

## Oracle Pluggable Database Assignment Report

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### 1. Overview of Tasks

This assignment focused on Oracle Pluggable Databases (PDBs) and Oracle Enterprise Manager (OEM). The tasks included:

1. Creating a new PDB (EL\_PDB\_27492) and an admin user (elie\_plsqlauca\_27492).
2. Creating and deleting another PDB (EL\_to\_delete\_pdb\_27492).
3. Configuring and accessing Oracle Enterprise Manager Express.

### 2. Task 1: Create a New PDB

**PDB Name:** EL\_PDB\_27492

**Admin Username:** elie\_plsqlauca\_27492

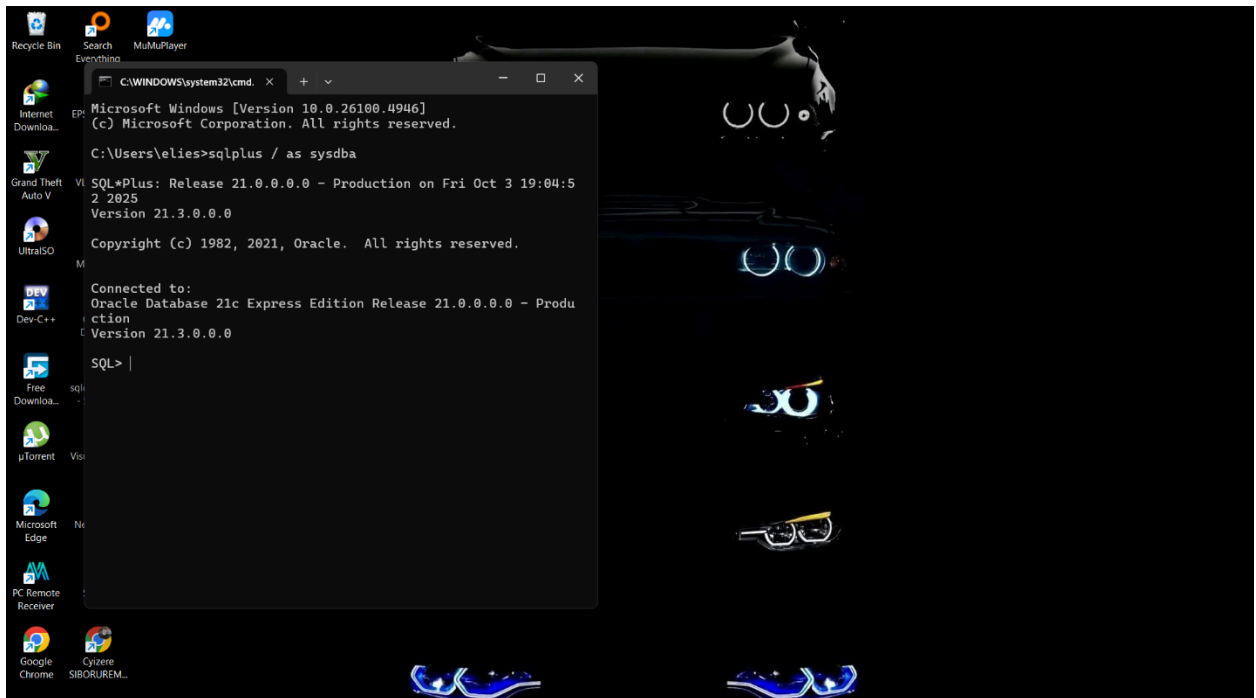
**Password:** [Your chosen password]

#### Steps Performed:

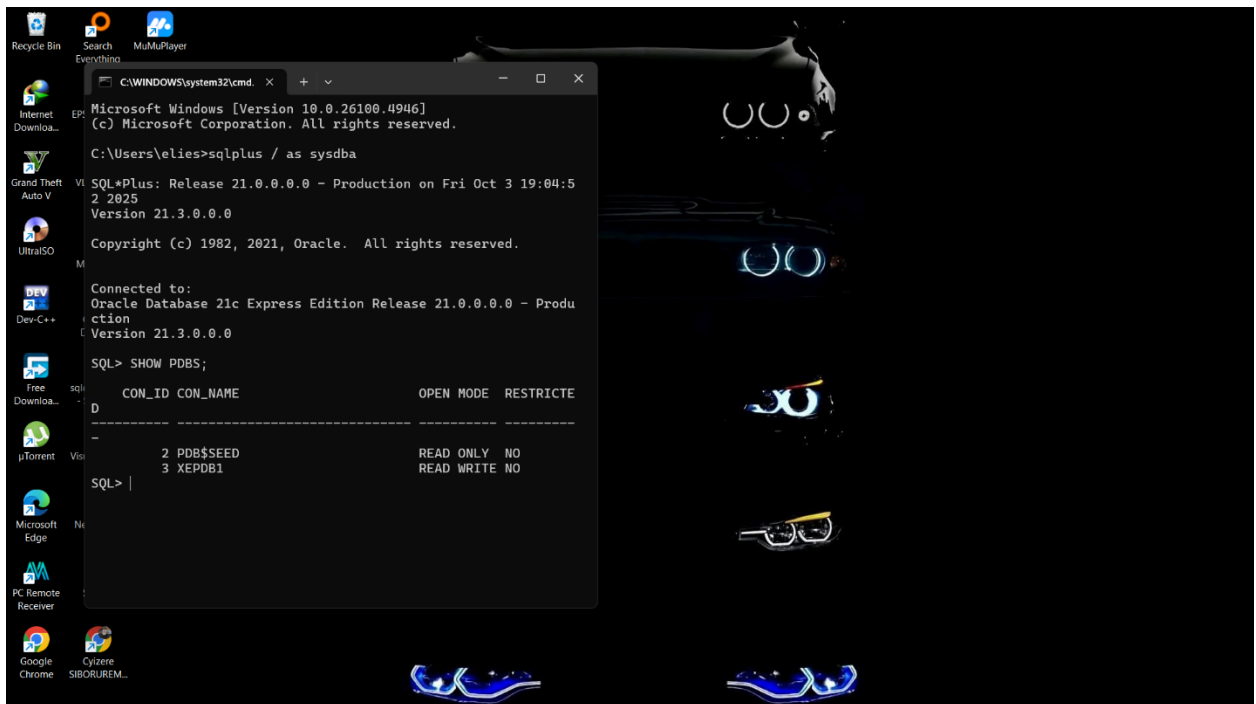
1. Logged in as SYSDBA:

Sql used

*sqlplus / as sysdba*



*Before we create a new PDB as you can see on the screenshot there is not PDB before*



## 2. Creating the PDB:

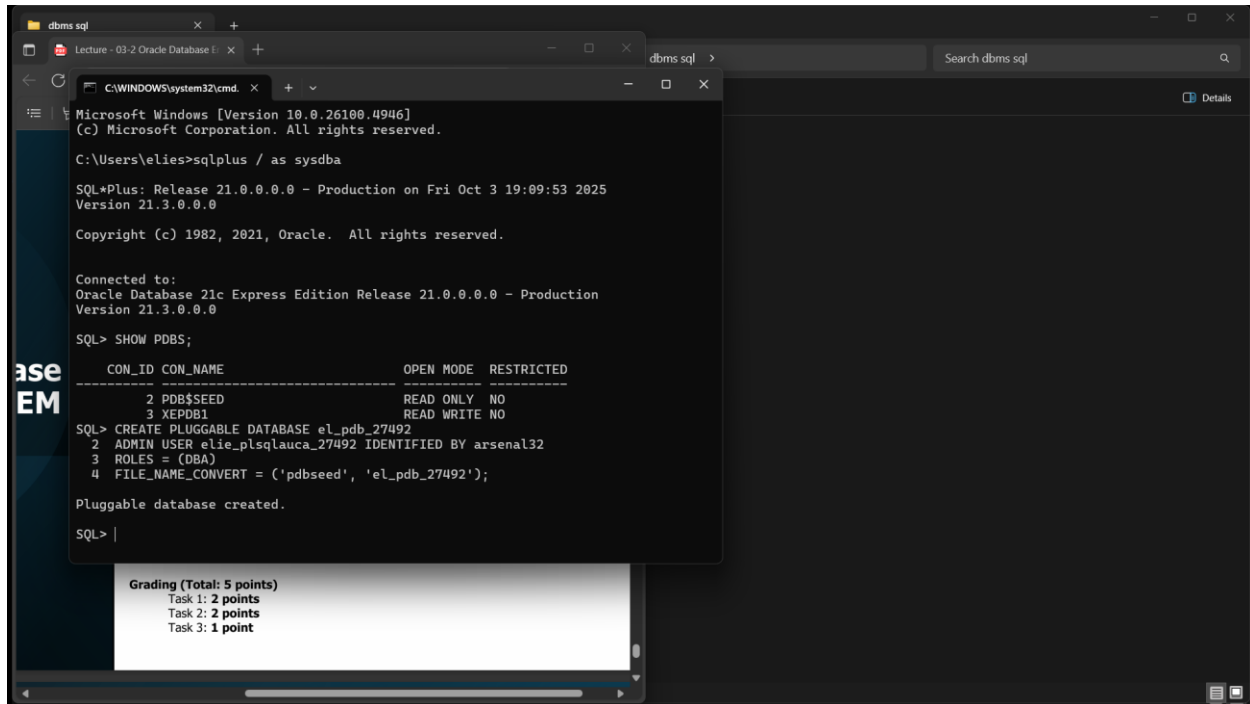
### Sql used

*CREATE PLUGGABLE DATABASE EL\_PDB\_27492*

*ADMIN USER elie\_plsqlauca\_27492 IDENTIFIED BY [YourPassword]*

*ROLES = (DBA)*

*FILE\_NAME\_CONVERT = ('pdbseed', 'EL\_PDB\_27492');*



```
Microsoft Windows [Version 10.0.26100.4946]
(c) Microsoft Corporation. All rights reserved.

C:\Users\elies>sqlplus / as sysdba

SQL*Plus: Release 21.0.0.0.0 - Production on Fri Oct 3 19:09:53 2025
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Connected to:
Oracle Database 21c Express Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> SHOW PDBS;

  CON_ID CON_NAME          OPEN MODE  RESTRICTED
  -----
  2 PDB$SEED                READ ONLY NO
  3 XEPDB1                  READ WRITE NO

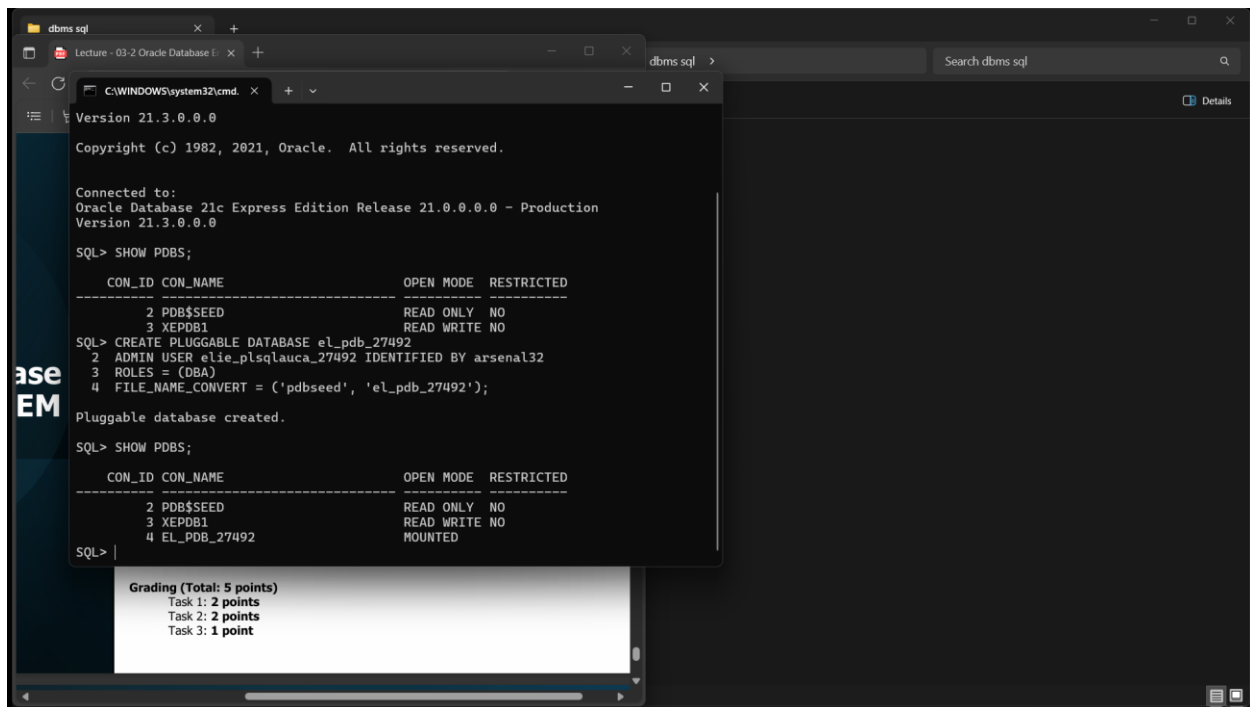
SQL> CREATE PLUGGABLE DATABASE el_pdb.27492
  2 ADMIN USER elie_plsqlauca_27492 IDENTIFIED BY arsenal32
  3 ROLES = (DBA)
  4 FILE_NAME_CONVERT = ('pdbseed', 'el_pdb.27492');

Pluggable database created.

SQL> |
```

Grading (Total: 5 points)  
Task 1: 2 points  
Task 2: 2 points  
Task 3: 1 point

Before I create the other PDB I want to show you the one that I created



As you can see the PDB has been created

### 3. Task 2: Create and Delete a PDB

PDB Name should be names : EL\_to\_delete\_pdb\_27492

Steps Performed:

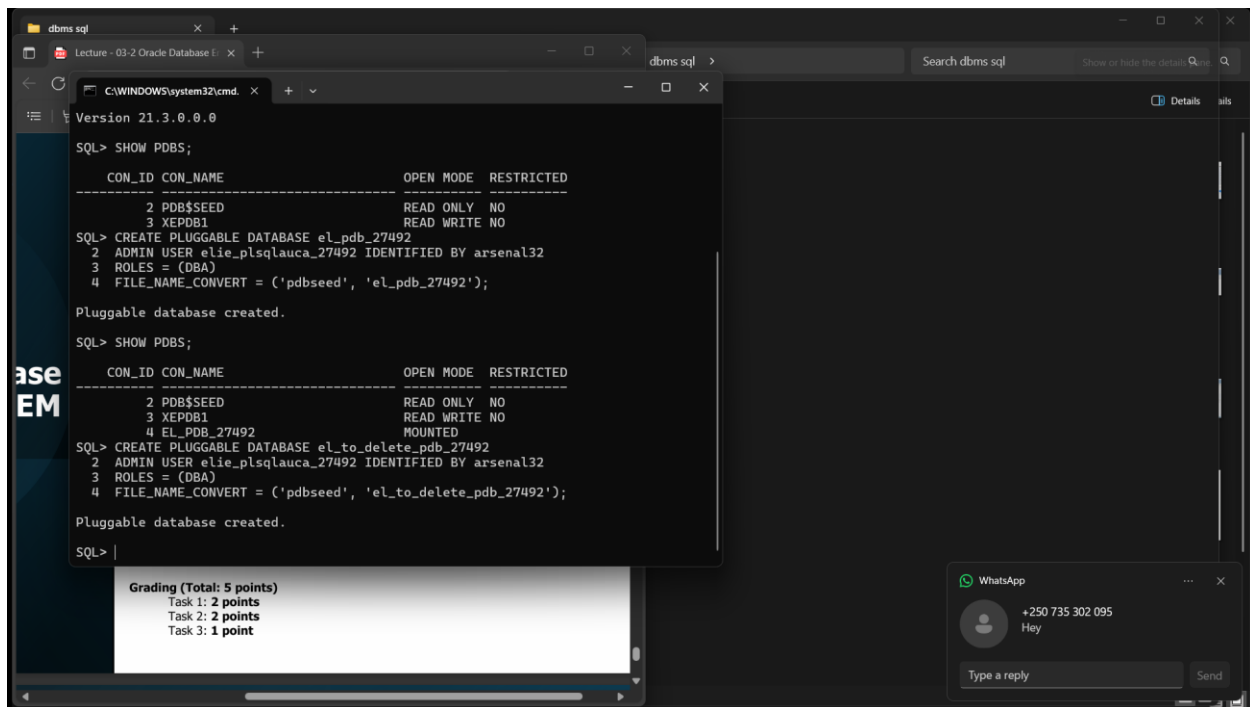
#### Sql used

*CREATE PLUGGABLE DATABASE EL\_to\_delete\_pdb\_27492*

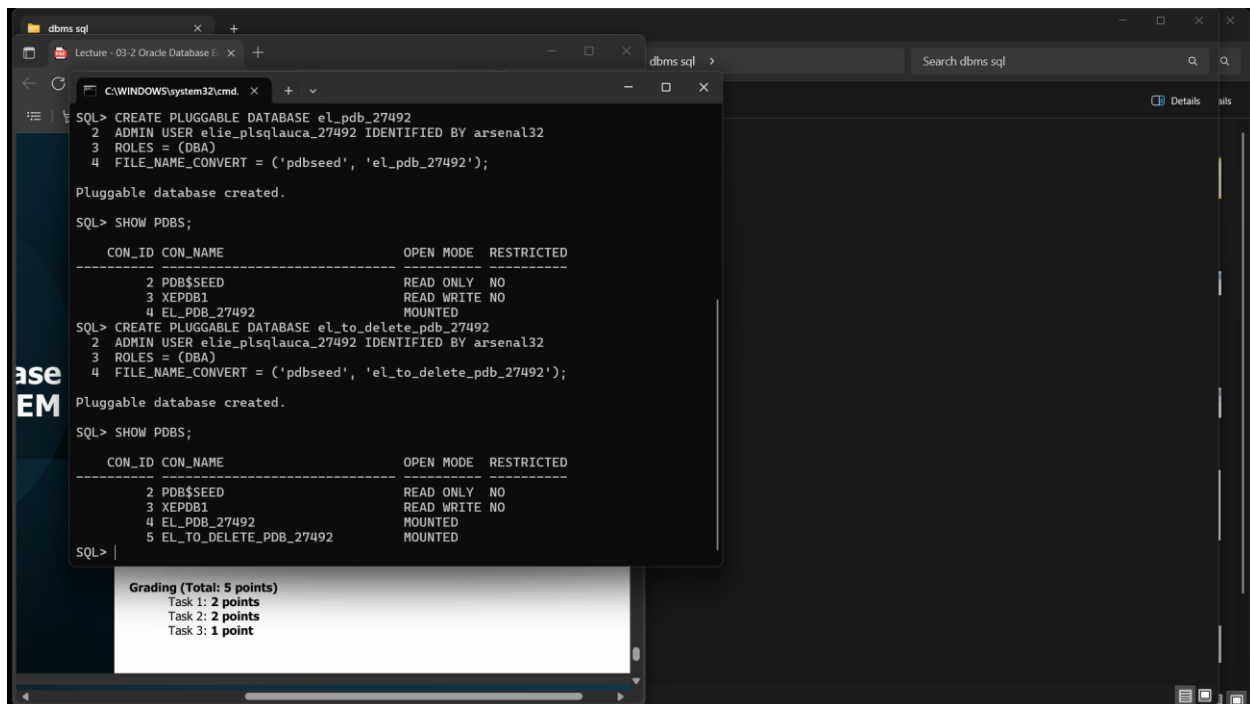
*ADMIN USER elie\_plsqlauca\_27492 IDENTIFIED BY [YourPassword]*

*ROLES = (DBA)*

*FILE\_NAME\_CONVERT = ('pdbseed', 'EL\_to\_delete\_pdb\_27492');*



As you can see the other PDB is created let me show you that now we have 2 PDB



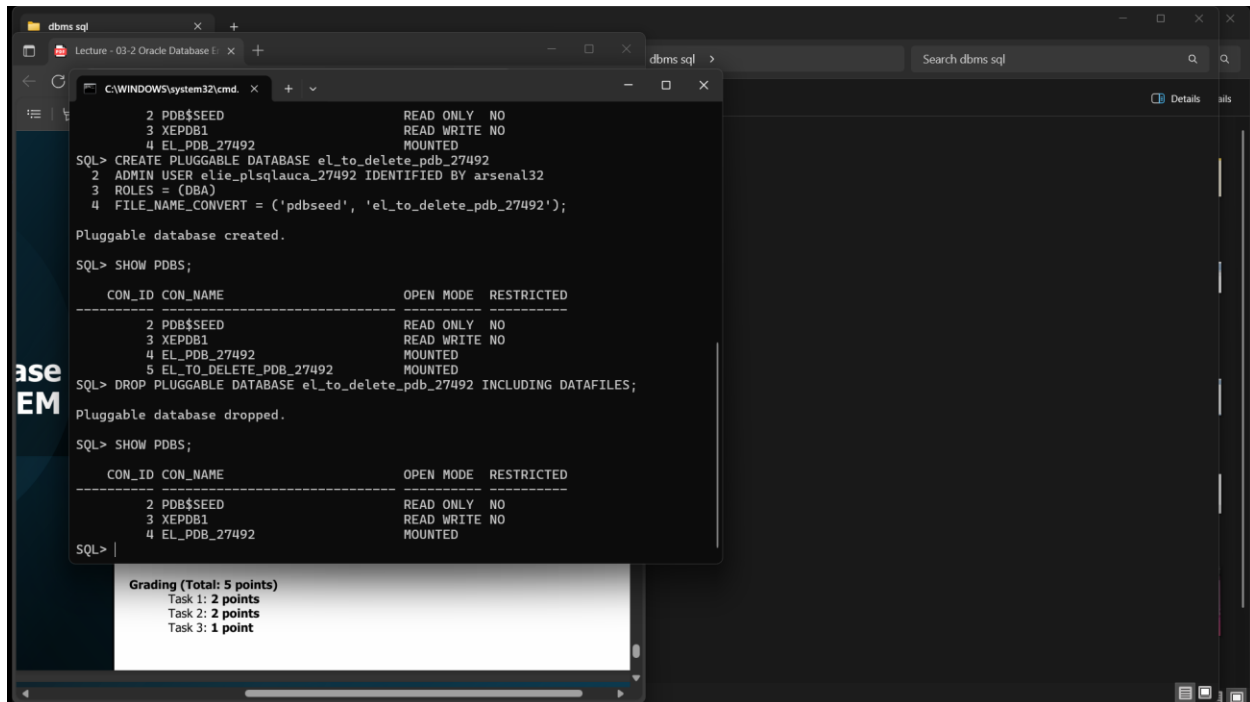
So now I am going to delete that one

deleting the PDB:

sql used

*DROP PLUGGABLE DATABASE EL\_to\_delete\_pdb\_27492 INCLUDING DATAFILES;*

*SHOW PDBS;*



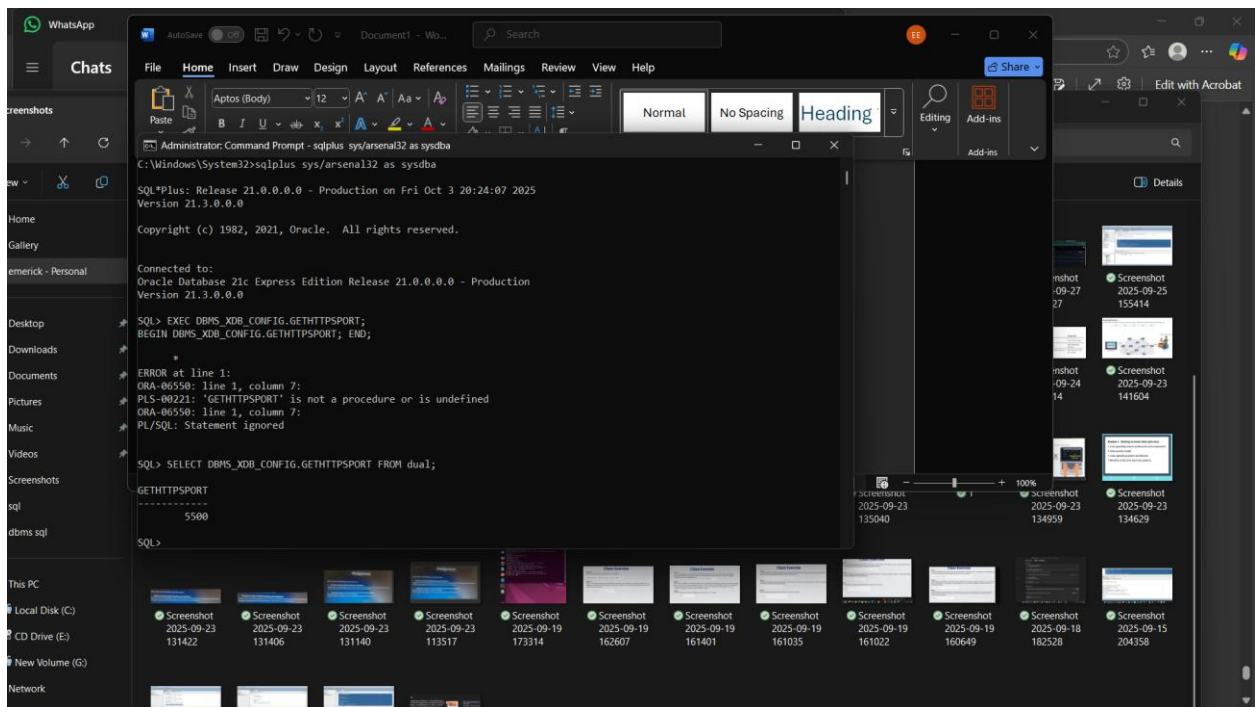
#### 4. Task 3: Oracle Enterprise Manager (OEM)

Steps Performed:

1. Verified OEM port and status:

sql used

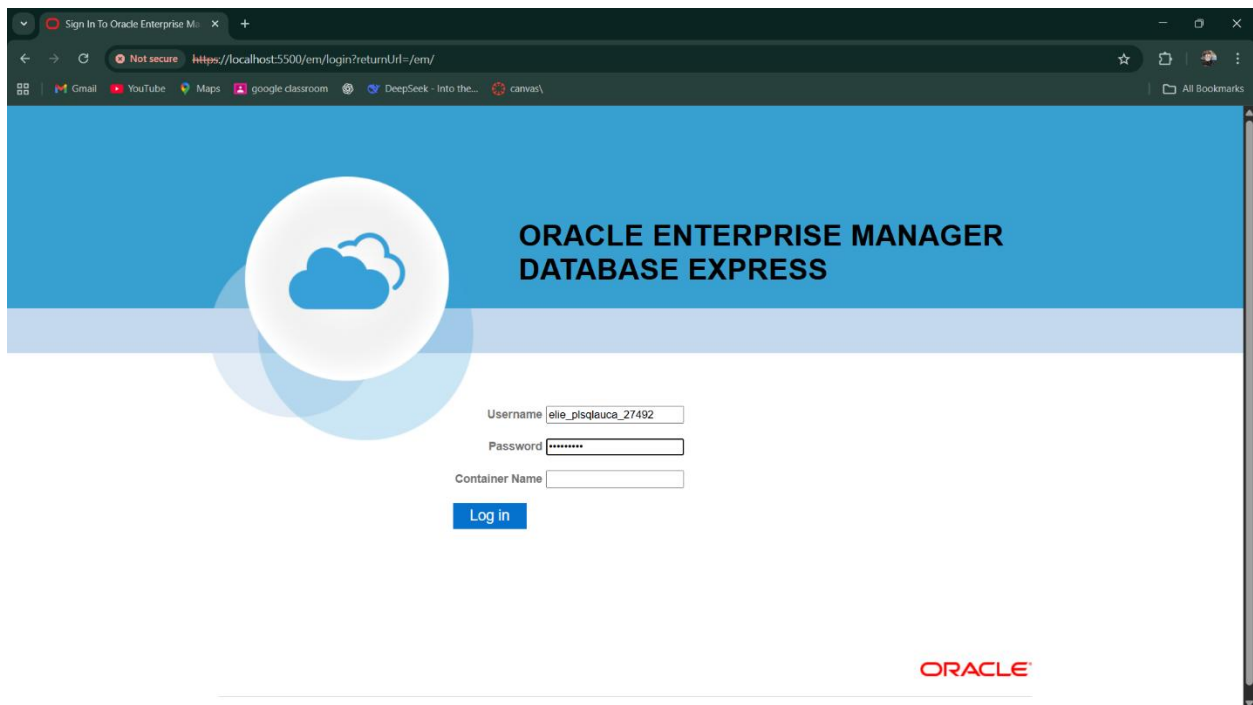
*SELECT DBMS\_XDB\_CONFIG.GETHTTPSPORT FROM dual;*



Result: 5500 → OEM enabled.

Then I opened the browser and I put this url in the search box

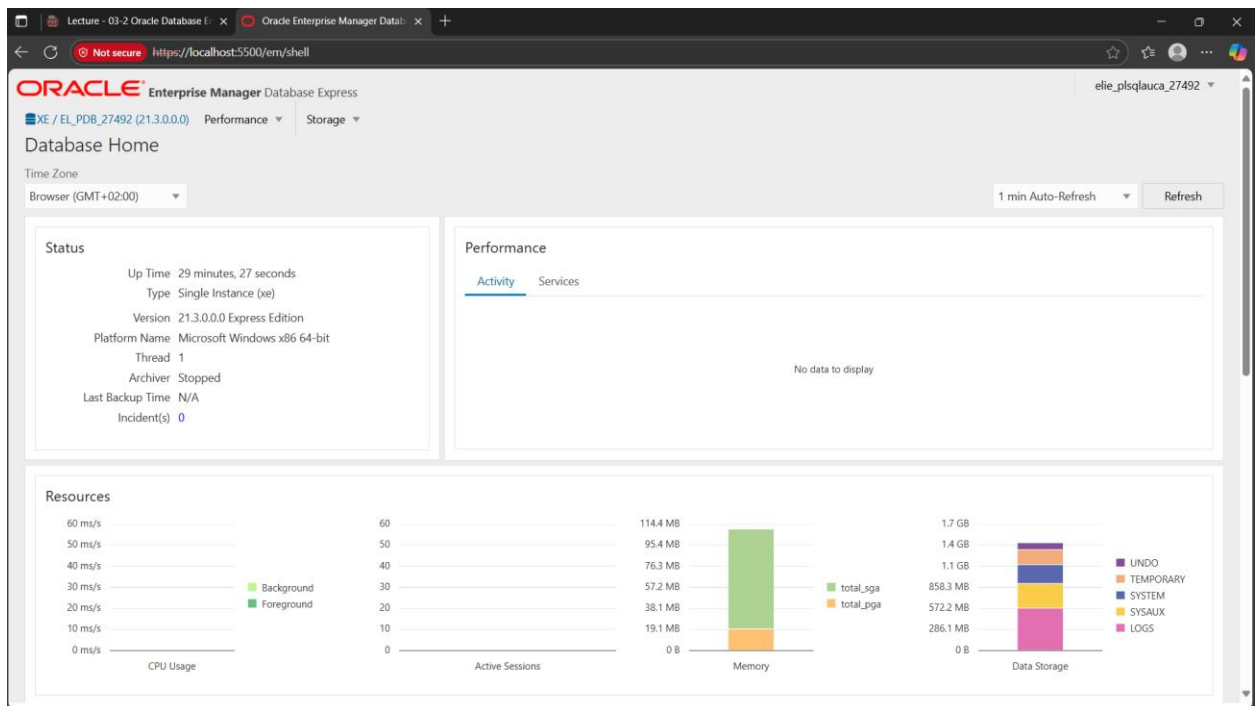
<https://localhost:5500/em/>



Logged in with:

- **Username:** elie\_plsqlauca\_27492
- **Password:** \*\*\*\*\*
- **Container/Service:** EL\_PDB\_27492

**Confirmed dashboard loaded and username displayed.**



**Thank you**