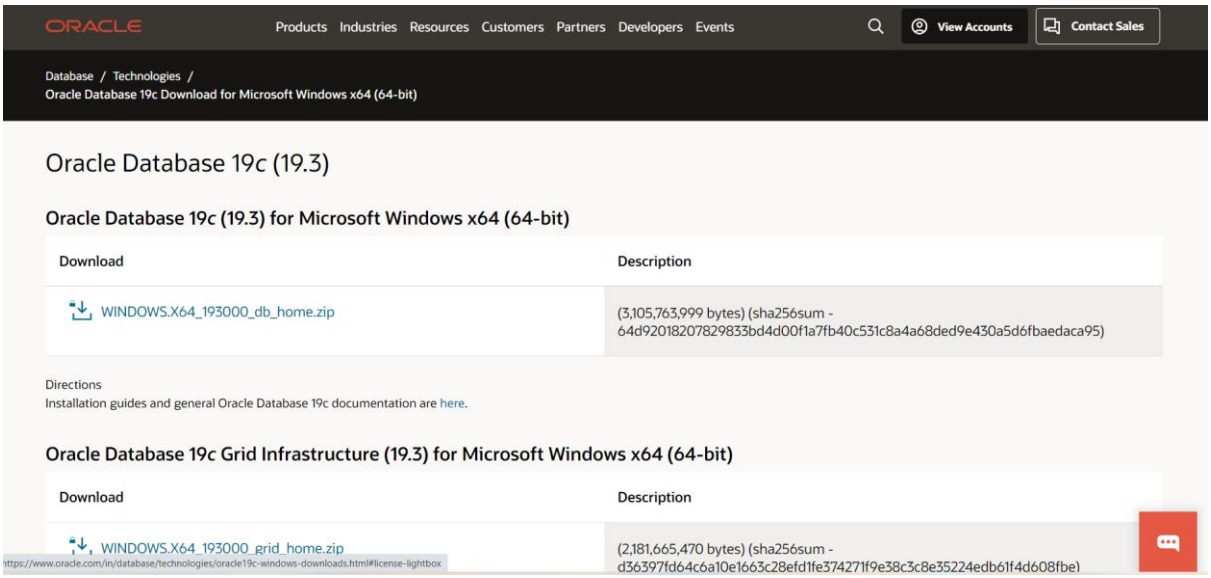
STEPS TO DOWNLOAD, INSTALL AND CREATE ORACLE DB AND CONNECTING DB TO SQL DEVELOPER

Step 1

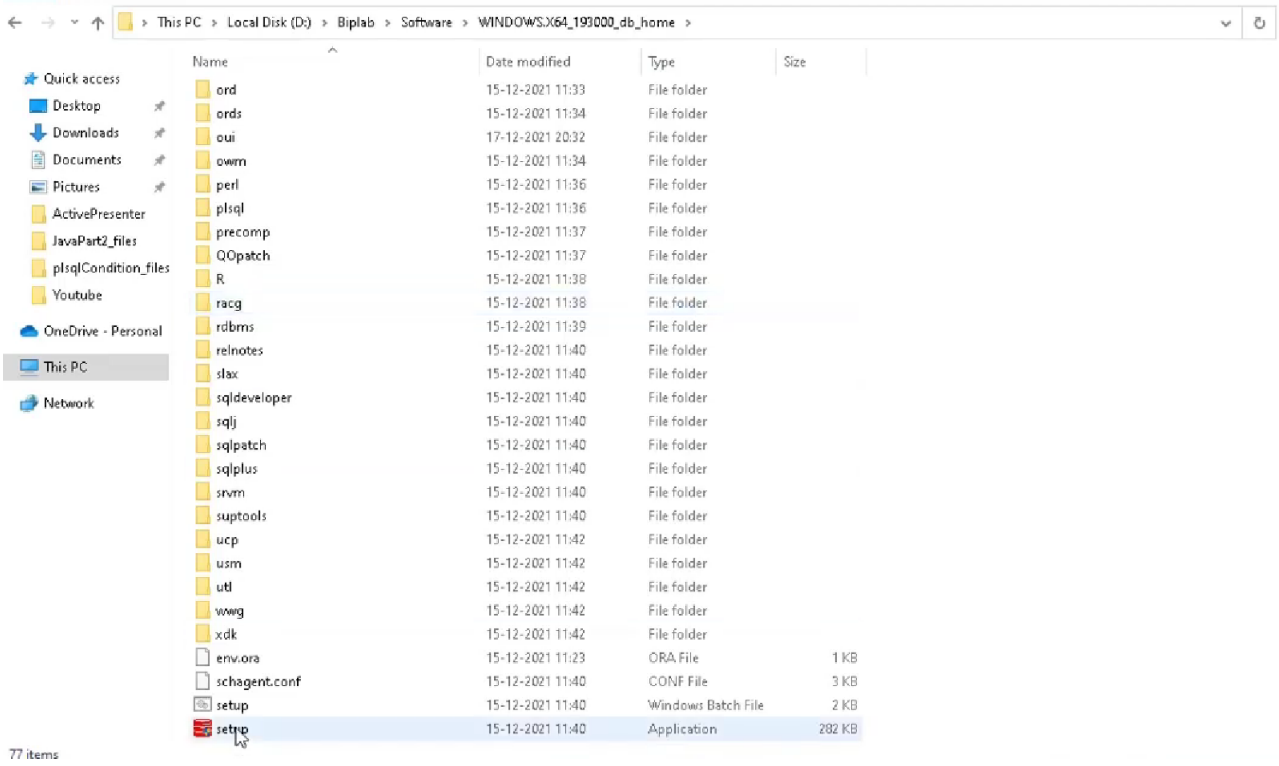
Download Oracle DB 19c (19.3)

Link: Oracle DB 19c



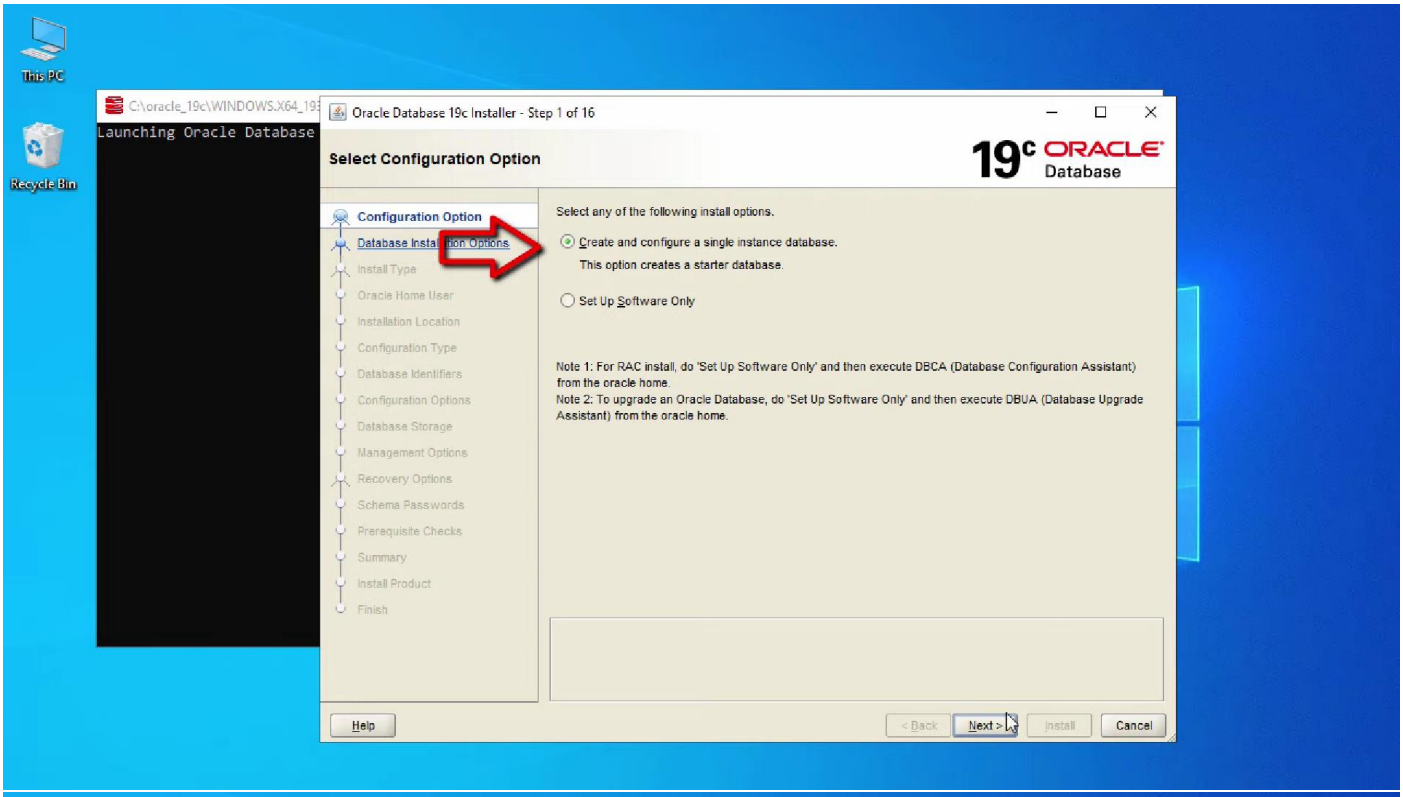
Create an Account to Download. (If you don't have an account already)

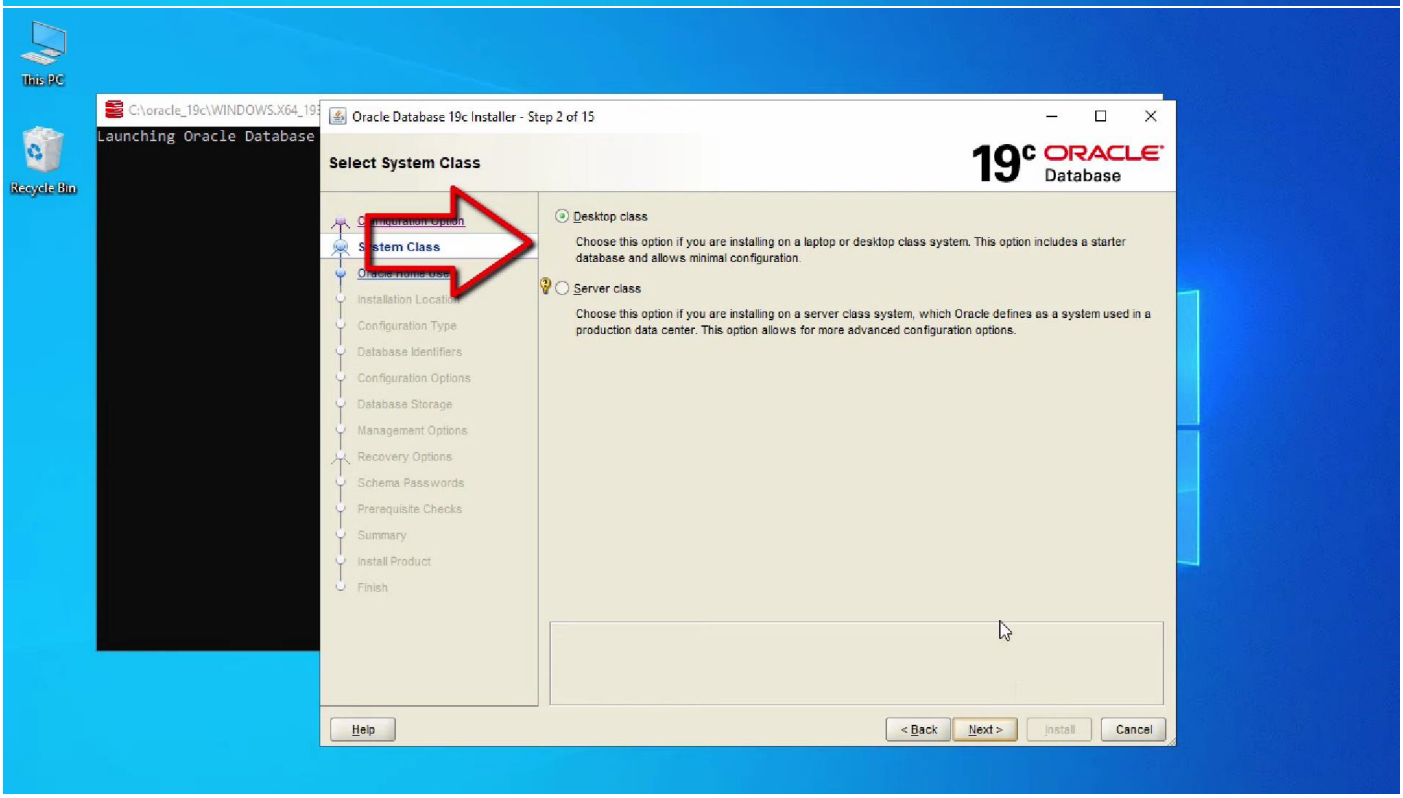
Step 2 Unzip the Downloaded file and open the Setup application.

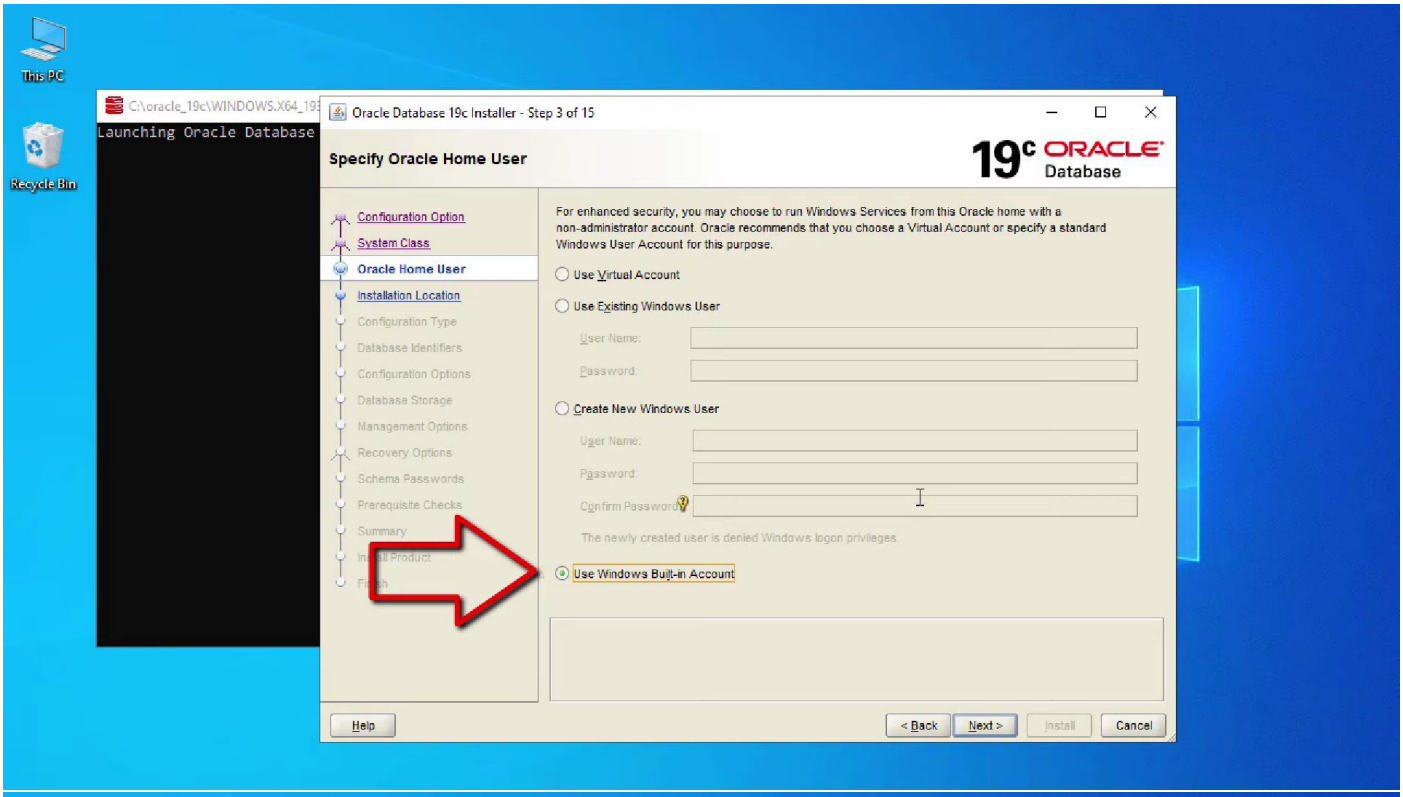


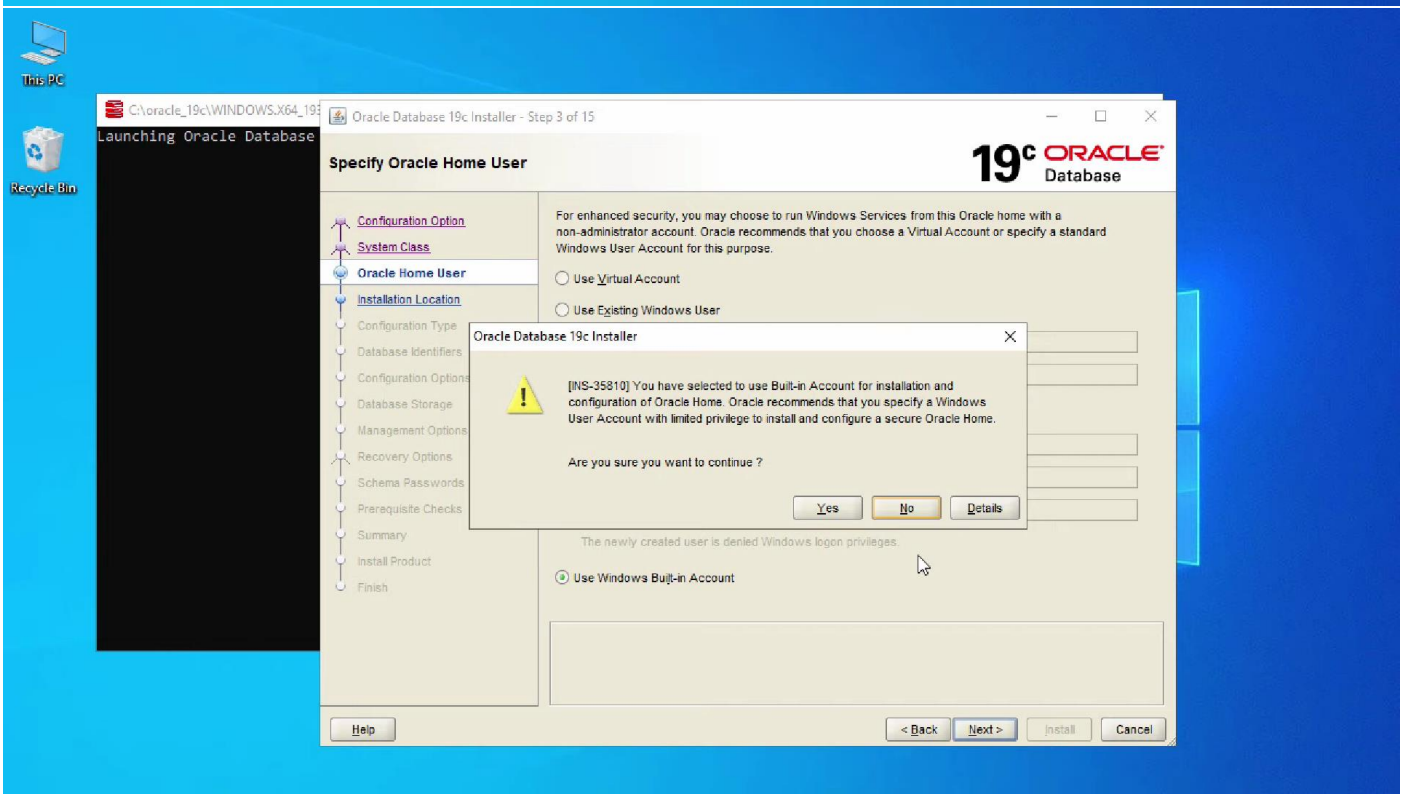
Step 3

1. **Click on Next >>**
2. **Desktop class – Next >>**
3. **Use Windows Built in Account -Next >>**
4. **Yes >>**
5. **Check the database location and database name set password carefully, I recommend you to Save the password and Global database name >>**
6. **Next-Yes >>**
7. **Install**
   Selected Option: (Create and configure single database instance)






This PC
Recycle Bin
C:\oracle_19c\WINDOWS.X64_193
Launching Oracle Database
Oracle Database 19c Installer - Step 3 of 15
Specify Oracle Home User
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Installation Location
Configuration Type
Database Identifiers
Configuration Options
Database Storage
Management Options
Recovery Options
Schema Passwords
Prerequisite Checks
Summary
Install Product
Finish
For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.
Use Virtual Account
Use Existing Windows User
User Name:
Password:
Create New Windows User
User Name:
Password:
Confirm Password:
The newly created user is denied Windows logon privileges.
Use Windows Built-in Account
Help
< Back
Next >
Install
Cancel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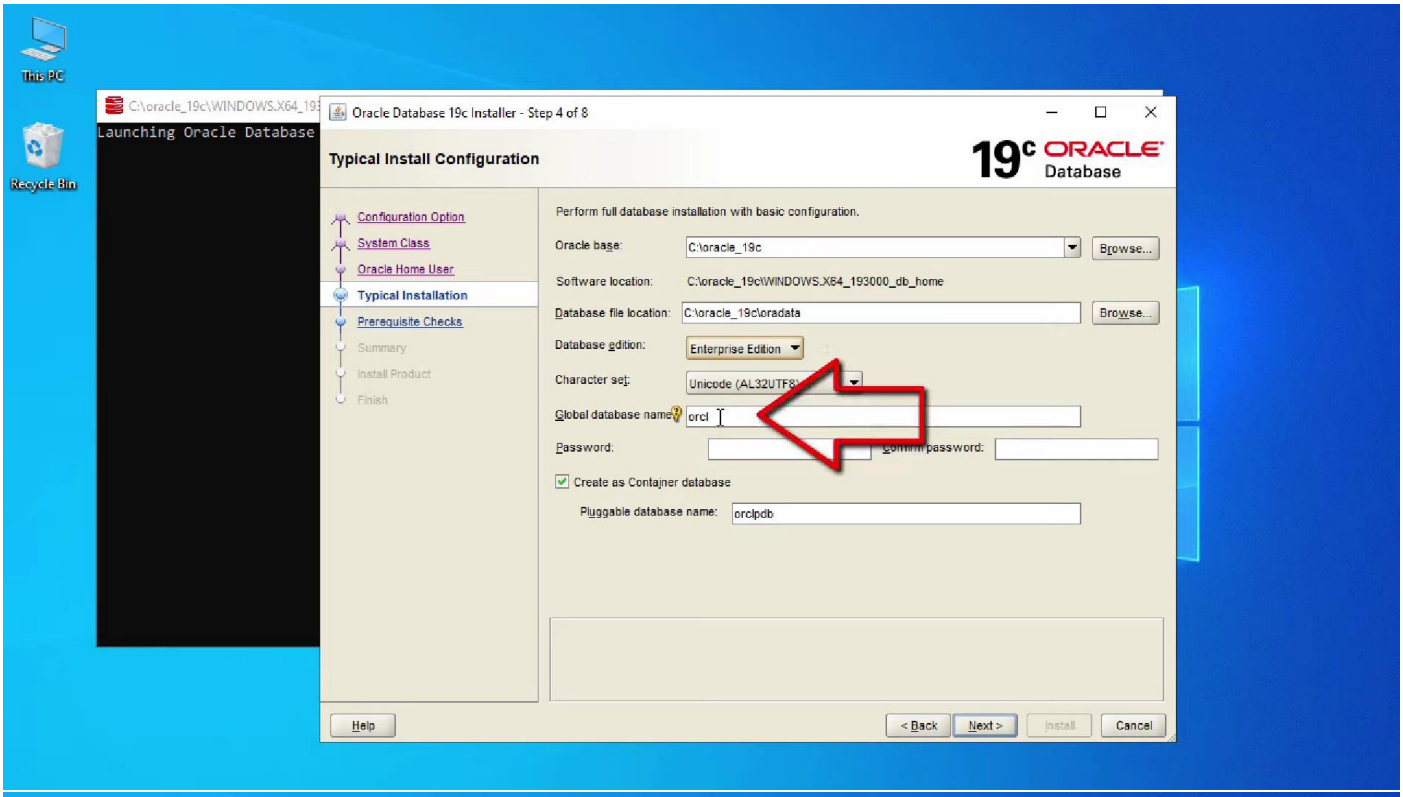
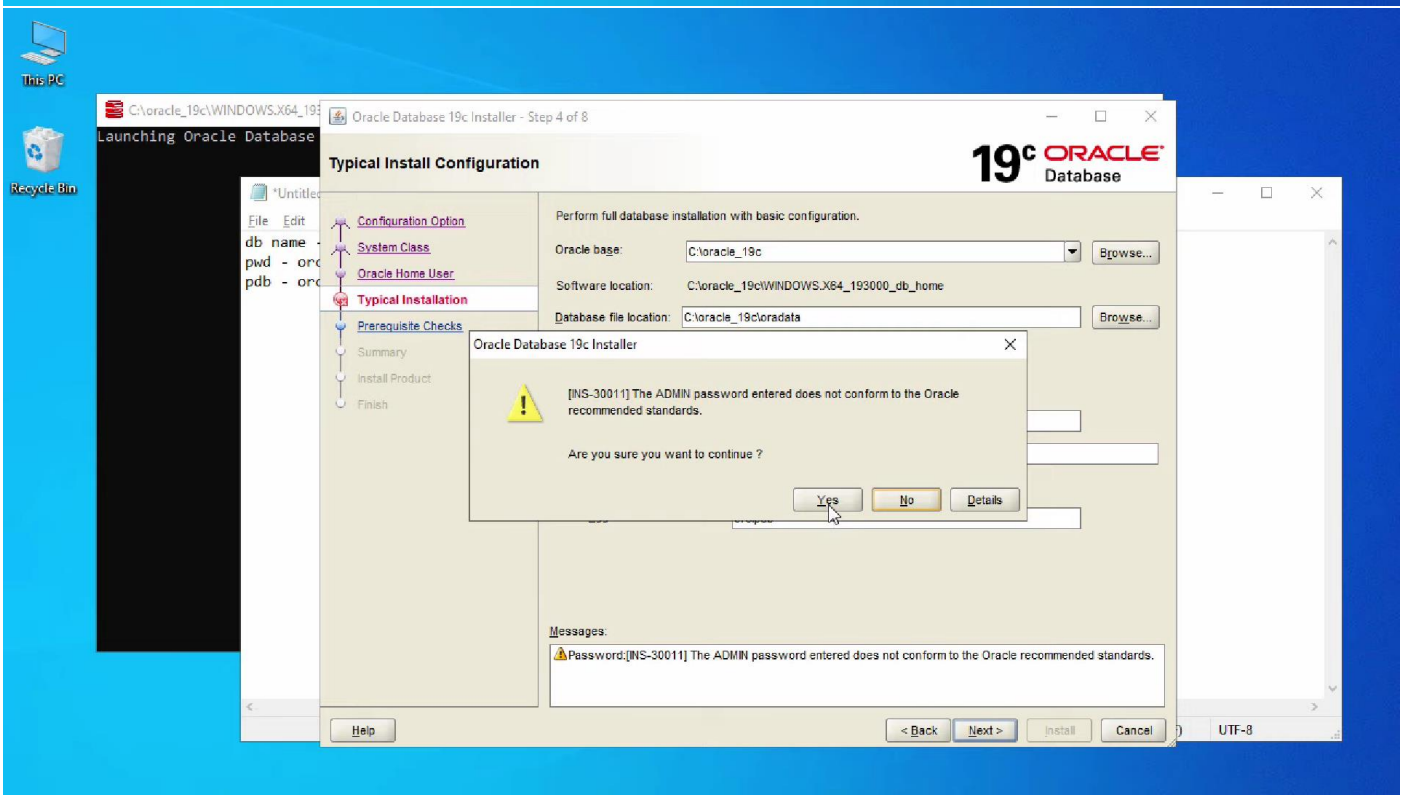
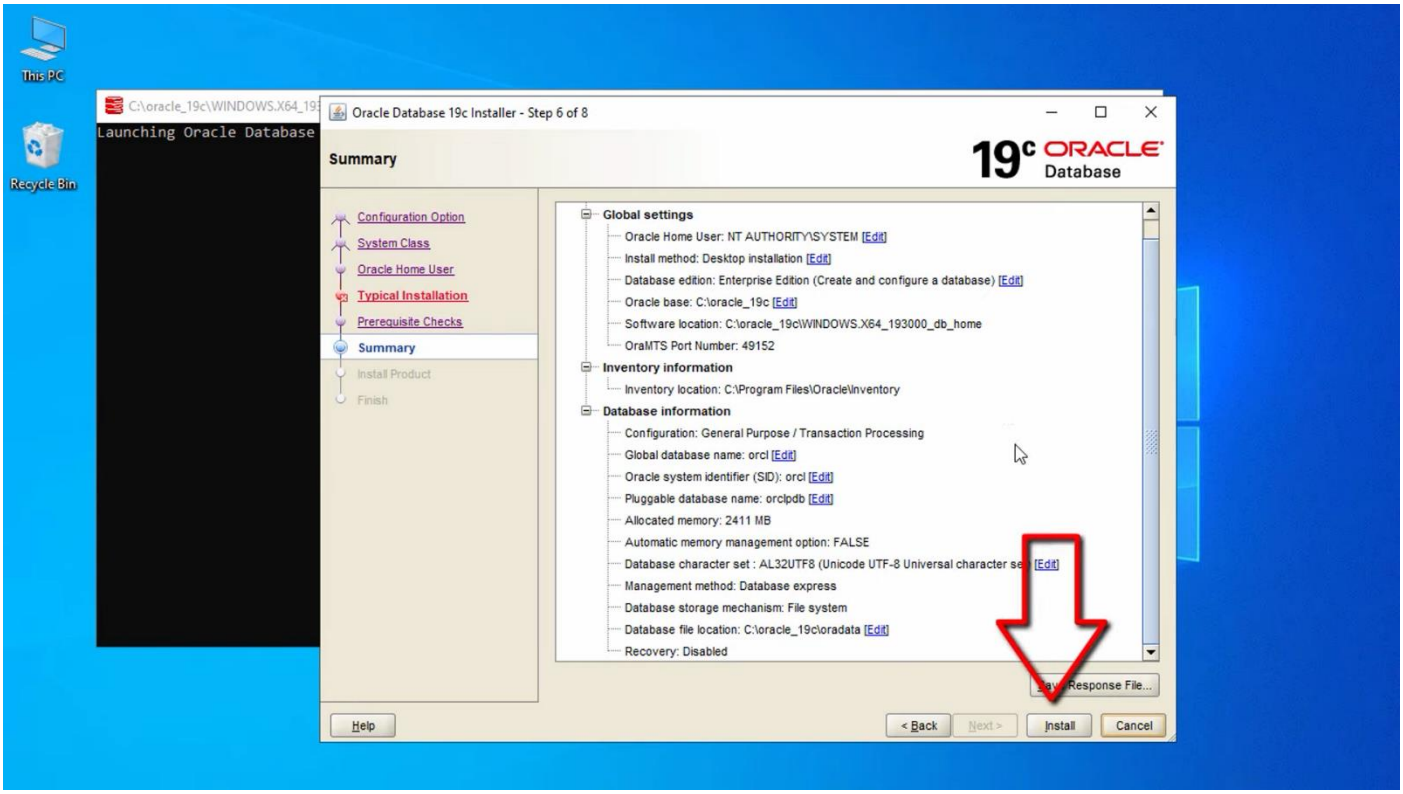
Finish
For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.
Use Virtual Account
Use Existing Windows User
Oracle Database 19c Installer
[INS-35810] You have selected to use Built-in Account for installation and configuration of Oracle Home. Oracle recommends that you specify a Windows User Account with limited privilege to install and configure a secure Oracle Home.
Are you sure you want to continue ?
Yes
No
Details
The newly created user is denied Windows logon privileges.
Use Windows Built-in Account
Help
< Back
Next >
Install
Cancel

The next step is most important step

Do remember the Global Database name(By default its orcl) you can leave it on default name and then set the password(keep it short) for eg: orcl or 12345 or namedb





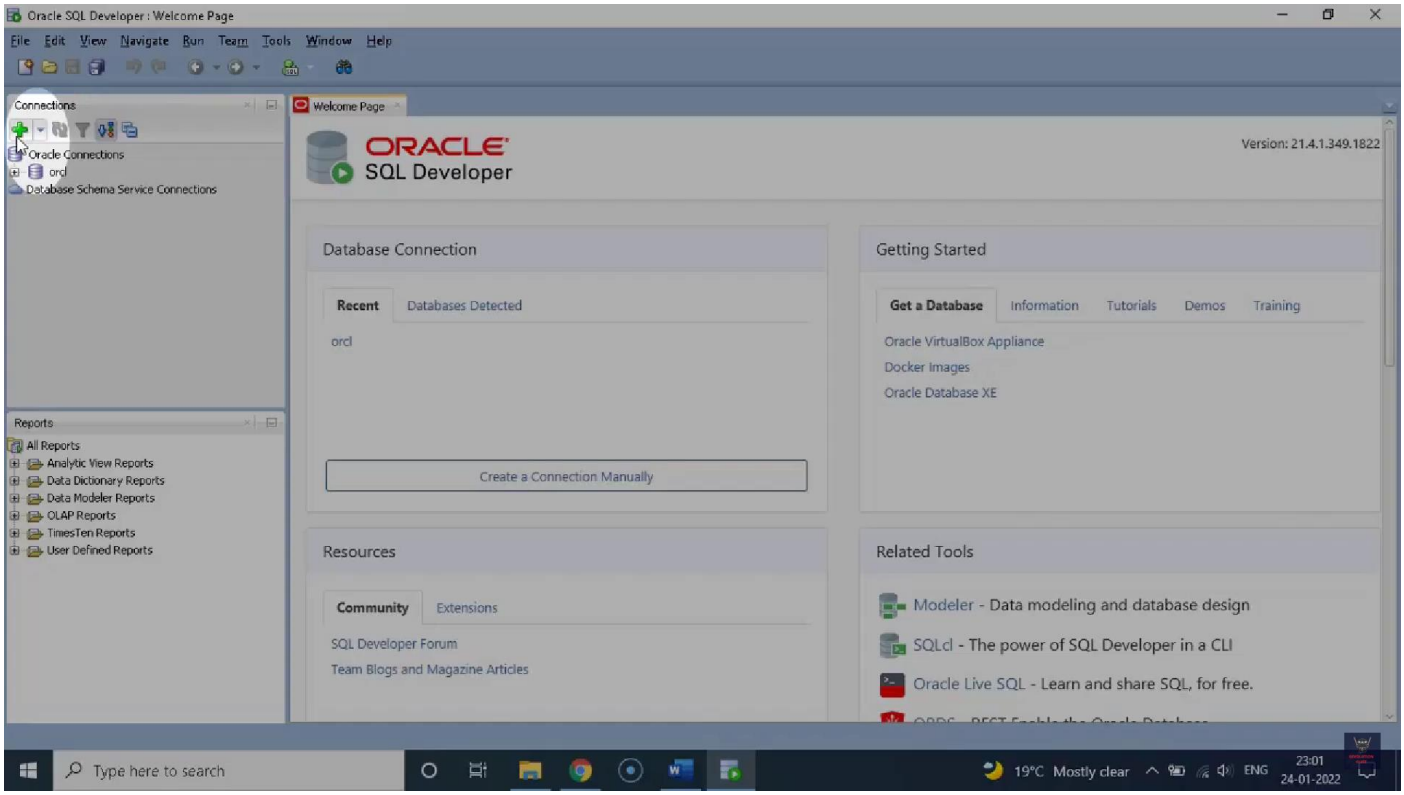

This PC
Recycle Bin
C:\oracle_19c\WINDOWS.X64_193
Launching Oracle Database
Oracle Database 19c Installer - Step 6 of 8
Summary
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish
Global settings
Oracle Home User: NT AUTHORITY\SYSTEM [Edit]
Install method: Desktop installation [Edit]
Database edition: Enterprise Edition (Create and configure a database) [Edit]
Oracle base: C:\oracle_19c [Edit]
Software location: C:\oracle_19c\WINDOWS.X64_193000_db_home
OraMTS Port Number: 49152
Inventory information
Inventory location: C:\Program Files\Oracle\Inventory
Database information
Configuration: General Purpose / Transaction Processing
Global database name: orcl [Edit]
Oracle system identifier (SID): orcl [Edit]
Pluggable database name: orclpdb [Edit]
Allocated memory: 2411 MB
Automatic memory management option: FALSE
Database character set : AL32UTF8 (Unicode UTF-8 Universal character se [Edit]
Management method: Database express
Database storage mechanism: File system
Database file location: C:\oracle_19c\oradata [Edit]
Recovery: Disabled
Response File...
Help
< Back
Next >
Install
Cancel

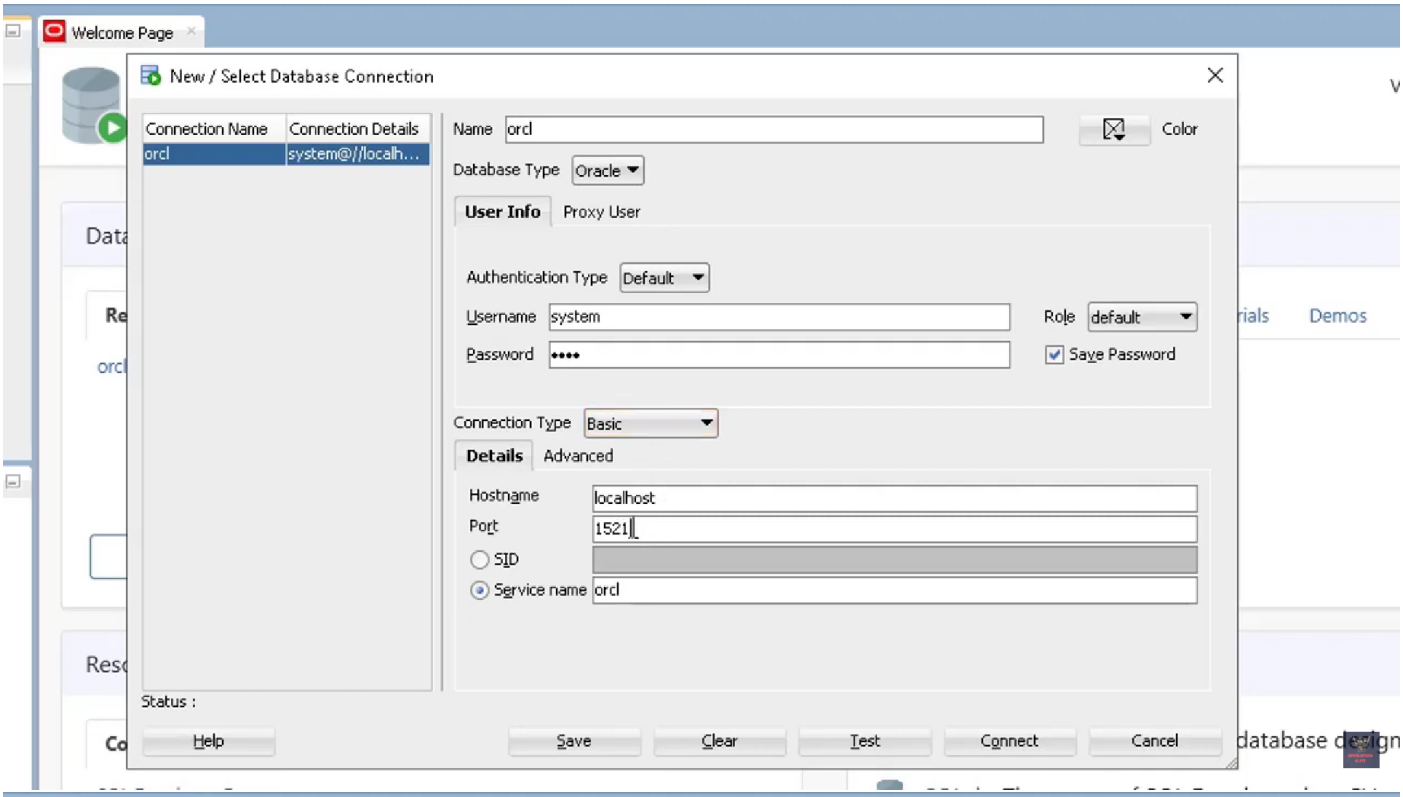
Step – 4

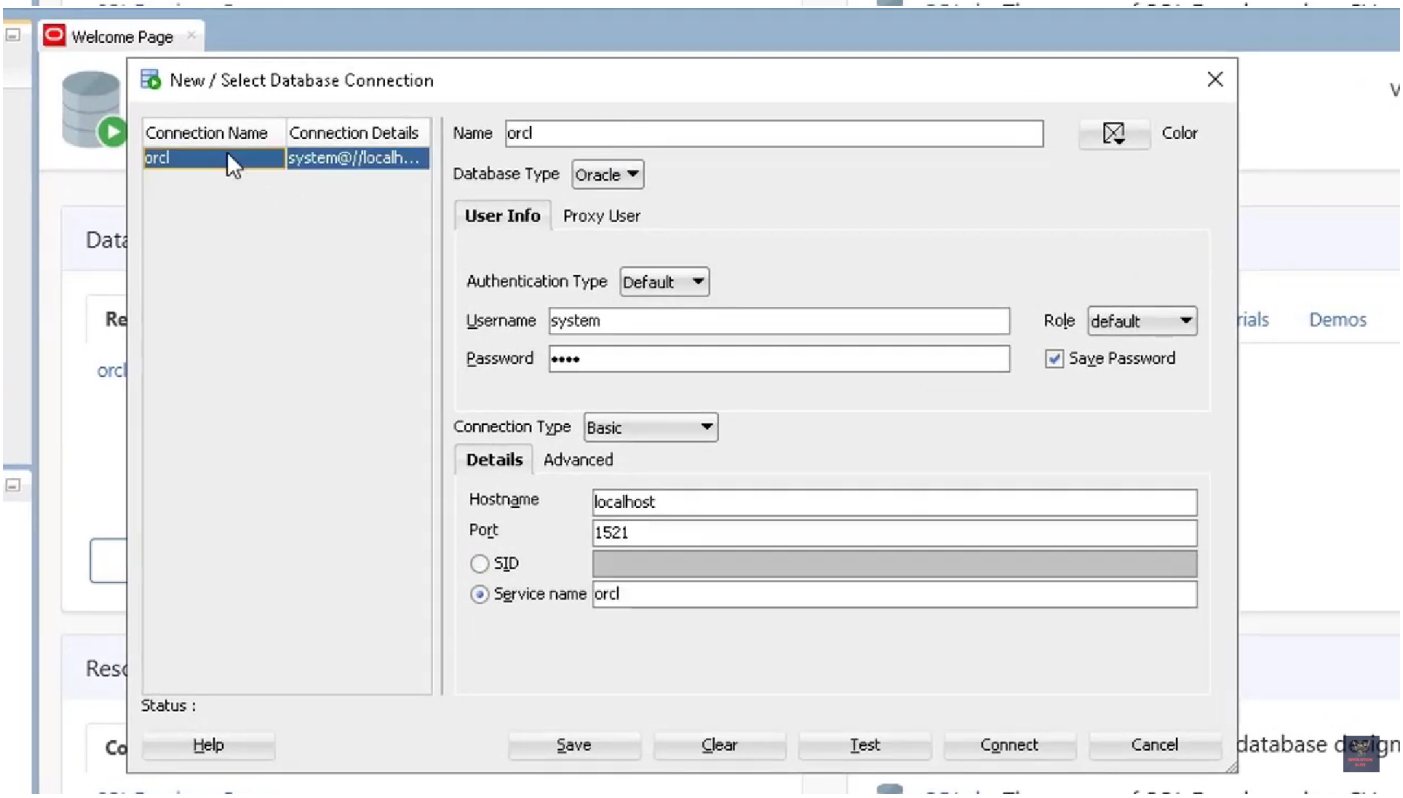
Connecting DB to SQL Developer

Download SQL Developer from: Link

1. Open SQL Developer exe (executable file)
2. Click on + to add a connection
3. Click on the connection name available and then
4. Set the name you want for your database (it can be anything)
5. **Username:** system (it will remain system because you created a database in system)
   Password: as set by you
   In Details click on service name(uncheck SID) : orcl
   Test
   Connect




Welcome Page
New / Select Database Connection
Connection Name
Connection Details
orcl
system@//localh...
Name
orcl
Color
Database Type
Oracle
User Info
Proxy User
Authentication Type
Default
Username
system
Role
default
Password
Save Password
Connection Type
Basic
Details
Advanced
Hostname
localhost
Port
1521
SID
Service name
orcl
Status :
Help
Save
Clear
Test
Connect
Cancel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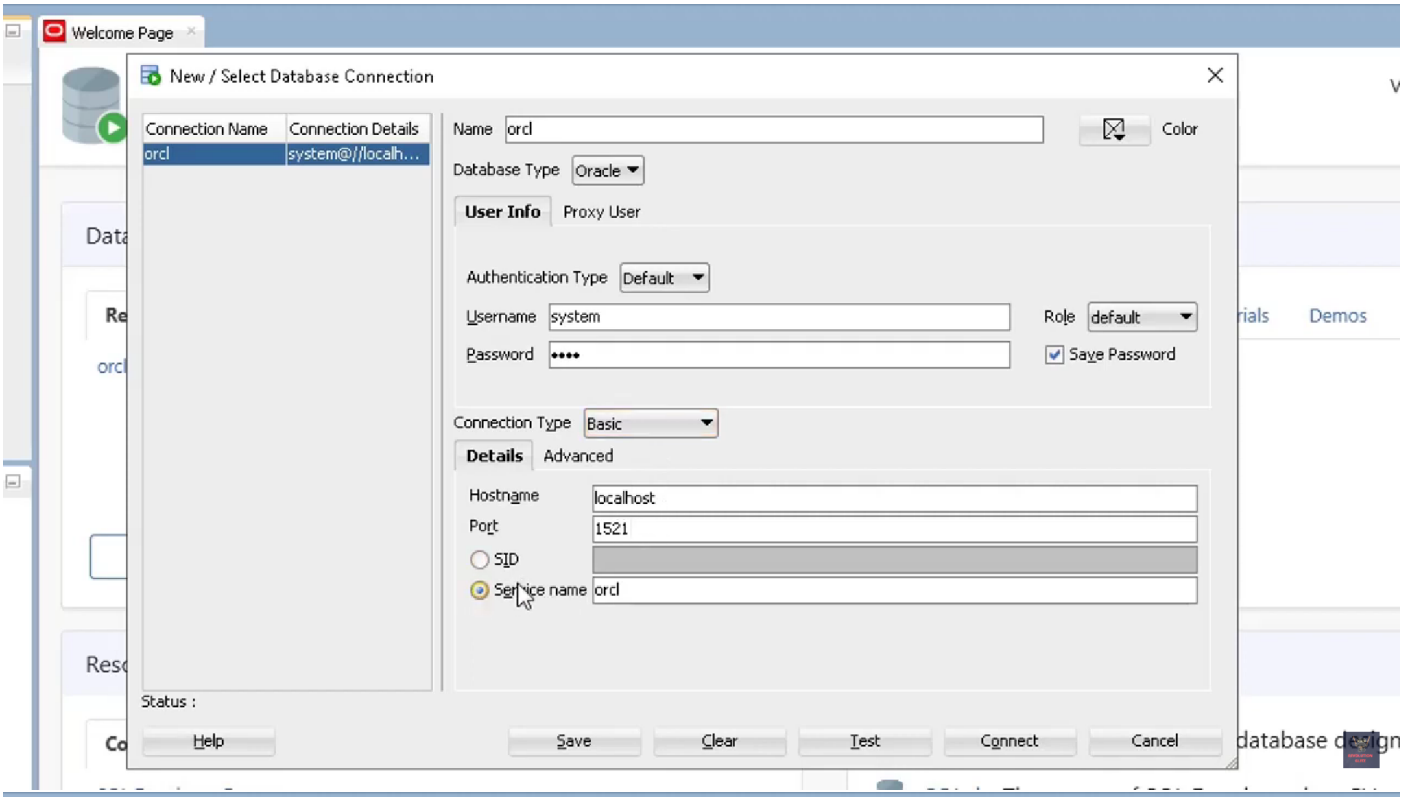
New / Select Database Connection
Connection Name
Connection Details
orcl
system@//localh...
Name
orcl
Color
Database Type
Oracle
User Info
Proxy User
Authentication Type
Default
Username
system
Role
default
Password
Save Password
Connection Type
Basic
Details
Advanced
Hostname
localhost
Port
1521
SID
Service name
orcl
Status :
Help
Save
Clear
Test
Connect
Cancel


Welcome Page
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Connection Name
Connection Details
orcl
system@//localh...
Name
orcl
Color
Database Type
Oracle
User Info
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Password
Save Password
Connection Type
Basic
Details
Advanced
Hostname
localhost
Port
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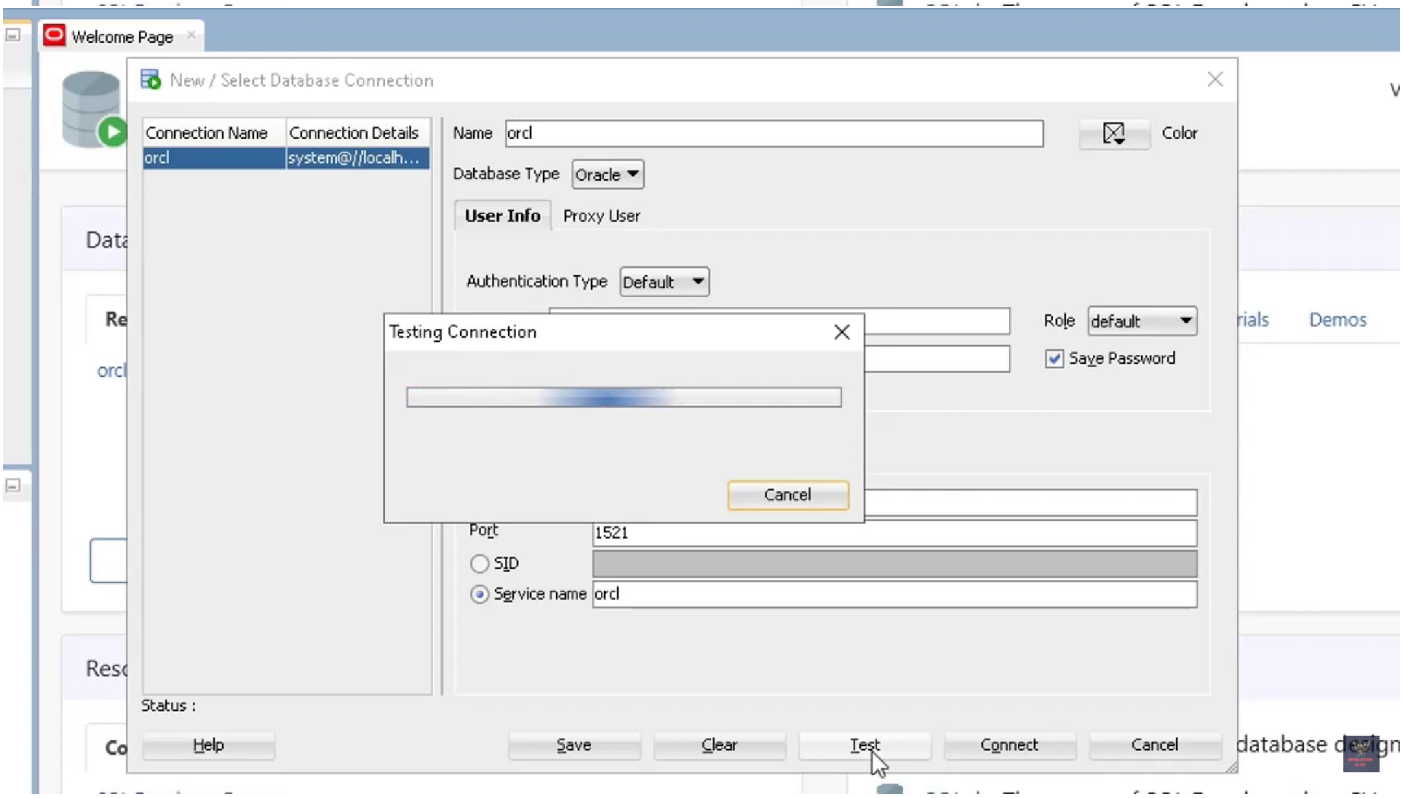
Service name
orcl
Status :
Help
Save
Clear
Test
Connect
Cancel


Welcome Page
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Connection Name
Connection Details
orcl
system@//localh...
Name
orcl
Color
Database Type
Oracle
User Info
Proxy User
Authentication Type
Default
Role
default
Save Password
Testing Connection
Cancel
Port
1521
SID
Service name
orcl
Status :
Help
Save
Clear
Test
Connect
Cancel