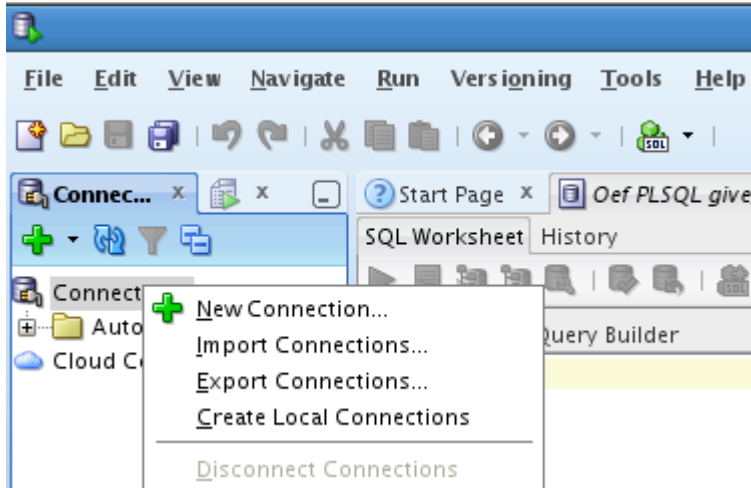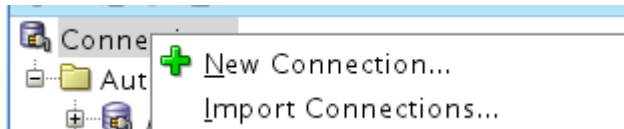| Database Training |
| --- |

1. Open SQL Developer (either in the virtual machine or via Oracle Express 11g)
2. Start SQL Developer (In the virtual machine, do not use Applications > Programming > SQL Developer: This doesn't work)
3. Right click on Connections. Choose Create Local Connections

4. Click on the + voor Auto-Generated Local Connections
5. Right click on / as sysdba. Choose Open SQL Worksheet
6. Open the file createSchema.sql using Notepad
7. Copy the entire content to the SQL Worksheet
8. To execute the SQL code, click on 1 of both buttons
9. Right click on Connections
10. Choose New Connection …

11. Use the following settings
    - Connection Name: TRAINING
    - Username: student
    - Password: oracle

12 Click on the button Test. If you get an ORA-12505 error, change SID from xe to orcl

13 If the test succeeds, click on the button Save. Close the window afterwards
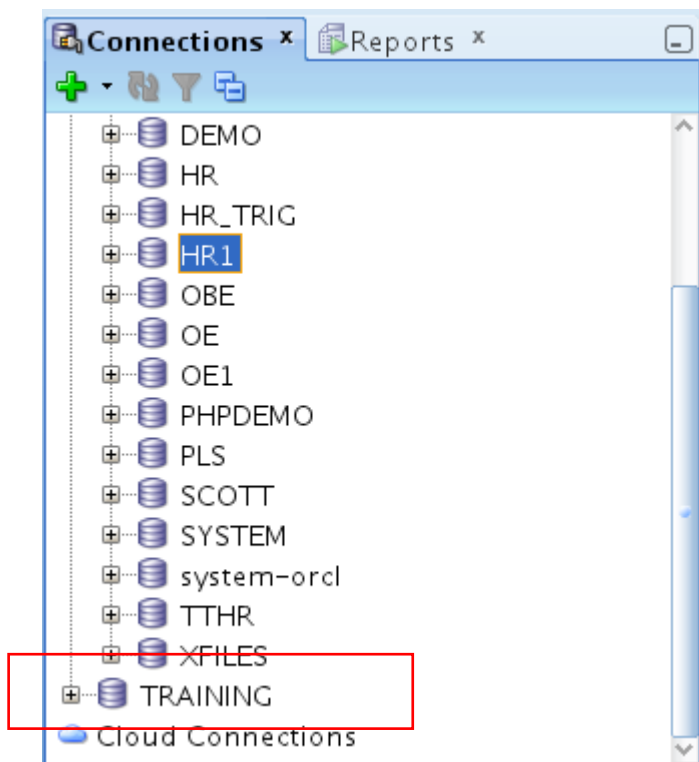
14 Right click on TRAINING. Choose Open SQL Worksheet

15 Open the file createTraining.sql using Notepad. Take a look at the SQL code to make sure that you understand what you are doing.

16 Copy the entire content to the SQL Worksheet

17 To execute the SQL code, click on 1 of both buttons

18   Open the file fillTraining.sql using Notepad
19   Copy the entire content to the SQL Worksheet. Remove the previous content.

20   To execute the SQL code, click on 1 of both buttons ▷ 📄
21   If you get any errors, you can show the line numbers
   - Choose Tools > Preferences > Code Editor > Line Gutter > Show Line Numbers
22   Check the content of the database.
   - Right click on Tables > choose Refresh
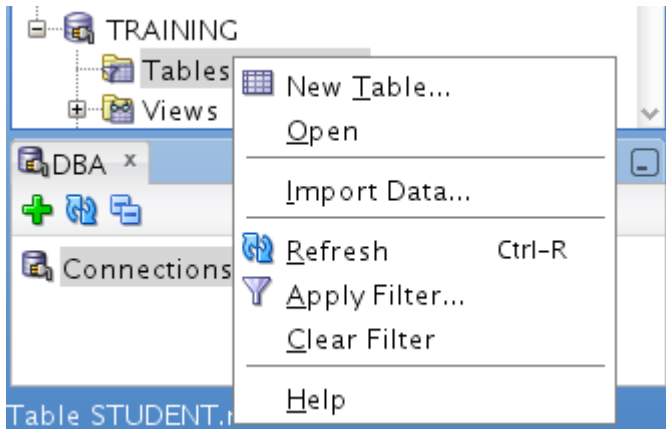
   - Double click on one of the tables. You get the Columns.
   - You can click on Data / Constraints / … at the top

Columns | Data | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

	COLUMN_NAME	DATA_TYPE	NULLABLE	DATA_DEFAULT	COLUMN_ID	COMMENTS
1	COURSEID	VARCHAR2(4 BYTE)	No	(null)	1	(null)
2	DESCRIPTION	VARCHAR2(50 BYTE)	No	(null)	2	(null)
3	TYPE	CHAR(3 BYTE)	No	(null)	3	(null)
4	LENGTH	NUMBER(2,0)	No	(null)	4	(null)