VARCHAR(20),

orase tip\_orase\_cpt,

status VARCHAR(20) CONSTRAINT check\_status\_cpt CHECK(status in ('UNAVAILABLE','AVAILABLE'))

)

NESTED TABLE orase STORE AS tabel\_orase\_cpt;

SELECT \*

FROM excursie\_cpt;

-- a.

INSERT INTO excursie\_cpt

VALUES (1, 'FRANCE', tip\_orase\_cpt('LYON', 'BORDEAUX', 'NANTE', 'PARIS', 'MONTPELLIER'), 'AVAILABLE');

INSERT INTO excursie\_cpt

VALUES (2, 'UK', tip\_orase\_cpt('LONDON', 'LIVERPOOL', 'MANCHESTER', 'LEEDS', 'CARDIFF'), 'UNAVAILABLE');

INSERT INTO excursie\_cpt

VALUES (3, 'ITALY', tip\_orase\_cpt('ROMA', 'MILAN', 'TORINO', 'CATANIA', 'BRESCIA'), 'AVAILABLE');

INSERT INTO excursie\_cpt

VALUES (4, 'GERMANY', tip\_orase\_cpt('MUNCHEN', 'DORTMUND', 'FRANKFURT', 'WOLFSBURG', 'BERLIN'), 'AVAILABLE');

INSERT INTO excursie\_cpt

VALUES (5, 'SPAIN', tip\_orase\_cpt('MADRID', 'BARCELONA', 'SEVILLA', 'VALENCIA', 'BILBAO'), 'UNAVAILABLE');

select \* from excursie\_cpt;

-- 2 b

-- b

-- -

DECLARE

v\_orase excursie\_prof.orase%TYPE;

BEGIN

SELECT orase

INTO v\_orase

FROM excursie\_prof

WHERE cod\_excursie = 1;

-- adaug un oras la final

v\_orase.extend;

v\_orase(v\_orase.LAST) := 'TEST\_ULT';

UPDATE excursie\_prof

SET orase = v\_orase

WHERE cod\_excursie = 1;

END;

/

-- -

DECLARE

v\_orase excursie\_prof.orase%TYPE;

BEGIN

SELECT orase

INTO v\_orase

FROM excursie\_prof

WHERE cod\_excursie = 1;

-- adaug un oras in pozitia 2

-- idee 1

-- extend

-- cu un for luam elem de la index-ul 2 in sus cu o pozitie inainte (pe idx 3 va fi el de la idx 2)

--punem pe idx 2 noul oras

-- idee 2

-- mai facem o variabila v\_orase\_noi

-- facem v\_orase noi sa contina noul oras pe idx 2

UPDATE excursie\_prof

SET orase = v\_orase

WHERE cod\_excursie = 1;

END;

/

-- 2 c

-- 2 d

-- 2 e