

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

2. Creating the PDB:

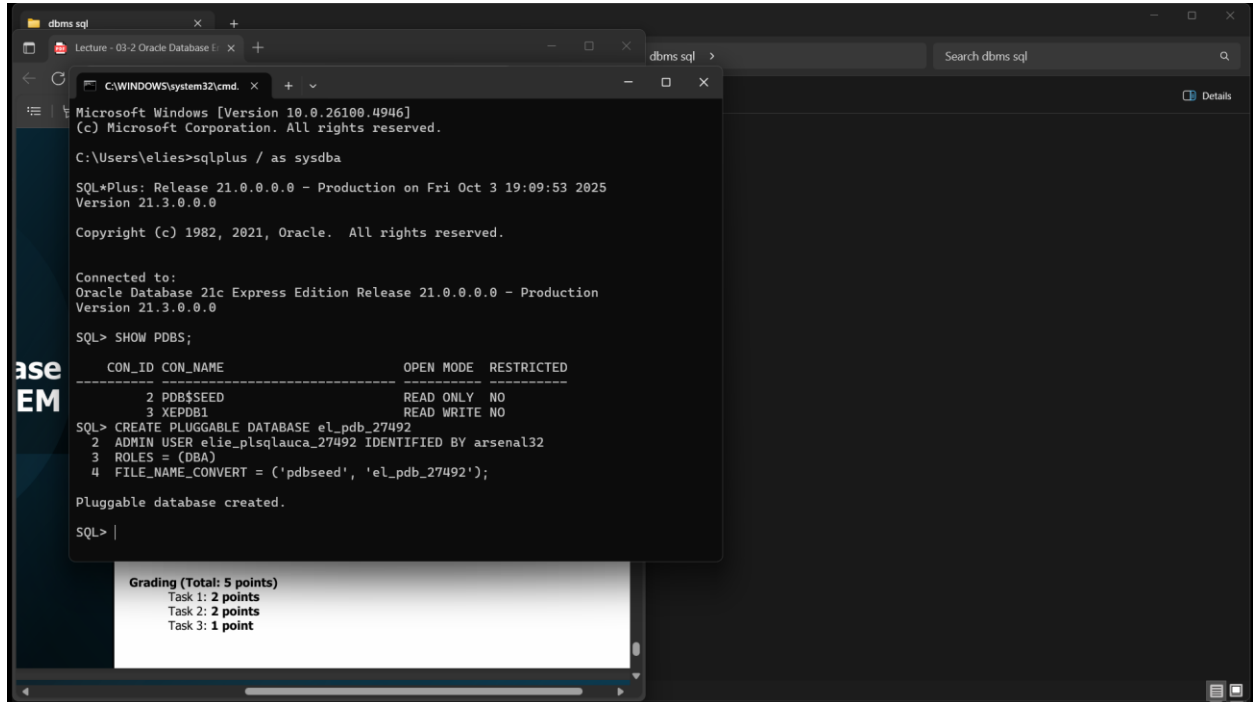
Sql used

CREATE PLUGGABLE DATABASE EL_PDB_27492

ADMIN USER elie_plsqlauca_27492 IDENTIFIED BY [YourPassword]

ROLES = (DBA)

FILE_NAME_CONVERT = ('pdbseed', 'EL_PDB_27492');



The screenshot shows a Windows command prompt window with a SQL*Plus session. The user has connected as sysdba to an Oracle Database 21c Express Edition. The session shows the execution of the 'CREATE PLUGGABLE DATABASE' command, which successfully creates the PDB 'EL_PDB_27492' with an admin user 'elie_plsqlauca_27492' and the specified roles and file name convert.

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

C:\Users\elie>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

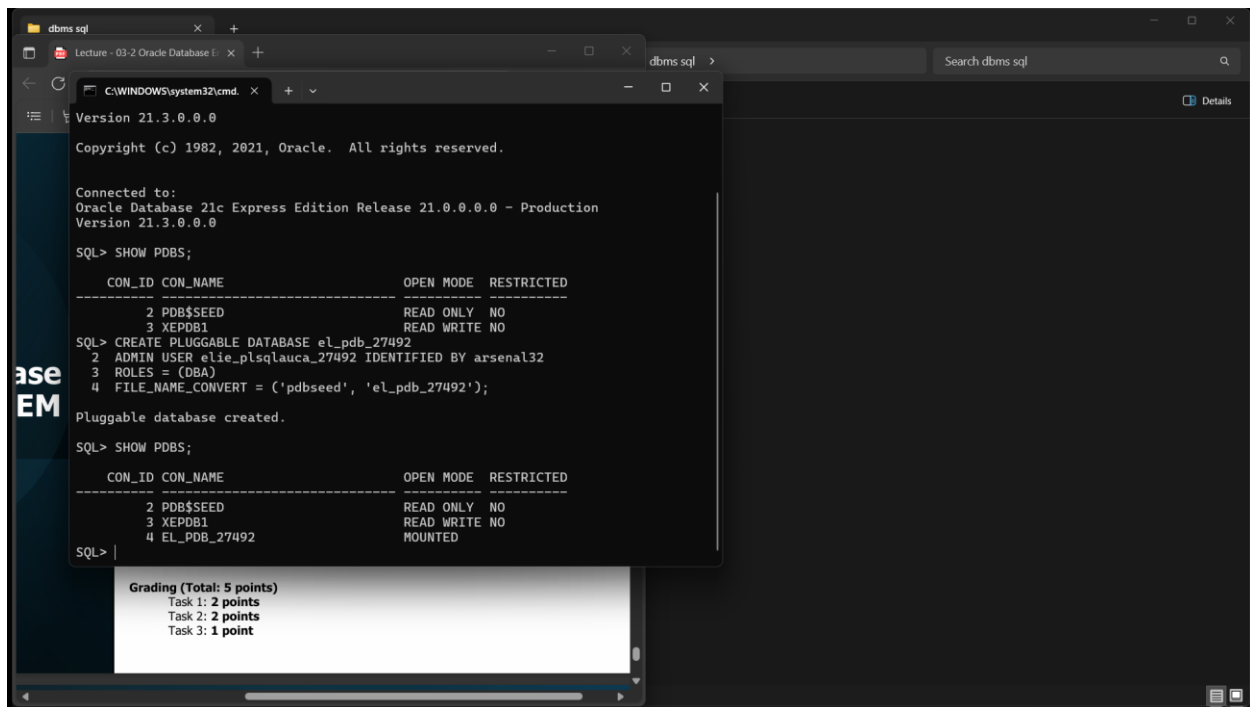
SQL> CREATE PLUGGABLE DATABASE el_pdb_27492
  2 ADMIN USER elie_plsqlauca_27492 IDENTIFIED BY arsenal32
  3 ROLES = (DBA)
  4 FILE_NAME_CONVERT = ('pdbseed', 'el_pdb_27492');

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:

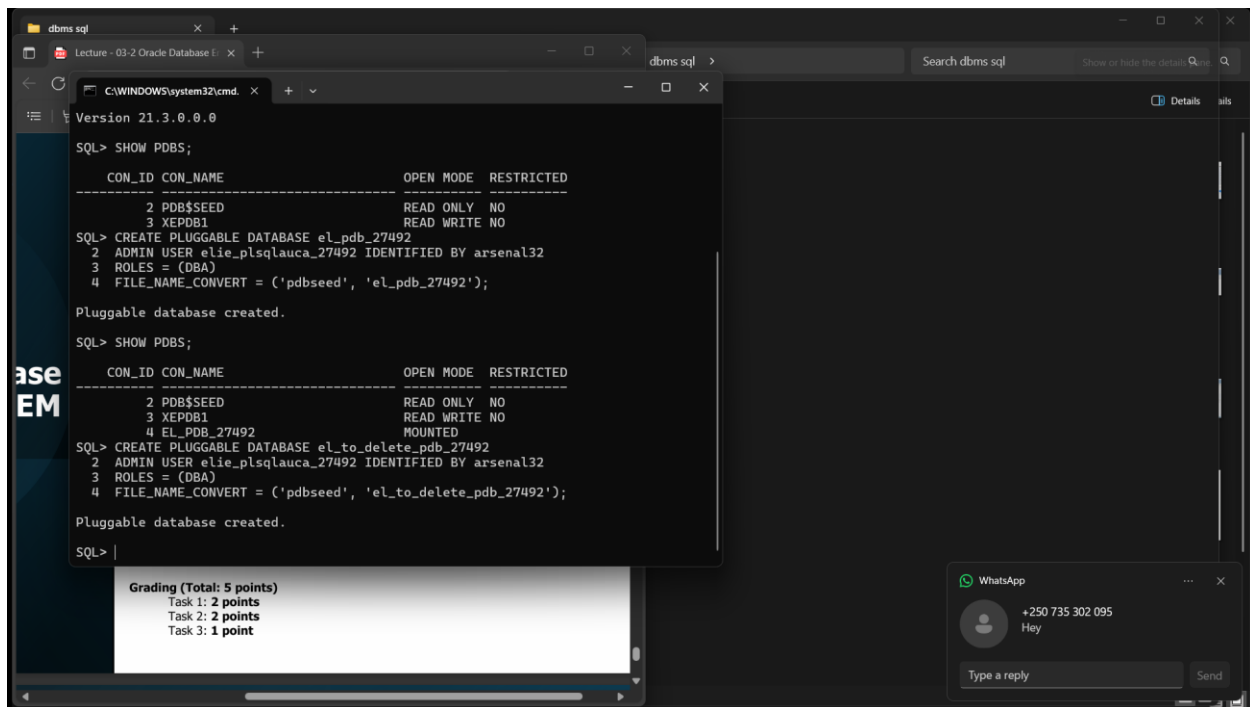
Sql used

CREATE PLUGGABLE DATABASE EL_to_delete_pdb_27492

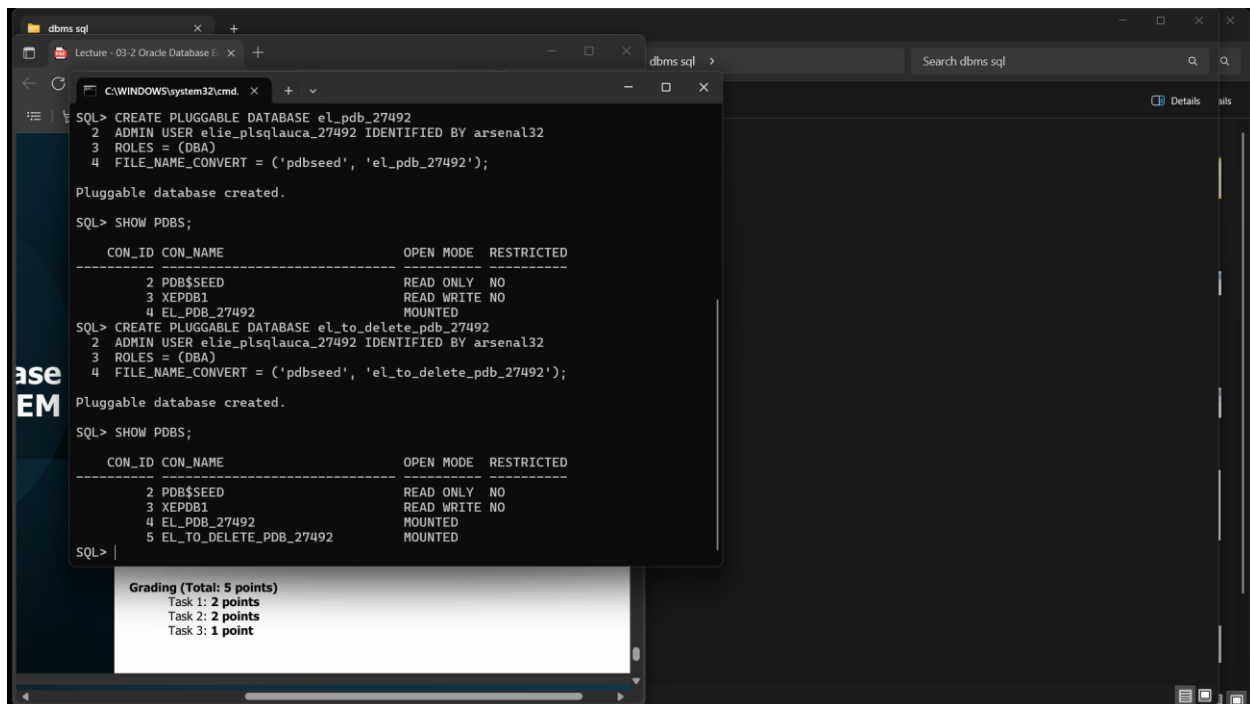
ADMIN USER elie_plsqlauca_27492 IDENTIFIED BY [YourPassword]

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



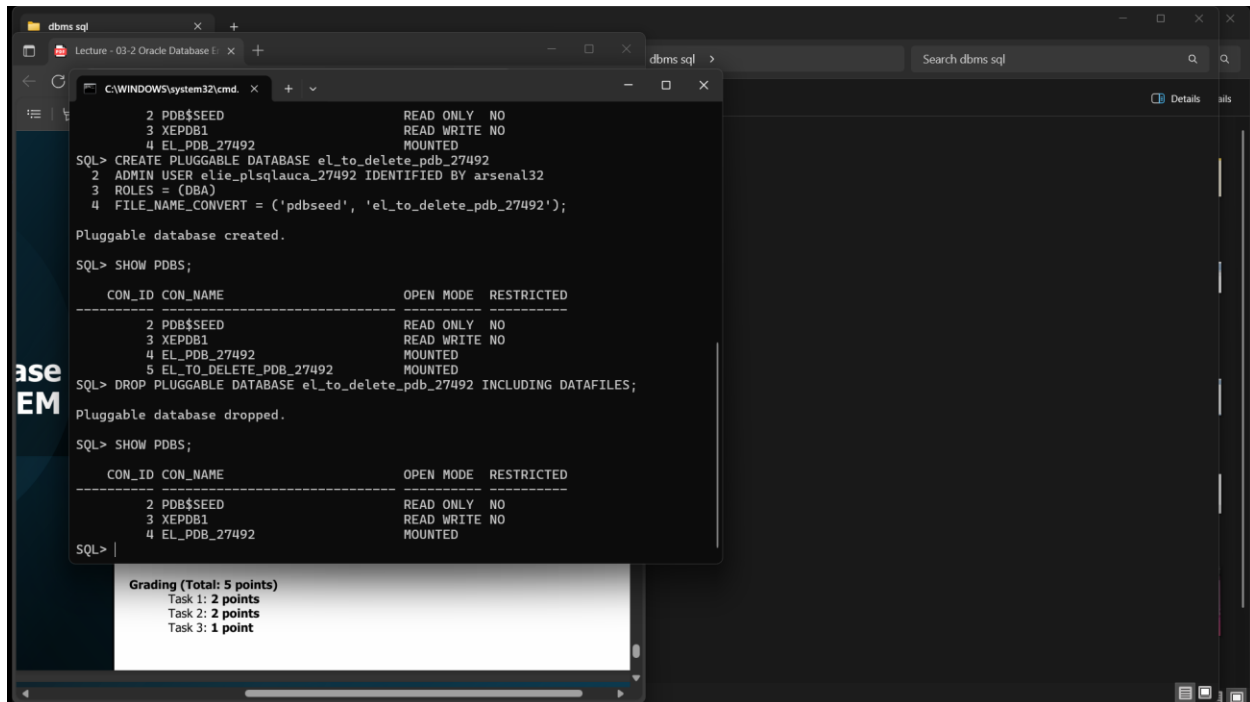
So now I am going to delete that one

deleting the PDB:

sql used

DROP PLUGGABLE DATABASE EL_to_delete_pdb_27492 INCLUDING DATAFILES;

SHOW PDBS;



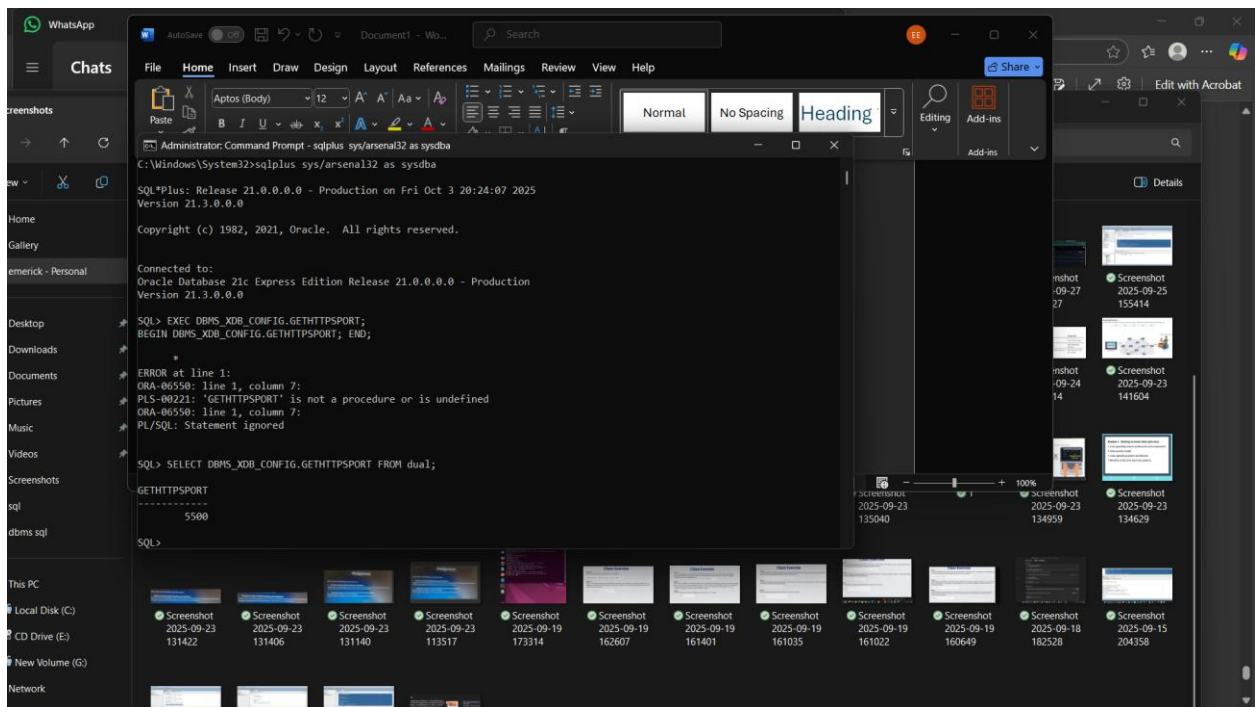
4. Task 3: Oracle Enterprise Manager (OEM)

Steps Performed:

1. Verified OEM port and status:

sql used

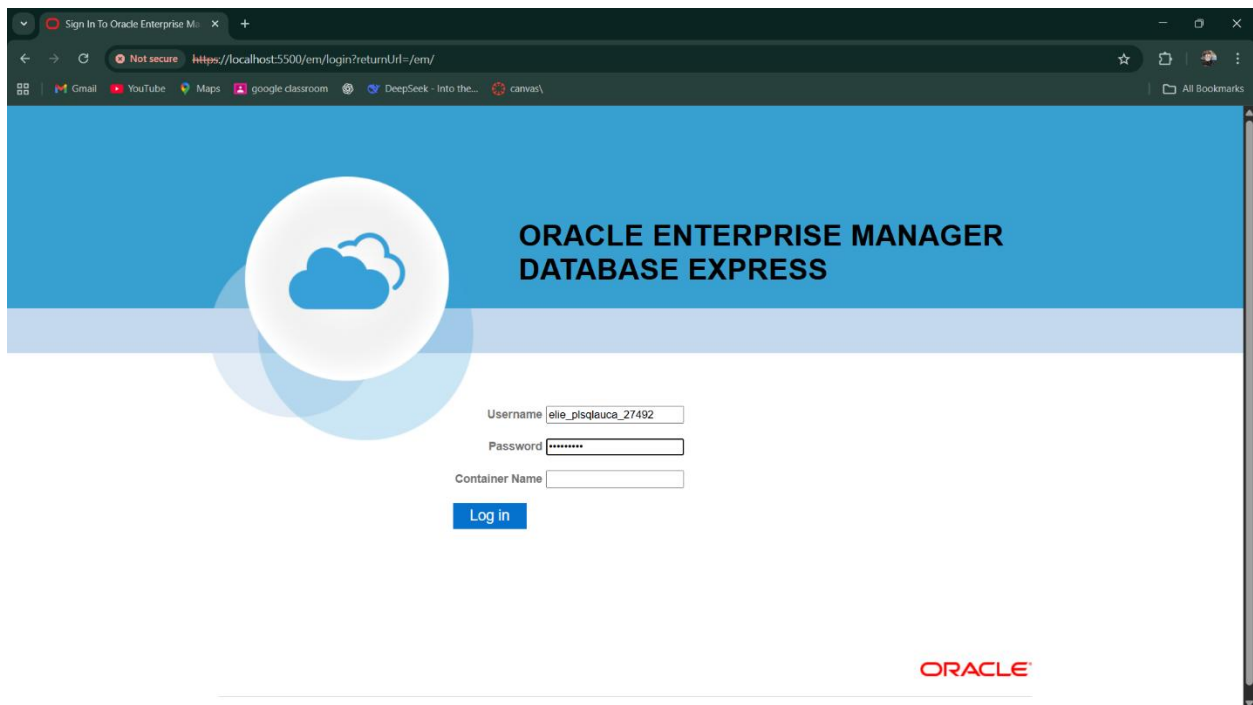
SELECT DBMS_XDB_CONFIG.GETHTTPSPORT FROM dual;



Result: 5500 → OEM enabled.

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

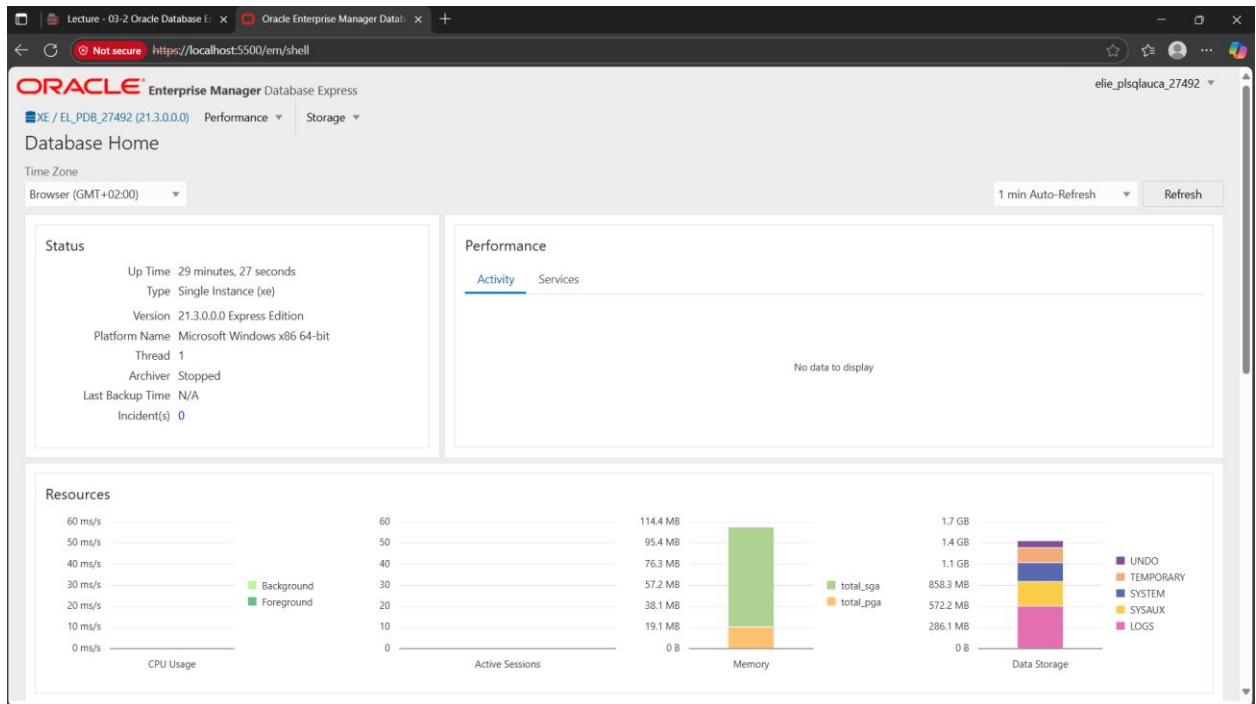
<https://localhost:5500/em/>



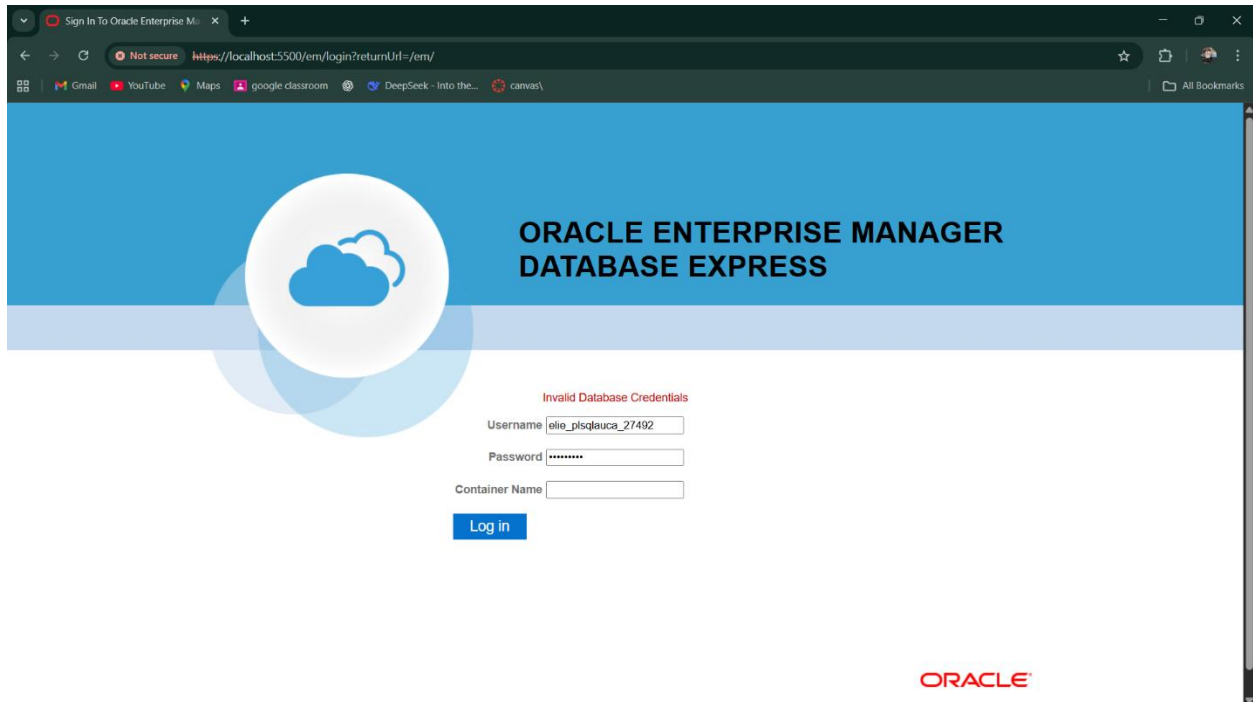
Logged in with:

- **Username:** elie_plsqlauca_27492
- **Password:** *****
- **Container/Service:** EL_PDB_27492

Confirmed dashboard loaded and username displayed.



First I got an error while I was trying to sign in OEM



but I solved by granting access to the user through this sql

GRANT CONNECT, RESOURCE, DBA TO elie_plsqlauca_27492;

GRANT SYSDBA TO elie_plsqlauca_27492;

GRANT DV_ACCTMGR TO elie_plsqlauca_27492;

GRANT SELECT_CATALOG_ROLE TO elie_plsqlauca_27492;

GRANT OEM_MONITOR TO elie_plsqlauca_27492;

And then finally I logged in

Thank you