# DATABASE CREATION INSTRUCTIONS

**Part 1: Download Oracle 19c Enterprise Edition**

Open a “cmd” window as then, navigate in the cmd window to the folder (under your installation folder in step 2) where the setup.exe file has been unzipped. Then, run the following command.

**setup -ignorePrereq -J"-Doracle.install.db.validate.supportedOSCheck=false"**

Step 1: Configure Security Updates:

Step 2: Installation Option:

Select 'Create and configure a database', then press 'Next'

Step 3: System Class:

Select 'Desktop Class', then 'Next'

Step4: Home User Selection

Step 5: Typical Installation Configuration:

Accept defaults EXCEPT for the following:

Global DB name: change to **'orcl2355'. This is the instance name.**

Admin (SYS) password: **'*yourFirstName*sOracle123'** (e.g., haOracle123)

'Next' / 'Yes' to continue

Step 6: Prerequisite Check is performed.

Step 7: Summary of response is displayed. 'Save Response File' and 'Install'.

Step 8: Install Product message is displayed

Step 9 Installation was Successful

**Part 2: Run the script**

Now that Oracle is installed, we will use **sqlplus** to create a new database.

Copy the ‘**toolrental\_create.sql’** scripts to a convenient folder on your PC.

* Open a cmd window (‘run as administrator’) and navigate to the folder where your sql scripts are stored. (using the cd command….)
* Inside the command window, startup sql plus as follows: ‘sqlplus / as sysdba’
* This will again connect you as sysadmin without needing a password.
* Once connected, issue the following command inside sqlplus:

@toolrental\_create.sql

**Part 3: Install Oracle SQL Developer and create a new connection**

Install the Oracle SQL Developer (Including JDK) from the Oracle downloads site at:  
[Oracle SQL Developer Downloads](https://www.oracle.com/database/sqldeveloper/technologies/download/)You need to create a new connection: userAdminConnectionthat connects to the local Oracle database instance *as* “userAdmin”using the password provided as “userAdminPassword” (mentioned in the script ‘toolrental\_create.sql’).

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**Part 4: Install the client-side ODBC driver for Oracle (64 bit) and create new DSN**

* Download the prerequisite “Microsoft Visual C++ Redistributable for Visual Studio 2015, 2017 and 2019” from <https://support.microsoft.com/en-us/topic/the-latest-supported-visual-c-downloads-2647da03-1eea-4433-9aff-95f26a218cc0>
* Download the Instant Client Basic Package from: <https://www.oracle.com/ca-en/database/technologies/instant-client/downloads.html>

Open the ODBC Data Sources (64 bit) à navigate to the System DSN tab and select “Add” à Oracle in instantclient\_23\_6. Follow the below information. Password should be ‘userAdminPassword’.

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**Part 5: Connect Oracle database with front end Access**

* 1. Open the access file named “Assignment\_2”, open any table, user is prompted to enter the password, making sure to type ‘userAdminPassword’.

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