Assignment 2: Database Creation , Deletion, & OEM

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Assignment Overview

1 . Create a New Pluggable Database (PDB)

- **Pdb name : oc_pdb_27493**
- **Admin user Octave_plsqlquca_27493**
- **Password : password**
- **Role : DBA**
- **Purpose : Store all class work**

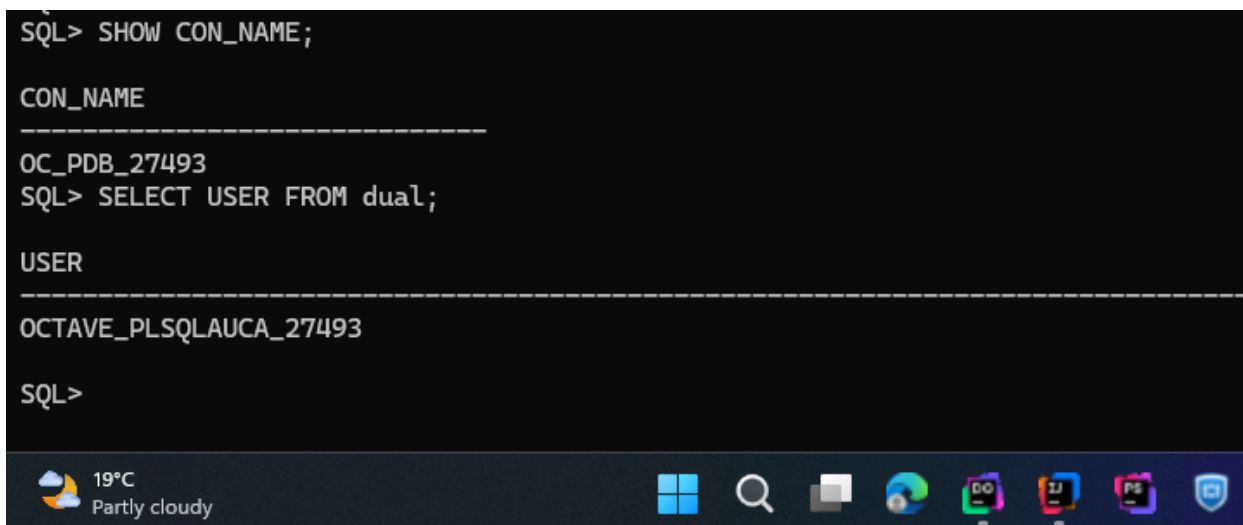**2. Create and delete temporary pdb**

- **Pdb name: oc_to_delete_pdb_27493**
- **Admin user octave_plsqlauca_temp_27493**
- **Task: create the pdb, then delete it**
- **Purpose : practice pdb creation and deletion**

3 . Oracle enterprise manager (oem)

- **Attempted to access EM Express in Free Edition**

4.Screenshots
Users:

```
SQL> SHOW CON_NAME;

CON_NAME
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OC_PDB_27493
SQL> SELECT USER FROM dual;

USER
--------------------------------------------------------------------
OCTAVE_PLSQLAUCA_27493

SQL>
```

Temporary PDB creation and deletion

a) Pdb creation

```
SQL> CREATE PLUGGABLE DATABASE oc_to_delete_pdb_27493
  2  ADMIN USER Octave_plsqlauca_delete_27493 IDENTIFIED BY password
  3  ROLES = (DBA)
  4  DEFAULT TABLESPACE users
  5  DATAFILE 'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\oc_to_delete_pdb_27493\system01.dbf' SIZE 250M AUTOEXTEND ON
  6  FILE_NAME_CONVERT = (
  7    'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\PDBSEED\',
  8    'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\oc_to_delete_pdb_27493\'
  9  );

Pluggable database created.

SQL>
SQL> ALTER PLUGGABLE DATABASE oc_to_delete_pdb_27493 OPEN;

Pluggable database altered.

SQL> ALTER PLUGGABLE DATABASE oc_to_delete_pdb_27493 SAVE STATE;

Pluggable database altered.

SQL> sqlplus Octave_plsqlauca_27493/password@//localhost:1521/oc_pdb_27493
```

b) Pdb deletion

```
SQL>
SQL> -- Drop including datafiles
SQL> DROP PLUGGABLE DATABASE oc_to_delete_pdb_27493 INCLUDING DATAFILES;

Pluggable database dropped.

SQL>
SQL> -- Verify deletion
SQL> SELECT name, open_mode FROM v$containers;

NAME
--------------------------------------------------------------------------------
OPEN_MODE
----------
CDB$ROOT
READ WRITE

PDB$SEED
READ ONLY

FREEPDB1
READ WRITE
```

Notes / issues Encountered

1. EM Express not working
   - /EM/ returned "Not implemented"
2. Directory Creation for PDB
   - Mkdir commands failed in sql*plus
   - Solution: i created directories manually in windows file explore before creating pdb