How to Use Oracle SQL Developer && Data Modeler

1. Connect to CentOS Oracle Enterprise Server
   1) Connection Name : CentOS Oracle Server
   2) Username : scott
   3) Password : tiger
   4) Check [Save Password]
   5) Connection Color : blue
   6) Connection Type : Basic
   7) Role : default
   8) Hostname : 192.168.56.5
   9) Port : 1521
   10) SID : orcl
   11) Click [Test] button --> Status : Success
   12) Click [Connect] button

2. Display Data Modeler
   1) View > Data Modeler > Browser

3. In Browser Window
   1) Logical Model > Right-Mouse Context Menu > Select [Show]
   2) Display [Logical (Untitled_1)] Tab

4. Add Object Entity
   1) In Menu Bar > Select [New Entity] > Name : Student > Click [OK] button
   2) Student Entity Double-click
   3) Select [Attributes] in the left pane.
   4) Click green plus button to add attribute
   5) Name : Hakbun
   6) Data Type : select [Logical]
   7) Source Type : CHAR
   8) Size : 4
   9) Check [Primary UID]

5. Change Notation
   1) Right-Mouse Menu > Notation > Select Information Engineering Notation

6. Setting Relationship

7. Transfer Relational Models(Physical Models)
   1) In Brower, Right-Click [Logical Model] > Engineer to Relational Model] > Click [Engineer] button

8. Import from Data Dictionary
   1) File > Data Modeler > Import > Data Dictionary

2) Connect to Database.
   - Select [Connection Name] to connect
   - Next
3) Select Schema / Database.
   - Select [SCOTT] Schema
   - Next
4) Select Objects to Import.
   - Select BONUS, DEPT, EMP, SALGRADE Objects
   - Next
5) Generate Design.
   - Finish