Login : 2000188370

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| --- | --- |
|  |  |
|  |  |

Pw: 123

Install oracle db 21c xe

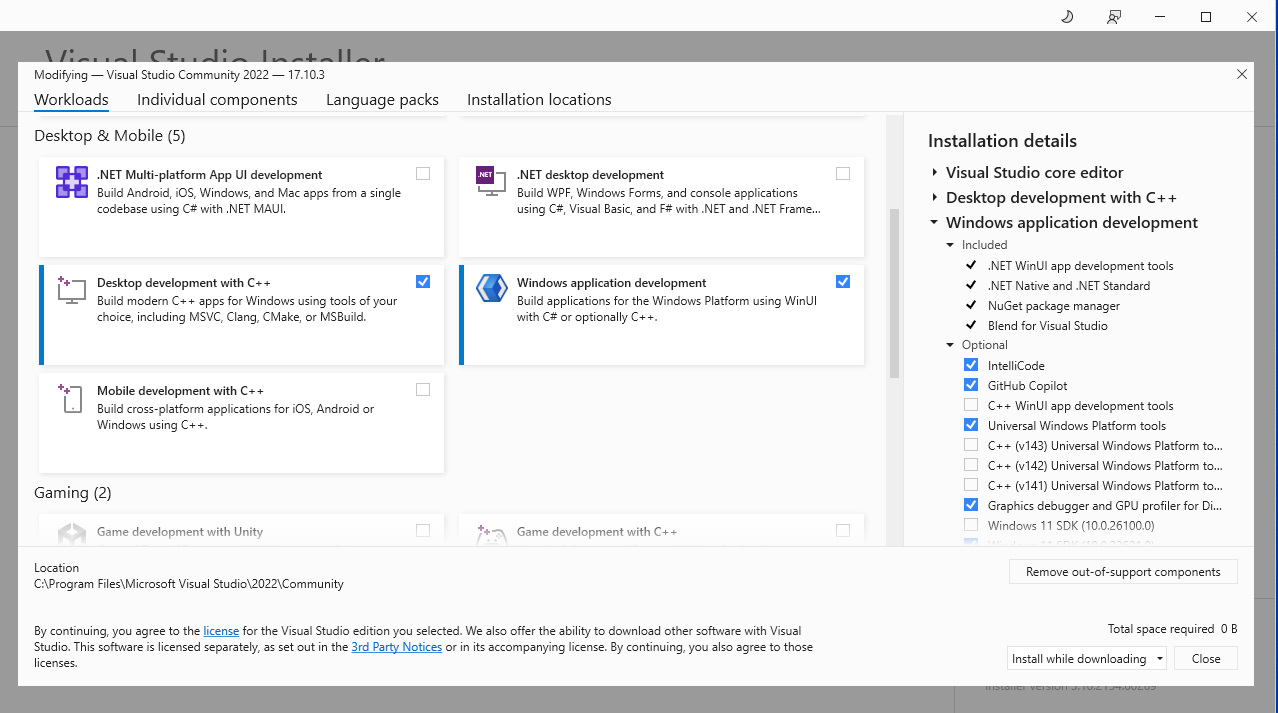
>pip Install oracledb /lib

>pip Install cx\_oracle /lib

Install python

Install vsc

>Install vs c++\c



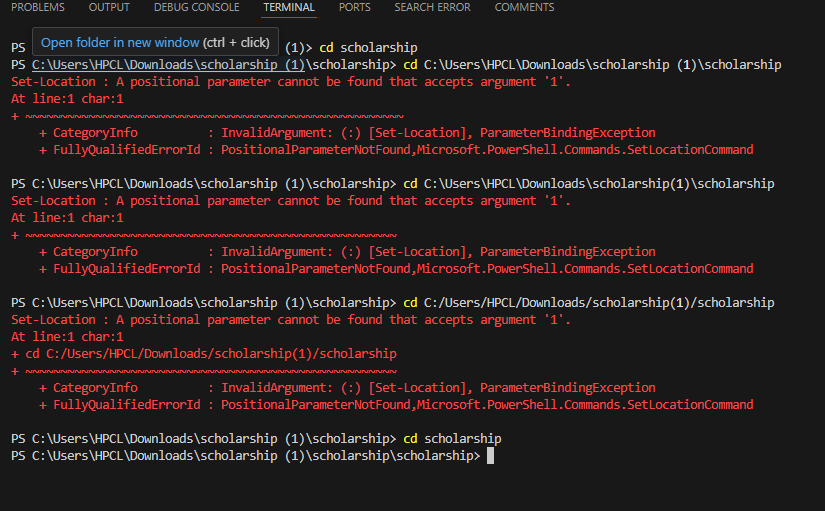
Install Django

Pip install django

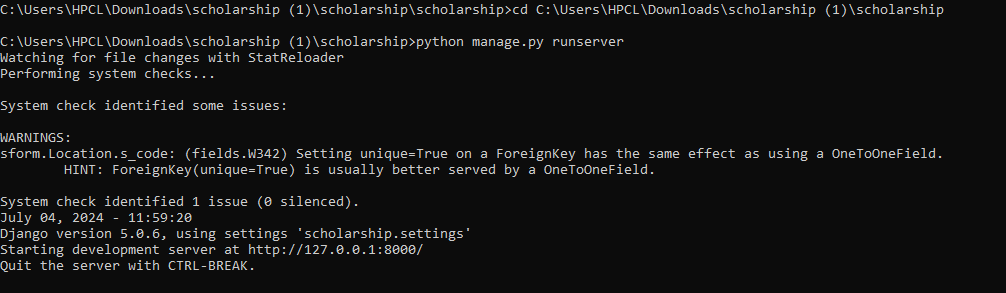
After installation

Scholarship extract

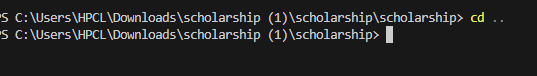
Myenv if Django not install



After direct cmd prompt

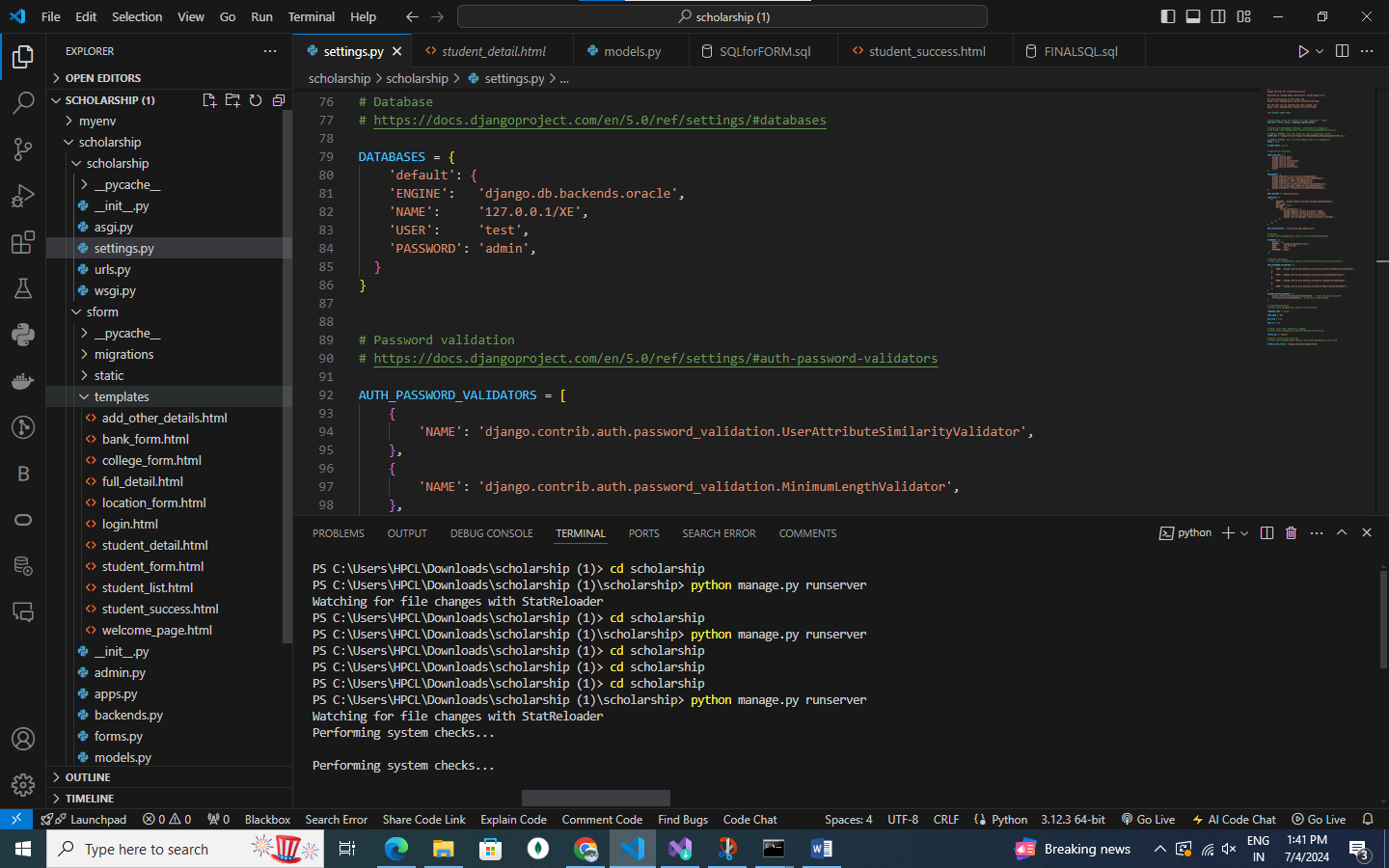


To remove the line or address



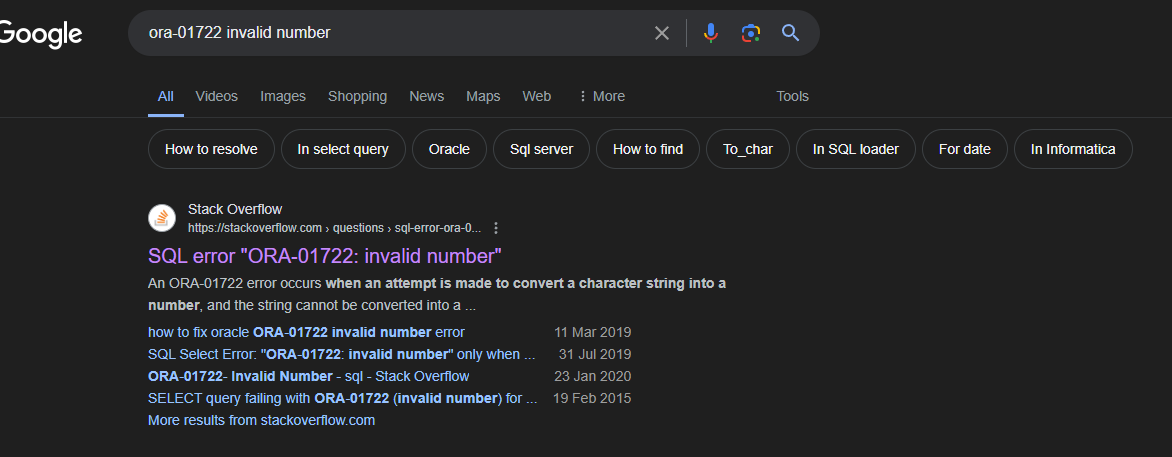
As there is two scholarsip

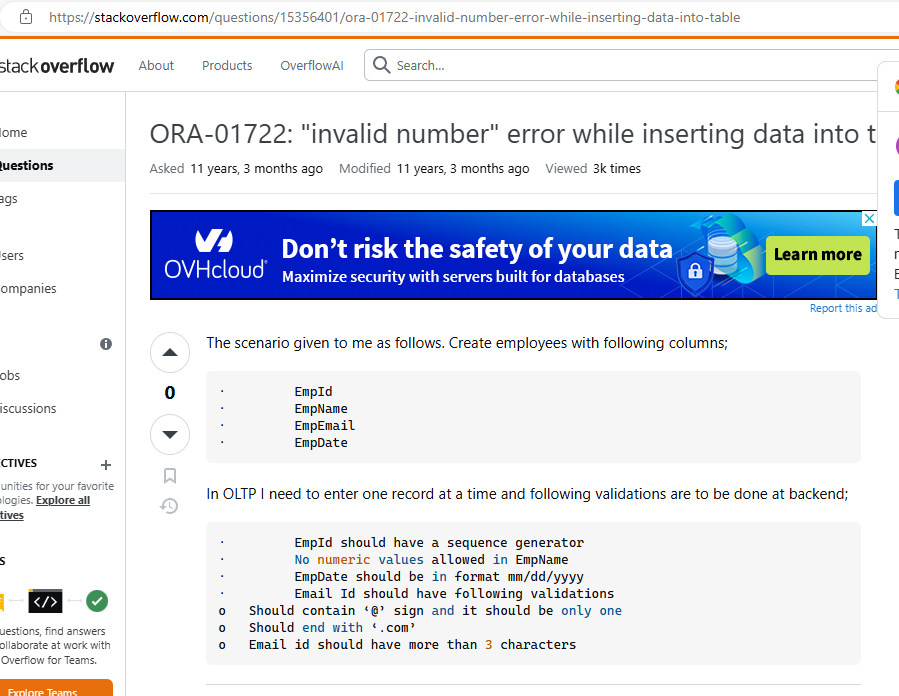
Oracle db password





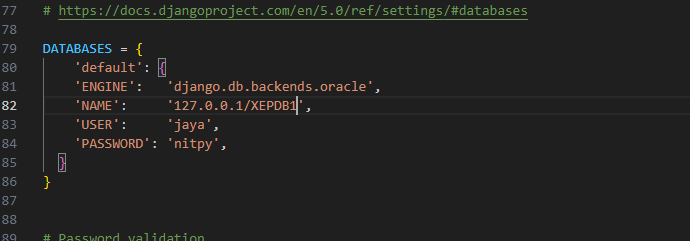
If any exception arrives in the webpage

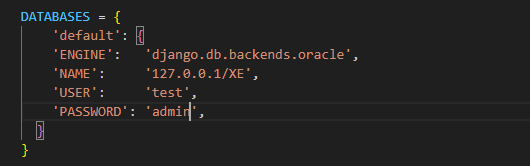


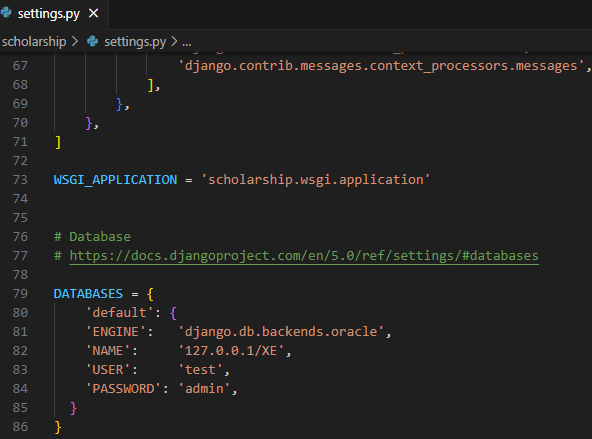


Initial

Change login



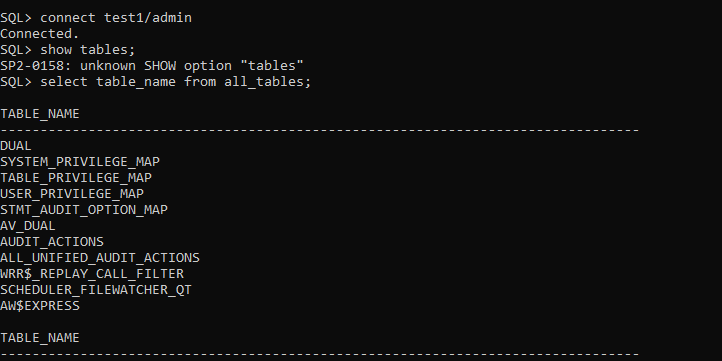
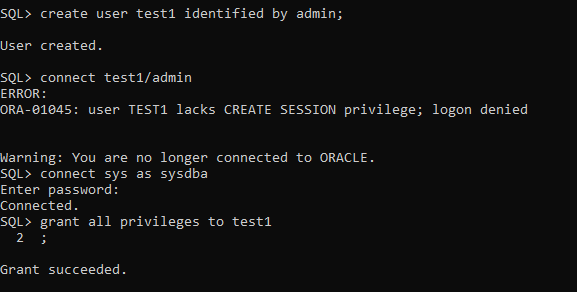
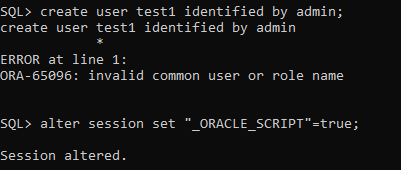
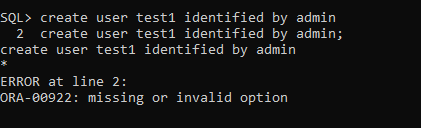
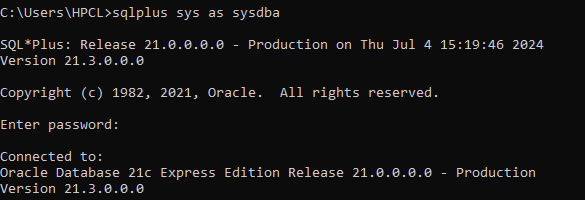


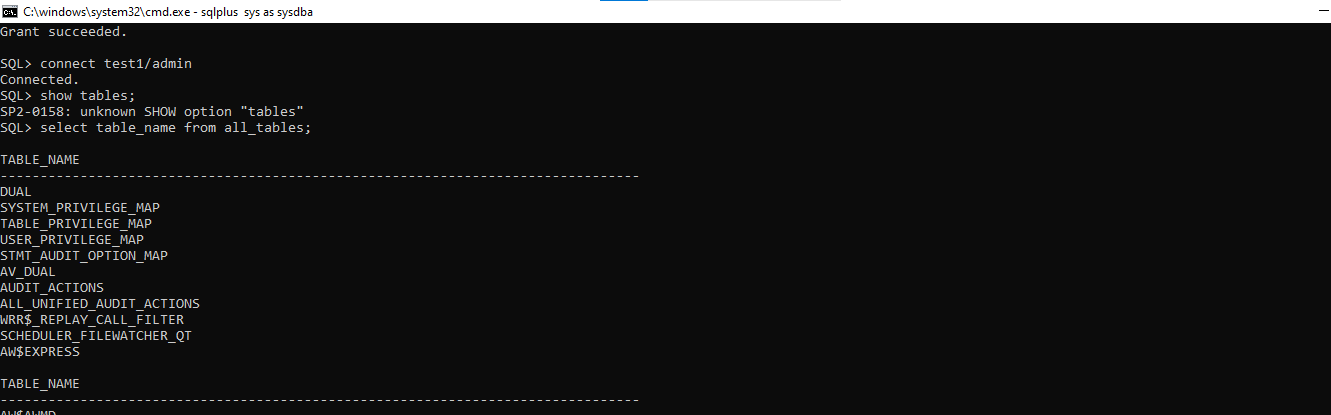
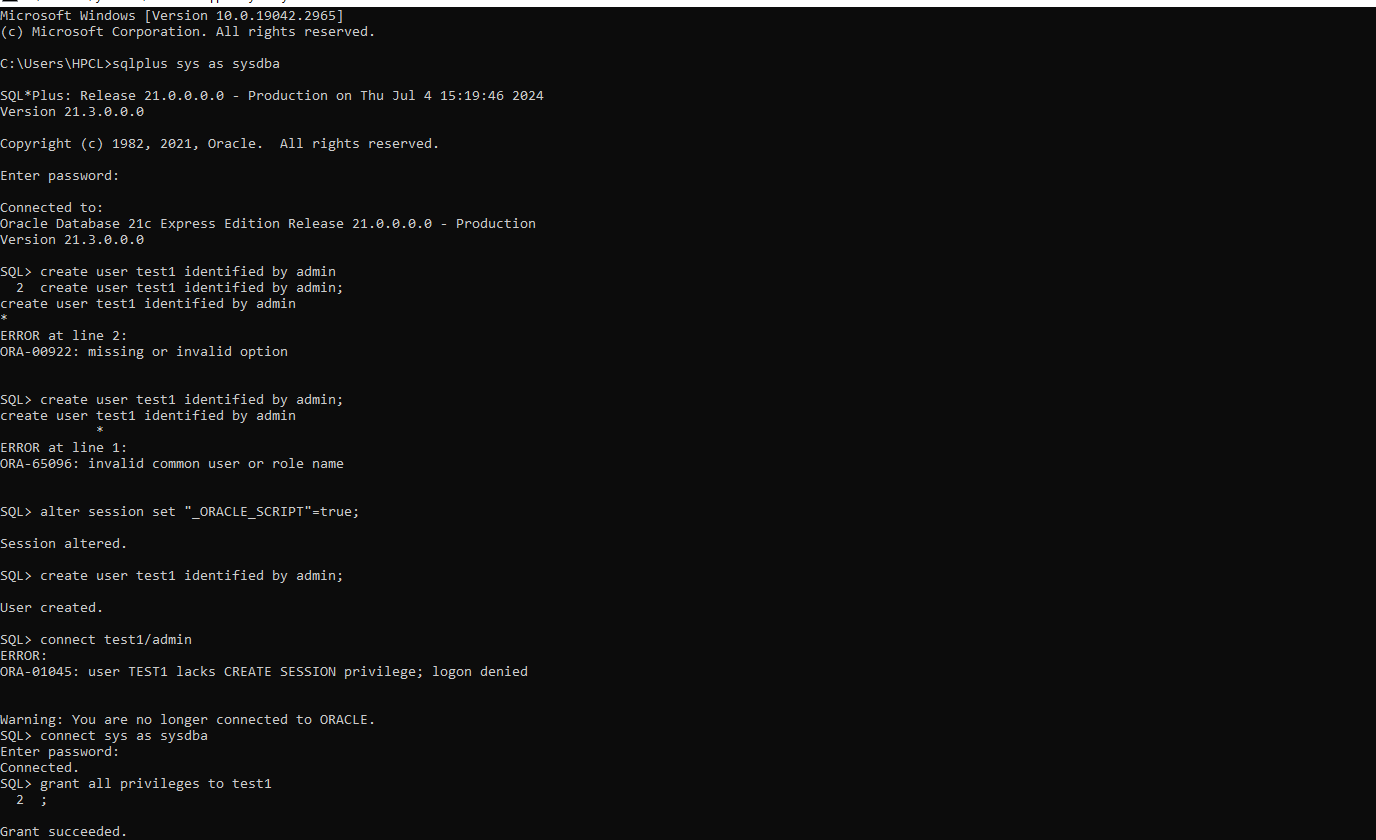


oracle



Oracle setup



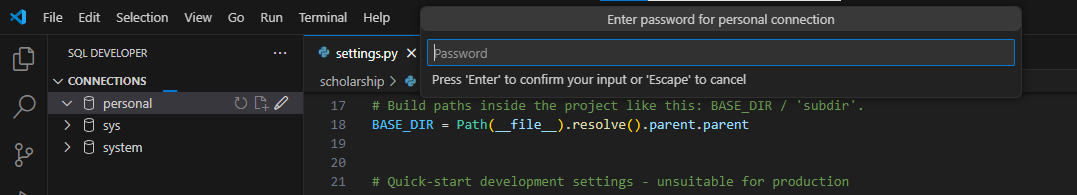


My sql password : admin

> personal

> sys

> system



Steps to install oracle XE

Setting up Oracle Database Express Edition (Oracle XE) involves downloading the software, installing it, and configuring the database. Here's a step-by-step guide for installing Oracle XE on Windows.

**Step 1: Download Oracle XE**

1. **Visit the Oracle XE Download Page:** Go to the [Oracle XE download page](https://www.oracle.com/database/technologies/xe-downloads.html).
2. **Download the Installer:** Select the appropriate version for your operating system and download the installer.

**Step 2: Install Oracle XE**

1. **Run the Installer:** Locate the downloaded installer file and run it.
2. **Follow the Installation Wizard:**
   * Accept the license agreement.
   * Choose the installation directory (the default is usually fine).
   * Set a password for the SYS and SYSTEM administrative user accounts.
   * Complete the installation process by following the prompts.

**Step 3: Verify Installation**

1. **Open Command Prompt:** Open Command Prompt as an administrator.
2. **Start SQL\*Plus:**

sh

Copy code

sqlplus /nolog

1. **Connect to the Database:**

sh

Copy code

connect sys as sysdba

Enter the password you set during installation when prompted.

1. **Verify the Connection:** Once connected, you should see a message indicating a successful connection to the Oracle XE database.

**Step 4: Configure Environment Variables**

1. **Set ORACLE\_HOME and PATH:** Add the Oracle XE installation directory to the environment variables.
   * **Open System Properties:**
     + Right-click on 'This PC' -> Properties -> Advanced system settings -> Environment Variables.
   * **Add ORACLE\_HOME:**
     + Click 'New' under 'System variables'.
     + Set Variable name to ORACLE\_HOME.
     + Set Variable value to the path of the Oracle XE installation directory (e.g., C:\app\yourusername\product\18.0.0\dbhomeXE).
   * **Add PATH:**
     + Find the Path variable under 'System variables' and click 'Edit'.
     + Add a new entry with the path to the Oracle XE bin directory (e.g., C:\app\yourusername\product\18.0.0\dbhomeXE\bin).

**Step 5: Set Up Oracle XE Database**

1. **Start Oracle Services:** Ensure that the Oracle services are running. You can check this from the Services app (search for "Services" in the Start menu).
2. **Create a New User and Grant Permissions:**
   * Open SQL\*Plus and connect as SYSDBA:

sh

Copy code

sqlplus /nolog

connect sys as sysdba

Enter the SYS password when prompted.

* + Create a new user:

sql

Copy code

CREATE USER myuser IDENTIFIED BY mypassword;

* + Grant necessary privileges:

sql

Copy code

GRANT CONNECT, RESOURCE, DBA TO myuser;

**Step 6: Install Oracle Instant Client (Optional, for Python Integration)**

1. **Download Oracle Instant Client:** Go to the [Oracle Instant Client download page](https://www.oracle.com/database/technologies/instant-client.html) and download the appropriate version for your operating system.
2. **Extract and Install:** Extract the downloaded file to a directory of your choice. Add the path of this directory to the PATH environment variable, similar to how you did for the Oracle XE bin directory.

**Step 7: Connect Python to Oracle XE**

1. **Install cx\_Oracle:** Ensure your Python environment is active, then install cx\_Oracle:

sh

Copy code

pip install cx\_Oracle

1. **Test the Connection:** Create a Python script to connect to Oracle XE and perform a simple query:

python

Copy code

import cx\_Oracle

dsn\_tns = cx\_Oracle.makedsn('localhost', '1521', service\_name='XE')

conn = cx\_Oracle.connect(user='myuser', password='mypassword', dsn=dsn\_tns)

cursor = conn.cursor()

cursor.execute('SELECT \* FROM DUAL')

for row in cursor:

print(row)

cursor.close()

conn.close()

Replace 'myuser', 'mypassword', and 'XE' with your actual Oracle XE user credentials and service name.

By following these steps, you should have Oracle XE installed and configured on your system, with Python set up to interact with the database. If you encounter any issues or need further assistance, feel free to ask.