

### Creating new pluggable database contains HR user

In some cases after the installation oracle 12c.

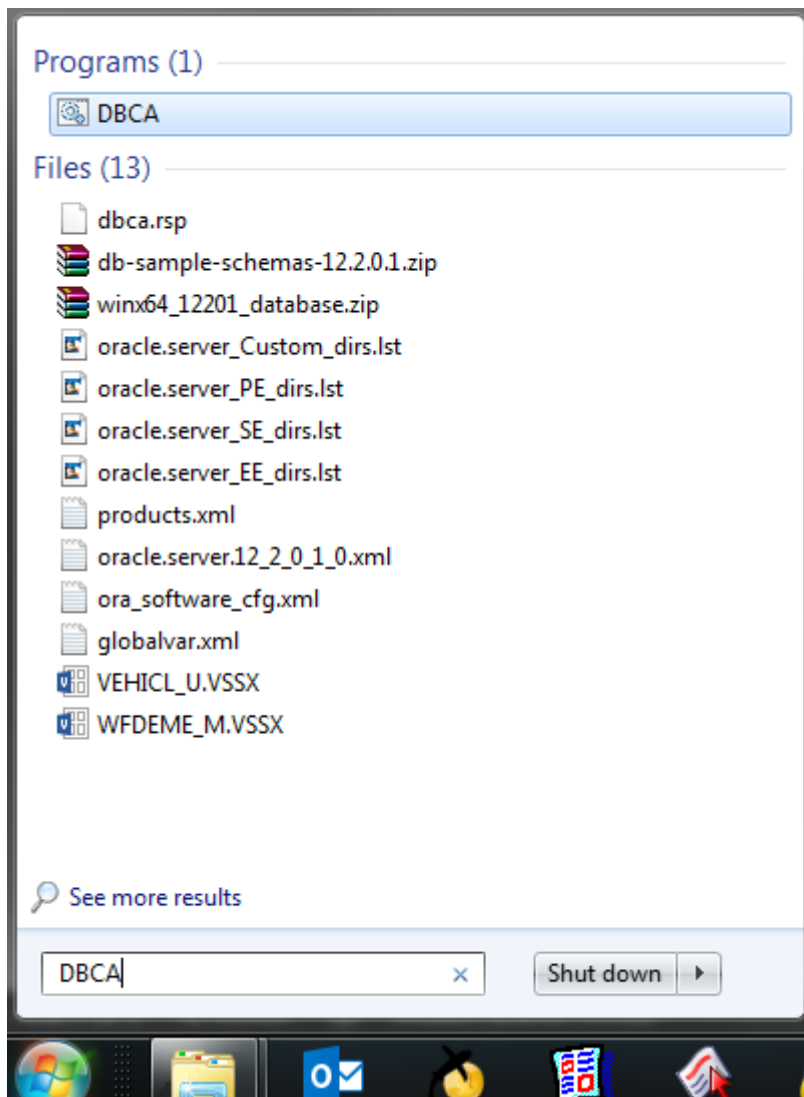
When you try to do:

```
Select name, con_id  
from v$pdb;
```

You will find only the PDB\$SEED

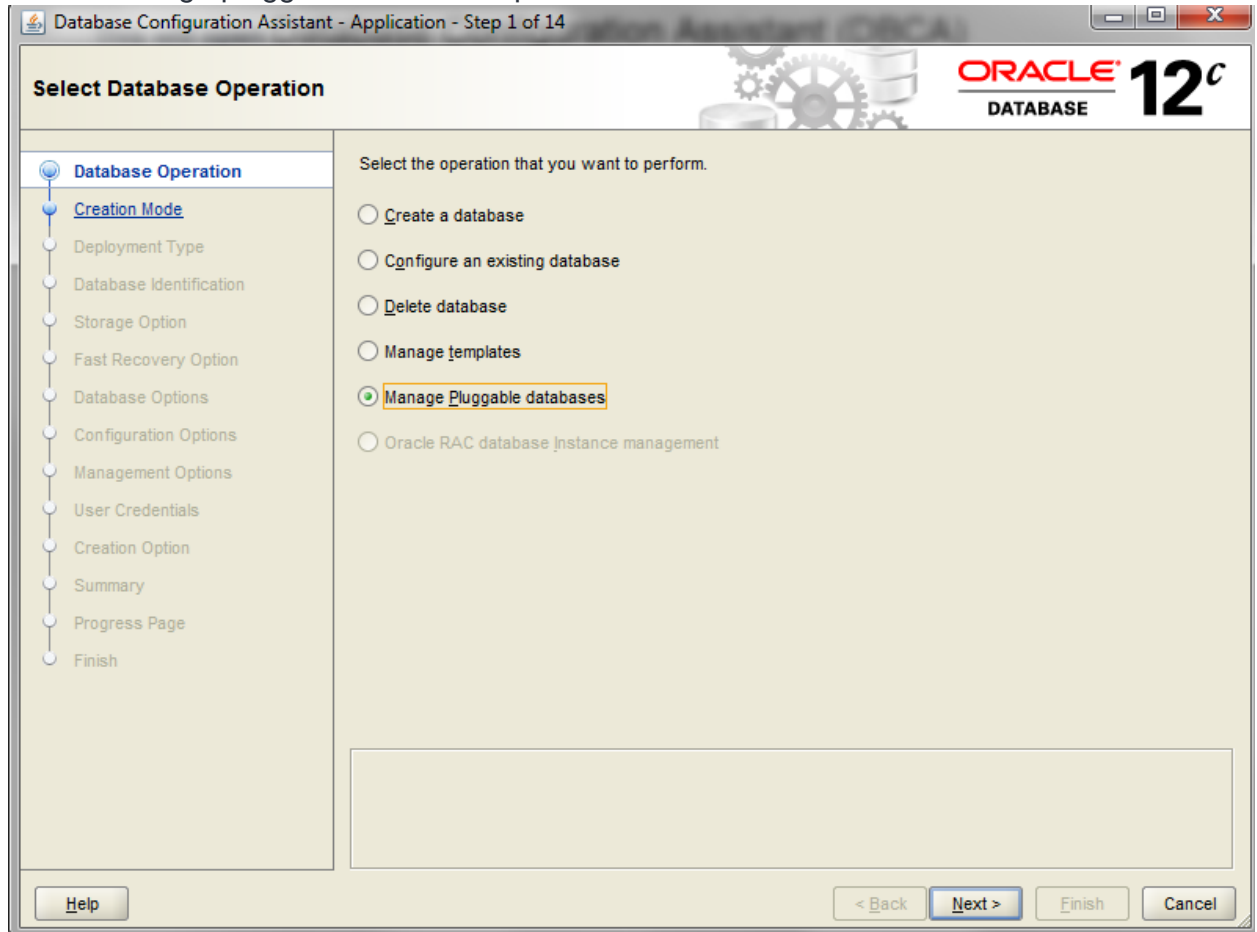
So how can we create new pluggable database that contain HR schema

- 1- Go to the start menu in window  
Write this word: DBCA



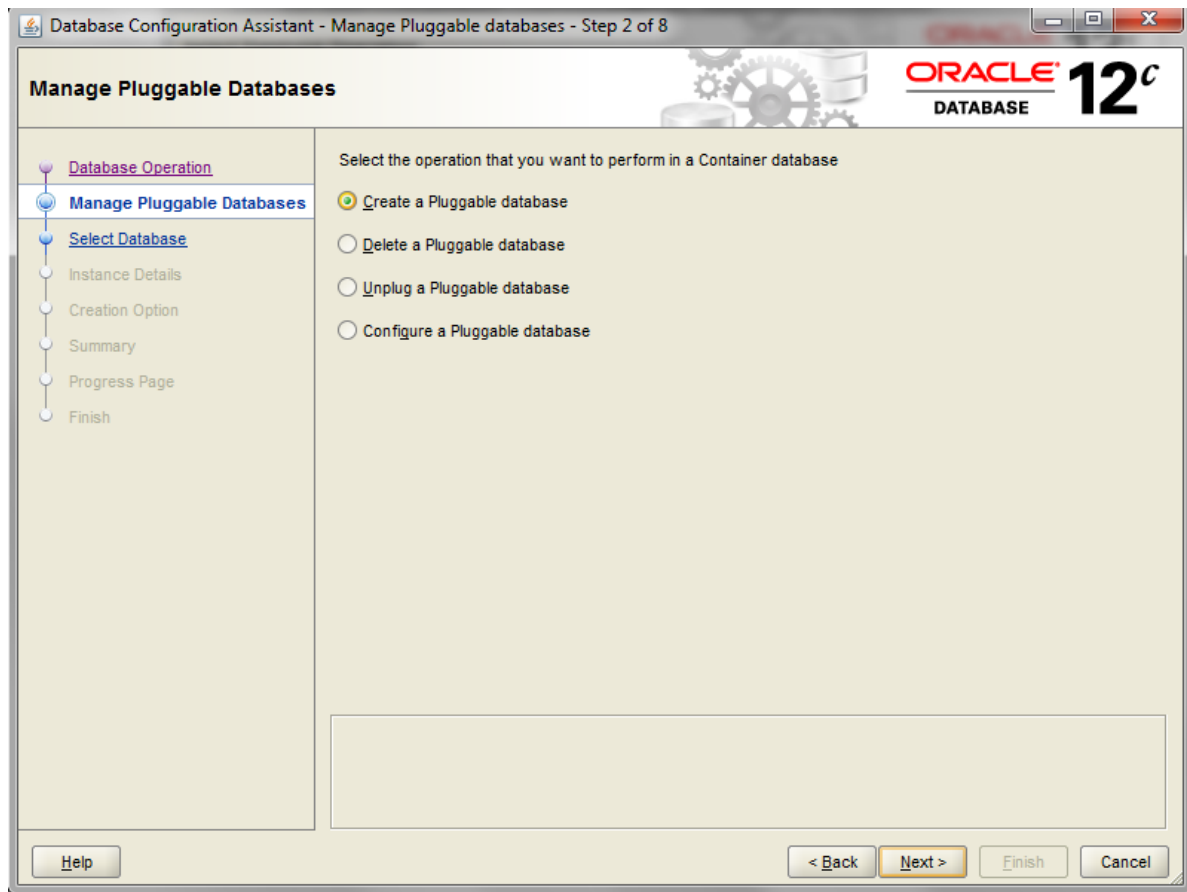
This will open Database Configuration Assistant (DBCA)

2- Select manage pluggable database option

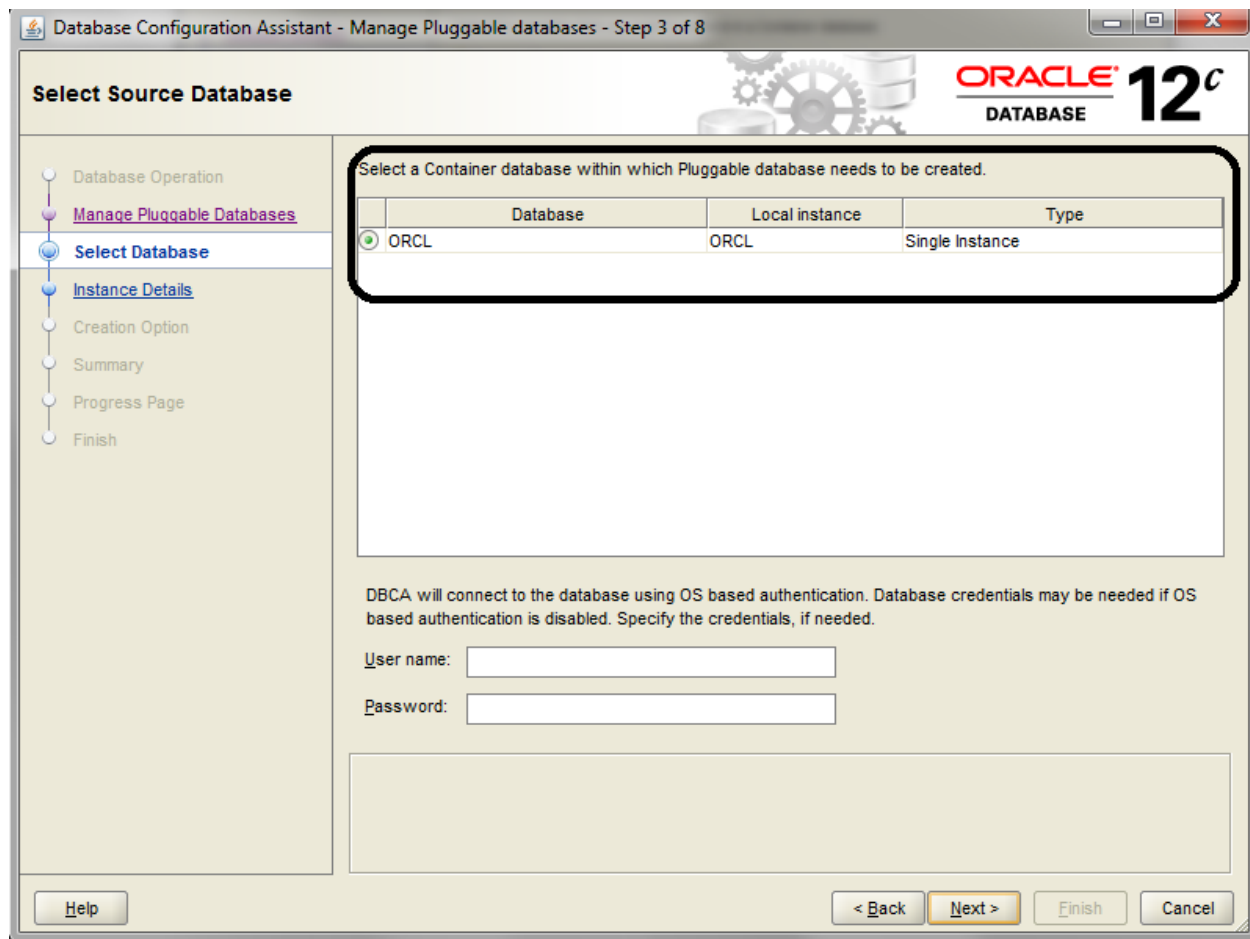


Click next

3- Now click create a pluggable database

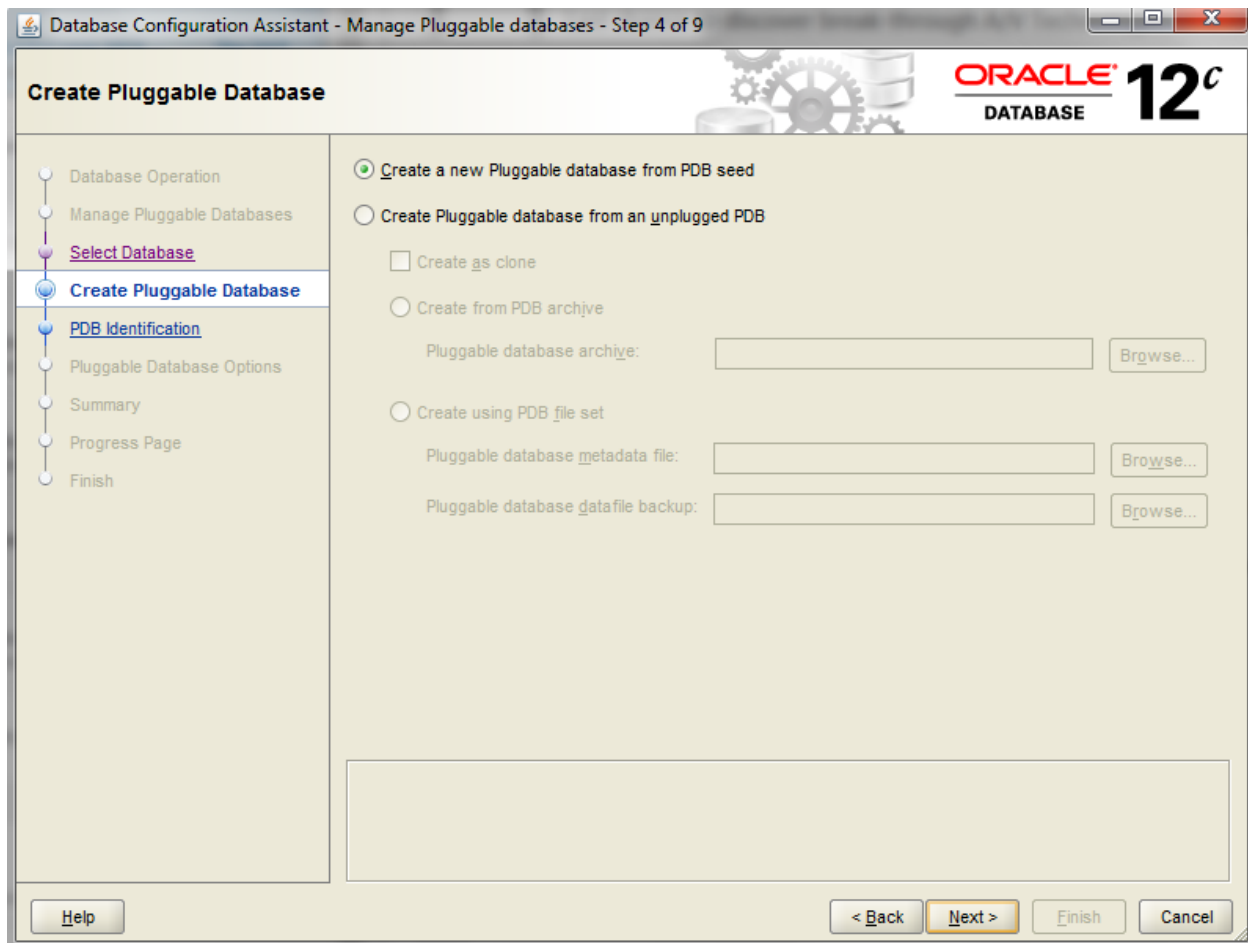


Click next



No need to enter username and password

Click next



Click next

Enter the pluggable database name

For example **orclpdb1**

And enter the administrator user name and password, enter anything you like, but note it.

Database Configuration Assistant - Manage Pluggable databases - Step 5 of 9

### Pluggable Database Identification Options

ORACLE 12c DATABASE

- Database Operation
- Manage Pluggable Databases
- Select Database
- Create Pluggable Database
- PDB Identification**
- Pluggable Database Options
- Summary
- Progress Page
- Finish

Pluggable database name:

☒ Create a new administrator


Administrator user name:

Administrator password:

Confirm administrator password:

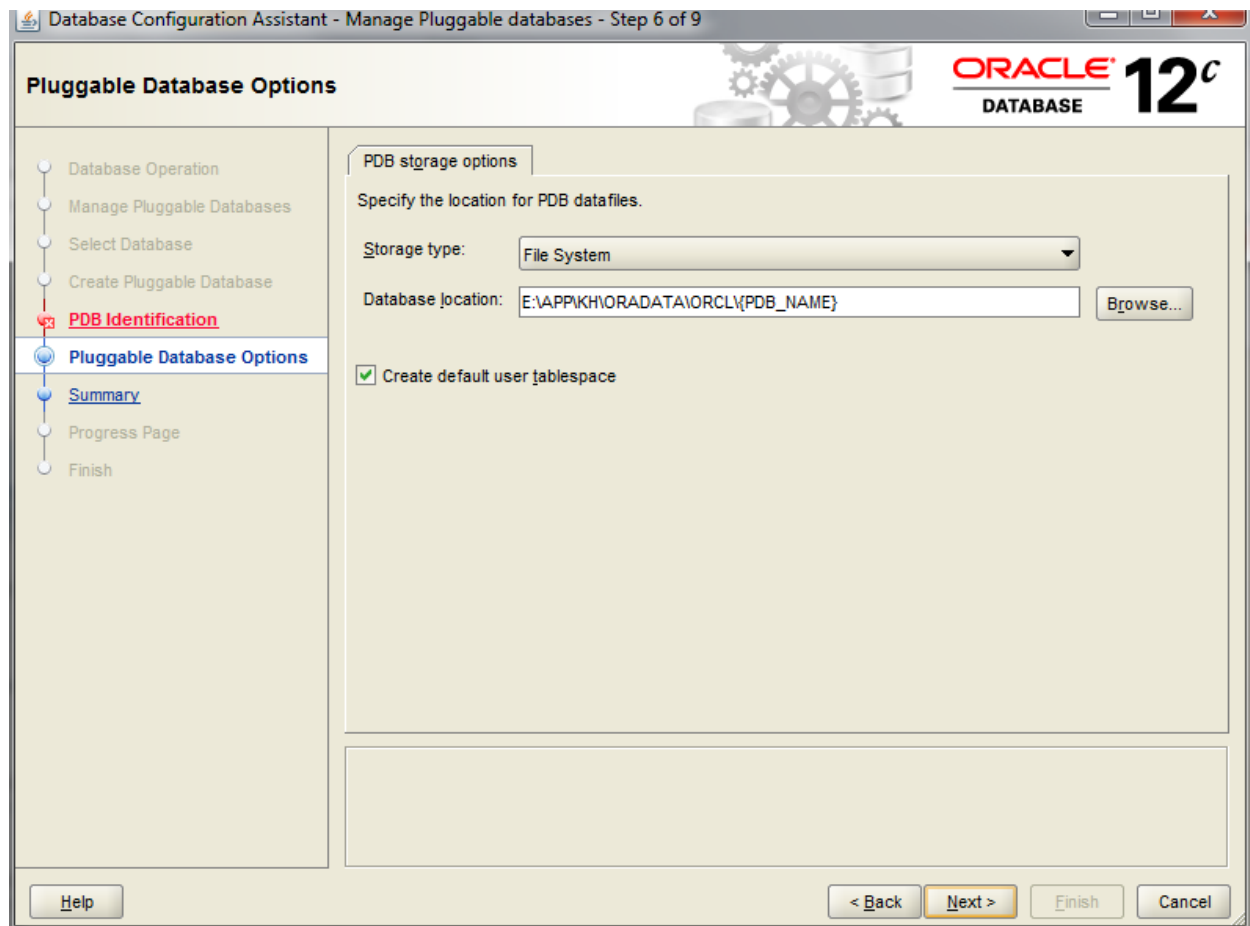
☐ Lock all existing PDB users

Messages:

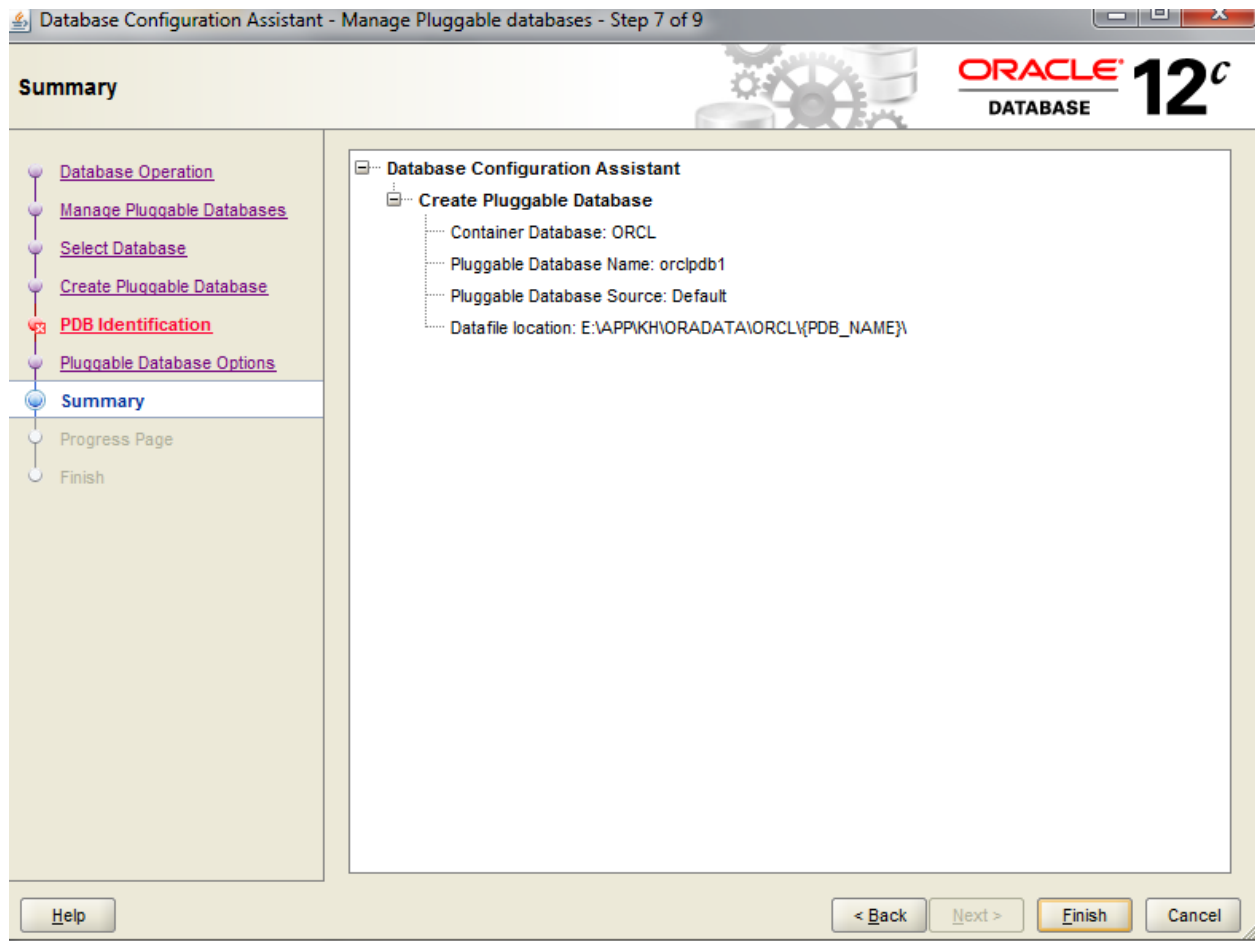
 Administrator password:[DBT-06208] The 'PDBADMIN' password entered does not conform to the Oracle recommended standards.

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Click next and keep the default



Click next



Click finish



Database Configuration Assistant - Manage Pluggable databases - Step 8 of 9

Progress Page

Database Operation

Manage Pluggable Databases

Select Database

Create Pluggable Database

PDB Identification

Pluggable Database Options

Summary

**Progress Page**

Finish

Progress

Creating Pluggable Database in progress...

21%

	Steps	Status
	Creating Pluggable Database	In Progress
	Completing Pluggable Database Creation	
	Executing Post Configuration Actions	

DBCA Log Location:e:\app\kh\cfgtoollogs\dbca\trace.log\_2017-12-10\_08-44-47-AM

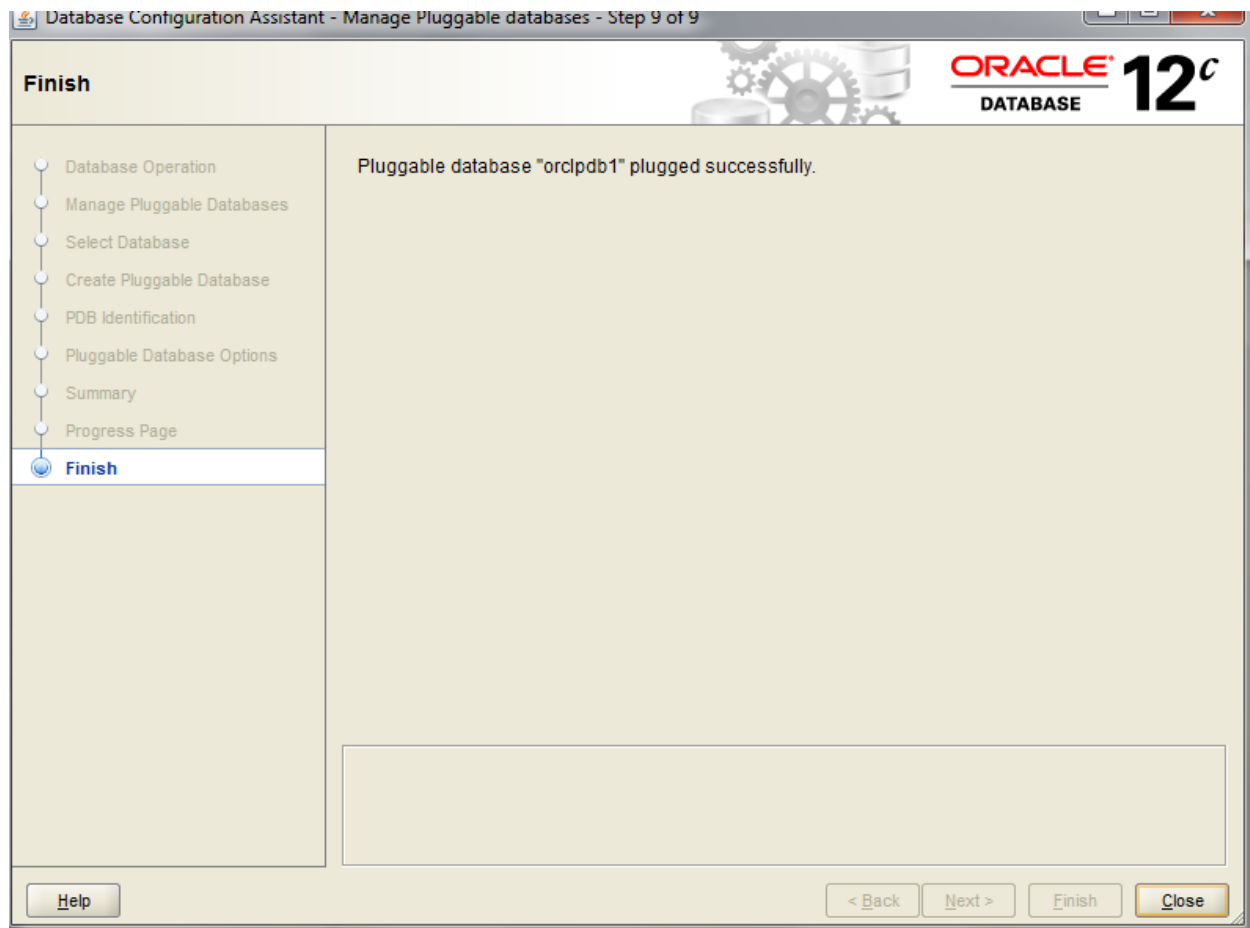
Help

< Back

Next >

Finish

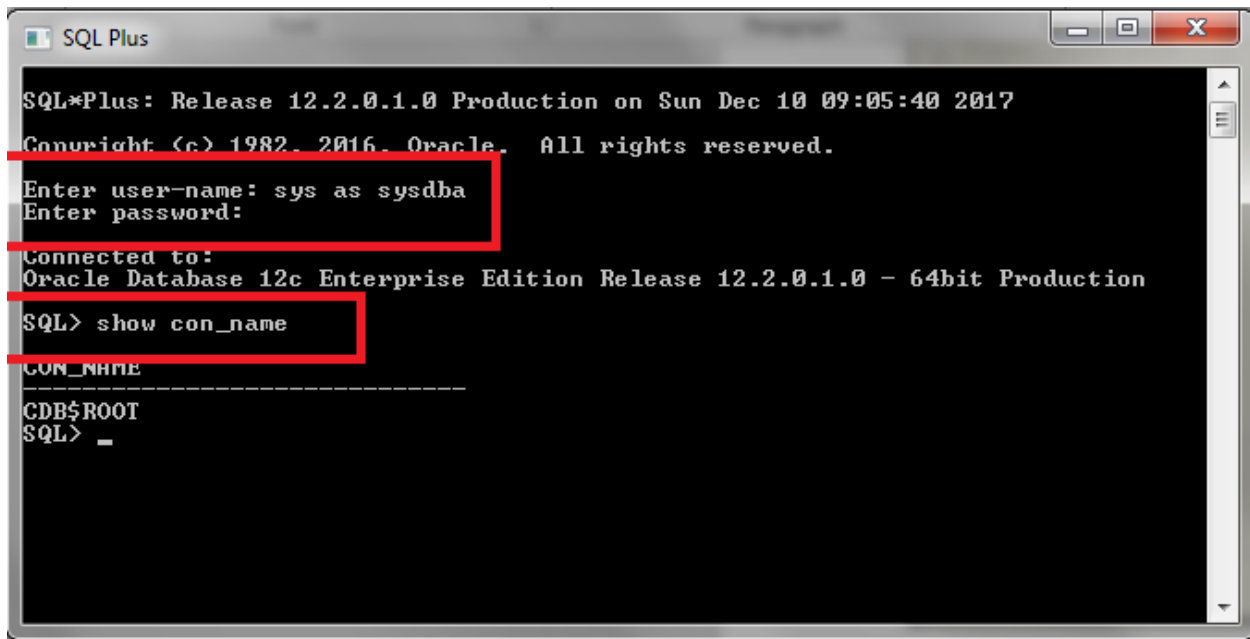
Cancel



Now let us try to connect sqlplus

Connect as sys as sysdba

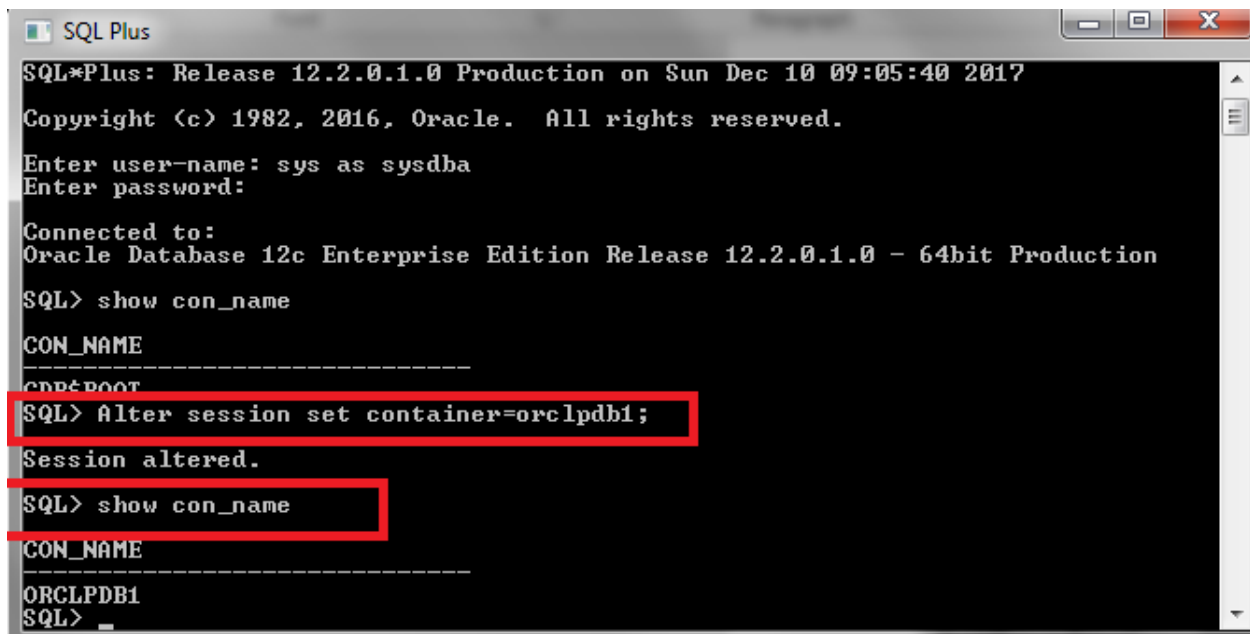
And make show con\_name



```
SQL*Plus: Release 12.2.0.1.0 Production on Sun Dec 10 09:05:40 2017
Copyright (c) 1982, 2016, Oracle. All rights reserved.
Enter user-name: sys as sysdba
Enter password:
Connected to:
Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production
SQL> show con_name
CON_NAME
-----
CDB$ROOT
SQL> _
```

Let us try to move to the new pluggable database orclpdb1

Alter session set container=orclpdb1

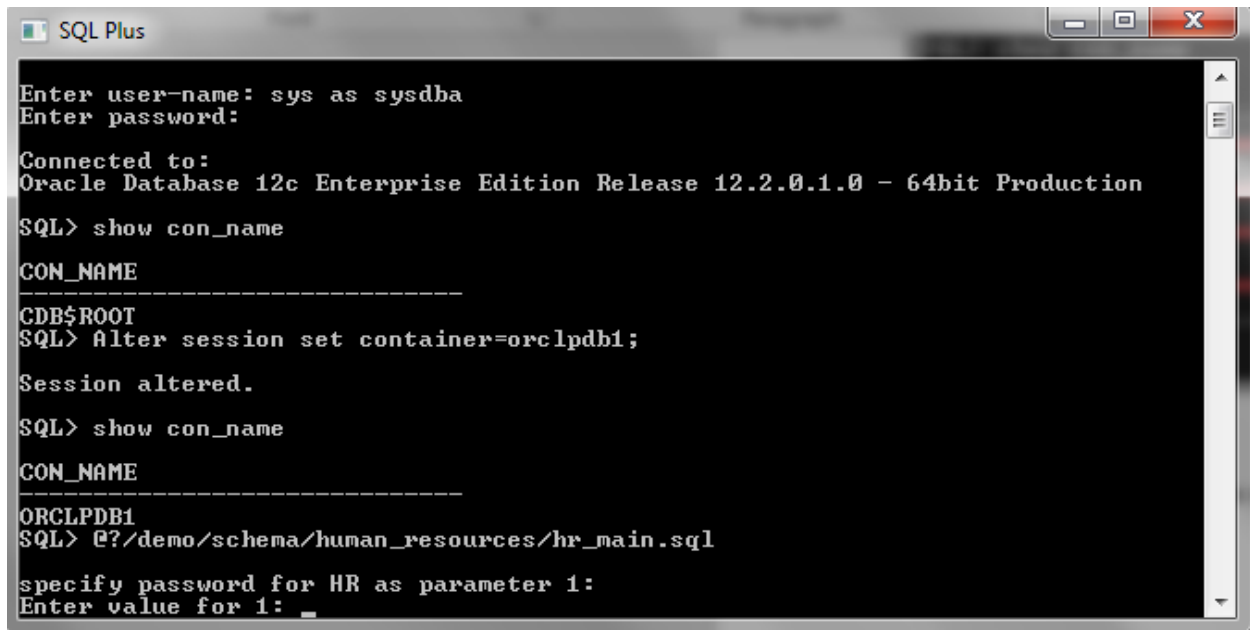


```
SQL*Plus: Release 12.2.0.1.0 Production on Sun Dec 10 09:05:40 2017
Copyright (c) 1982, 2016, Oracle. All rights reserved.
Enter user-name: sys as sysdba
Enter password:
Connected to:
Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production
SQL> show con_name
CON_NAME
-----
CDB$ROOT
SQL> alter session set container=orclpdb1;
Session altered.
SQL> show con_name
CON_NAME
-----
ORCLPDB1
SQL> _
```

Now make sure that you are on orclpdb1

And run this script

@?/demo/schema/human\_resources/hr\_main.sql



```
SQL Plus

Enter user-name: sys as sysdba
Enter password:

Connected to:
Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production

SQL> show con_name

CON_NAME
-----
CDB$ROOT
SQL> Alter session set container=orclpdb1;

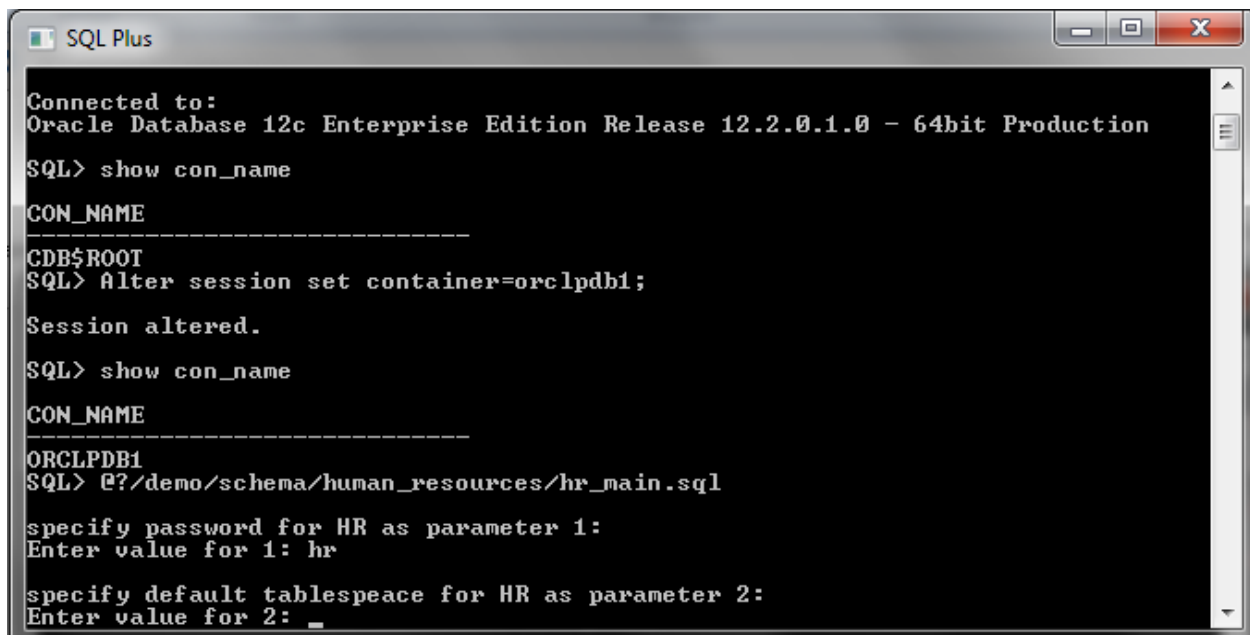
Session altered.

SQL> show con_name

CON_NAME
-----
ORCLPDB1
SQL> @?/demo/schema/human_resources/hr_main.sql

specify password for HR as parameter 1:
Enter value for 1: _
```

Here enter the password: hr



```
SQL Plus

Connected to:
Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production

SQL> show con_name

CON_NAME
-----
CDB$ROOT
SQL> Alter session set container=orclpdb1;

Session altered.

SQL> show con_name

CON_NAME
-----
ORCLPDB1
SQL> @?/demo/schema/human_resources/hr_main.sql

specify password for HR as parameter 1:
Enter value for 1: hr

specify default tablespace for HR as parameter 2:
Enter value for 2: _
```

Here enter : users

```
SQL Plus
SQL> show con_name
CON_NAME
-----
CDB$ROOT
SQL> Alter session set container=orclpdb1;
Session altered.
SQL> show con_name
CON_NAME
-----
ORCLPDB1
SQL> @?/demo/schema/human_resources/hr_main.sql

specify password for HR as parameter 1:
Enter value for 1: hr

specify default tablespace for HR as parameter 2:
Enter value for 2: users

specify temporary tablespace for HR as parameter 3:
Enter value for 3: _
```

Here enter: temp

```
SQL Plus
CON_NAME
-----
CDB$ROOT
SQL> Alter session set container=orclpdb1;
Session altered.
SQL> show con_name
CON_NAME
-----
ORCLPDB1
SQL> @?/demo/schema/human_resources/hr_main.sql

specify password for HR as parameter 1:
Enter value for 1: hr

specify default tablespace for HR as parameter 2:
Enter value for 2: users

specify temporary tablespace for HR as parameter 3:
Enter value for 3: temp

specify log path as parameter 4:
Enter value for 4: _
```

Here enter any valid path : for example enter f:

Now we need update the tnsname.ora

So add this to end of the file

ORCLPDB1 =

(DESCRIPTION =

(ADDRESS = (PROTOCOL = TCP)(HOST = localhost)(PORT = 1521))

(CONNECT\_DATA =

(SERVER = DEDICATED)

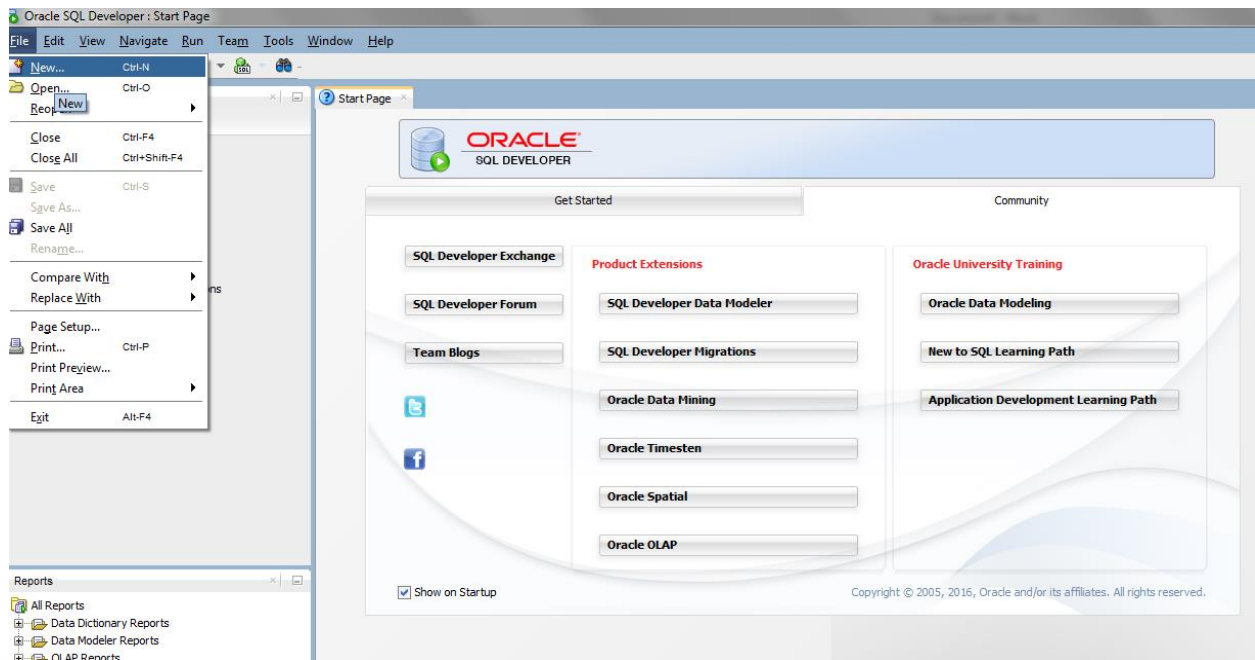
(SERVICE\_NAME = orclpdb1)

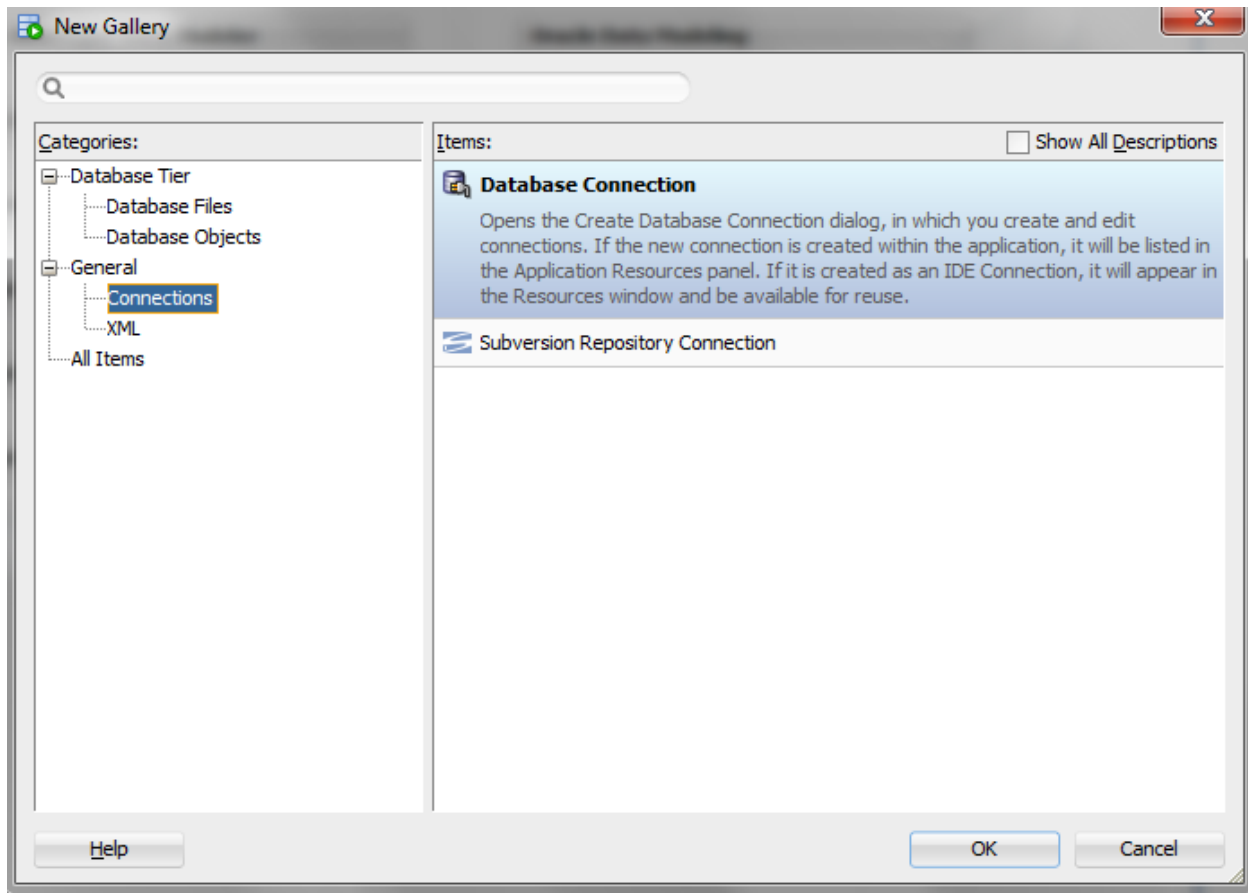
)

)

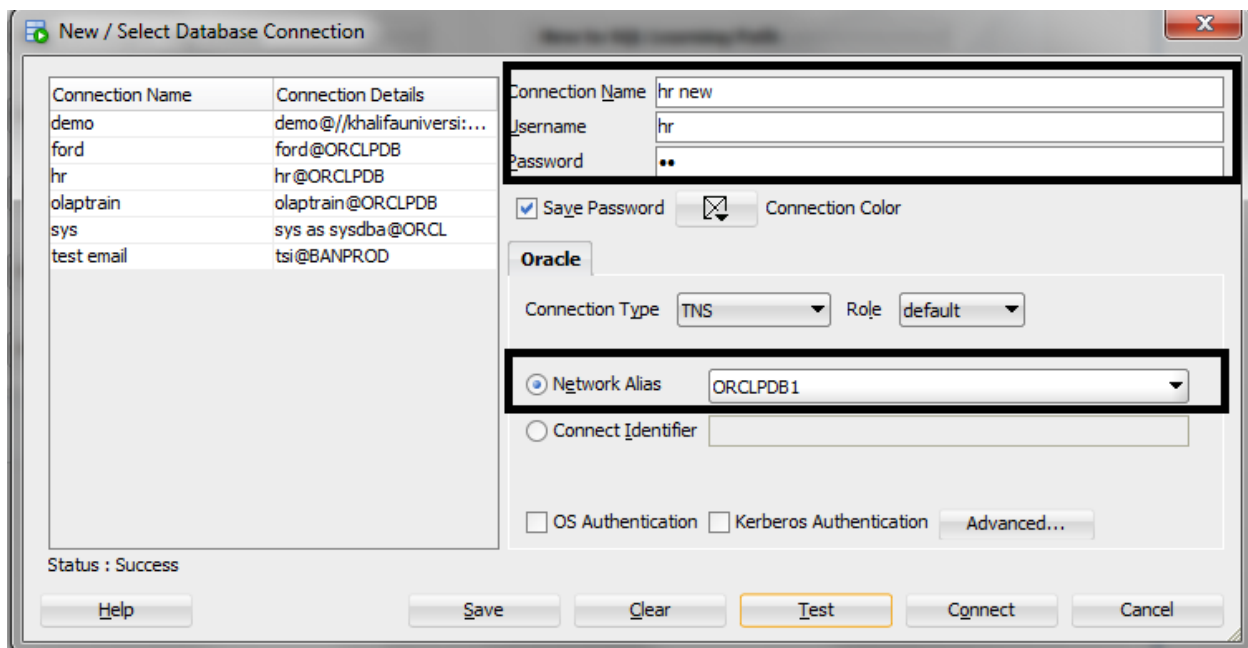
Now open SQL developer

Select file then new





Select connections then ok



Click connect

Now you can see the tables of hr : )

