**Day-06**

**17-03-2025**

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**Oracle Database Software Setup:**

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Oracle Database Software Versions:

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Current Version: Oracle database 23ai LTR ==> 2024

Oracle v0 ==> 1977

Oracle v1 ==> 1978

Oracle v2 ==> 1979

Oracle 21c -> LTR ==> 2021

Oracle 19c -> LTR ==> 2019 ==> Still maintained by Oracle corporation

Oracle 18c

Oracle 12g

Oracle 11g

Oracle 10g -> older versions ==> not maintained by Oracle corporation

Local computer have:

 1gb hard disc/SSD

 8 gb rab

Light weighted oracle database software: 11g

How to Install the 11g software?

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1) download the 11g software

 i) open the browser

 ii) search about "oracle 11g express edition" download

 instead the above steps, use the below navigated link:

 "https://www.oracle.com/database/technologies/xe-prior-release-downloads.html"

 iii) According to the system configuration, we should start download the 11g express edition.

 iv) click on "license agreement"

 v) we can navigate with new window for login/ create account with oracle database software.

 vi) proceed with "create new account"

 vii) Fill all the details "create account form"

 viii) open your mail id,

 confirm the account verification by click on the link which was received.

 ix) after the verification successfully, your file can be download.

2) After the downloading of the file:

 we need to go to the file location

3) Select the downloaded file

right click of mouse

click on "extract all"

and click on extract

4) After the extraction,

open the "disk1"

5) run "setup.exe" file by double click on it and hit "yes"

6) then click on "next"

7) accept the "license agreement"

and click on "next"

8) create the folder for the Oracle database

click on "browse" and select your folder

then click on "next"

9) At the time of installation, we should create "DBA (Database Administration) account"

DBA name ==> "system"

password ==> "system"

Destination Folder: C:\Oracle\

Oracle Home: C:\Oracle\app\oracle\product\11.2.0\server\

Oracle Base:C:\Oracle\

Port for 'Oracle Database Listener': 1521

Port for 'Oracle Services for Microsoft Transaction Server': 2030

Port for 'Oracle HTTP Listener': 8080

click on "install"

How to know whether the Oracle software has installed successfully or not?

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oracle --version

How to interact with Oracle database software?

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-> There are three options:

 1) Using CLI (Command Line Interface)

 2) Using Web application

 3) Using GUI (graphical user interface)

1) Using CLI (Command Line Interface)

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-> search in window

and search for "SQL command line"

open the "Run SQL command line"

SQL CLI ==> also called as "SQL \* plus"

-> We need to enter the command

 $ connect

and enter user name = system

password = system

hit enter button

-> To know the user name who has connected to the oracle database software is:

 $ show user;