CREATE OR REPLACE DIRECTORY ext\_file\_ds AS 'C:\Users\Iustinel\Desktop\Master\Anul 2 semestrul 2\Sisteme de Integrare Informationala\Proiect\_Football Championship';

GRANT ALL ON DIRECTORY ext\_file\_ds TO PUBLIC;

SELECT \* FROM all\_directories;

SELECT \* FROM all\_directories WHERE directory\_name='EXT\_FILE\_DS';

CREATE OR REPLACE VIEW countries\_view AS

select x.countryName, x.countryPopulation

from XMLTABLE(

'/countries/country'

passing xmltype(

bfilename('EXT\_FILE\_DS', 'Country\_Stadiums\_FootballApplication.xml')

, nls\_charset\_id('AL32UTF8')

)

columns

countryName varchar2(20) path 'countryName'

, countryPopulation integer path 'countryPopulation'

) x;

SELECT \* FROM countries\_view;

CREATE OR REPLACE VIEW stadiums\_view AS

select x.idStadium, x.nameStadium, x.capacity, x.city

from xmltable(

'/countries/country/stadiums/stadium'

passing xmltype(

bfilename('EXT\_FILE\_DS', 'Country\_Stadiums\_FootballApplication.xml')

, nls\_charset\_id('AL32UTF8')

)

columns

idStadium integer path 'idStadium'

, nameStadium varchar2(20) path 'nameStadium'

, capacity integer path 'capacity'

, city varchar2(20) path 'city'

) x;

SELECT \* FROM stadiums\_view;

CREATE OR REPLACE VIEW countries\_stadiums\_all\_view AS

WITH

countries\_data AS (

select xt.\*

from XMLTABLE(

'/countries/country'

passing XMLTYPE(

bfilename('EXT\_FILE\_DS', 'Country\_Stadiums\_FootballApplication.xml')

, nls\_charset\_id('AL32UTF8')

)

columns

countryName varchar2(20) path 'countryName'

, countryPopulation integer path 'countryPopulation'

, stadiums XMLTYPE path 'stadiums'

) xt

),

stadiums\_data AS (

SELECT

dd.countryName, dd.countryPopulation,

xt2.idStadium, xt2.nameStadium, xt2.capacity, xt2.city

FROM countries\_data dd,

XMLTABLE('/stadiums/stadium'

PASSING dd.stadiums

COLUMNS

idStadium integer path 'idStadium'

, nameStadium varchar2(20) path 'nameStadium'

, capacity integer path 'capacity'

, city varchar2(20) path 'city'

) xt2

)

SELECT \* FROM stadiums\_data;

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SELECT \* FROM countries\_stadiums\_all\_view;