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# PL/SQL Assignment – PDB Creation, Deletion & OEM Configuration

## Overview

This project demonstrates the use of Oracle Multitenant Architecture by:  
1. Creating a new Pluggable Database (PDB).  
2. Creating and then deleting another PDB.  
3. Configuring Oracle Enterprise Manager (OEM) and verifying database status.

## Tasks

### Task 1: Create a New PDB

- PDB Name: fl\_pdb\_27857  
- Admin User: flavien\_plsqlauca\_27857  
- Password: (simple password chosen for the lab)

Command used:

CREATE PLUGGABLE DATABASE fl\_pdb\_27857  
 ADMIN USER flavien\_plsqlauca\_27857 IDENTIFIED BY \*\*\*  
 FILE\_NAME\_CONVERT = (  
 'C:/Users/Fujitsu/OneDrive/Desktop/Software/oradata/ORCL/pdbseed/',  
 'C:/Users/Fujitsu/OneDrive/Desktop/Software/oradata/ORCL/fl\_pdb\_27857/'  
 );  
  
ALTER PLUGGABLE DATABASE fl\_pdb\_27857 OPEN;  
ALTER PLUGGABLE DATABASE fl\_pdb\_27857 SAVE STATE;

### Task 2: Create and Delete Another PDB

- PDB Name: fl\_to\_delete\_pdb\_27857

Commands used:

CREATING:

CREATE PLUGGABLE DATABASE fl\_to\_delete\_pdb\_27857  
 ADMIN USER flavien\_plsqlauca\_27857 IDENTIFIED BY \*\*\*  
 FILE\_NAME\_CONVERT = (  
 'C:/Users/Fujitsu/OneDrive/Desktop/Software/oradata/ORCL/pdbseed/',  
 'C:/Users/Fujitsu/OneDrive/Desktop/Software/oradata/ORCL/fl\_to\_delete\_pdb\_27857/'  
 );  
DELETING:

ALTER PLUGGABLE DATABASE fl\_to\_delete\_pdb\_27857 OPEN;  
  
ALTER PLUGGABLE DATABASE fl\_to\_delete\_pdb\_27857 CLOSE IMMEDIATE;  
DROP PLUGGABLE DATABASE fl\_to\_delete\_pdb\_27857 INCLUDING DATAFILES;

### Task 3: Oracle Enterprise Manager (OEM)

OEM port enabled using:

EXEC DBMS\_XDB\_CONFIG.SETHTTPSPORT(8443);

- Accessed via: https://localhost:8443/em

## Issues Encountered & Solutions

- SSL Browser Warning (“Your connection is not private”)  
 ➝ Bypassed by selecting Advanced → Proceed to localhost.

## Conclusion

All tasks were successfully completed:  
- A main PDB (fl\_pdb\_27857) was created and configured for coursework.  
- A temporary PDB (fl\_to\_delete\_pdb\_27857) was created and dropped.  
- Oracle Enterprise Manager was enabled and verified.