7.

-- create dimensions

DROP DIMENSION locatie;

CREATE DIMENSION locatie

LEVEL locatie\_id IS (dim\_locatie.id\_locatie)

LEVEL strada IS (dim\_locatie.strada)

LEVEL oras IS (dim\_locatie.oras)

LEVEL tara IS (dim\_locatie.tara)

HIERARCHY ierarhie\_locatie (locatie\_id CHILD OF strada CHILD OF oras CHILD OF tara)

ATTRIBUTE locatie\_info LEVEL locatie\_id DETERMINES

(dim\_locatie.strada, dim\_locatie.oras, dim\_locatie.tara, dim\_locatie.site);

DROP DIMENSION timp;

CREATE DIMENSION timp

LEVEL data\_id IS (dim\_calendar.id\_data)

LEVEL data IS (dim\_calendar.data)

LEVEL anul IS (dim\_calendar.anul)

HIERARCHY ierarhie\_timp (data\_id CHILD OF data CHILD OF anul)

ATTRIBUTE timp\_id\_info LEVEL data\_id DETERMINES

(dim\_calendar.id\_data, dim\_calendar.data, dim\_calendar.ziua, dim\_calendar.luna, dim\_calendar.anul)

ATTRIBUTE timp\_data\_info LEVEL data DETERMINES

(dim\_calendar.id\_data, dim\_calendar.data, dim\_calendar.ziua, dim\_calendar.luna, dim\_calendar.anul);

-- display dimensions

SET SERVEROUTPUT ON FORMAT WRAPPED; --to improve the display of info

EXECUTE DBMS\_DIMENSION.DESCRIBE\_DIMENSION('locatie');

EXECUTE DBMS\_DIMENSION.DESCRIBE\_DIMENSION('timp');

-- stergerea exceptiilor vechi (doar daca este necesar)

DELETE (SELECT \* FROM dimension\_exceptions);

-- validate dimensions

-- used to create dimensions exceptions table

@utldim.sql

EXECUTE DBMS\_DIMENSION.VALIDATE\_DIMENSION ('locatie', FALSE, TRUE, 'validare locatie');

EXECUTE DBMS\_DIMENSION.VALIDATE\_DIMENSION ('timp', FALSE, TRUE, 'validare timp');

-- verificarea exceptiilor

SELECT \* FROM dimension\_exceptions;

-- match-uirea exceptiilor in tabela pentru identificarea randurilor cu probleme

SELECT \* FROM dim\_locatie

WHERE rowid IN (SELECT bad\_rowid

FROM dimension\_exceptions

WHERE statement\_id = 'validare locatie');

SELECT \* FROM dim\_calendar

WHERE rowid IN (SELECT bad\_rowid

FROM dimension\_exceptions

WHERE statement\_id = 'validare timp');