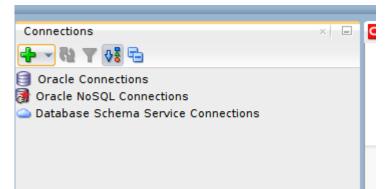
# IMPORT DATABASE WITH ORACLE SQL DEVELOPER

#### How to connect on database

Create a new connection at Oracle database



Use user SYSTEM and the password you specified (during the Oracle Database Express Edition installation or with the docker run command). Use a (connection) name you prefer.

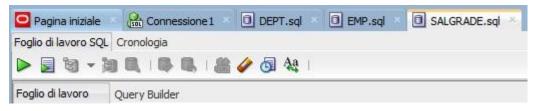
🔂 New / Select D	atabase Connection						×
Connection Name	Connection Details	Name Connectio Database Type	Drade 🔻				Color
		Authentication 1 Username SYS Password ••••	TEM	•			e default <b>v</b> Sa <u>v</u> e Password
		Connection Type Details Adva	nced	•			
		Hostn <u>a</u> me	localhost				
		Po <u>r</u> t	1521				
		⊙ S <u>I</u> D ○ S <u>e</u> rvice nam	e				
Status :							
<u>H</u> elp		<u>S</u> av	/e	<u>C</u> lear	<u>T</u> est	C <u>o</u> nnect	Cancel

#### How to import database (using SQL script)

To solve some exercise is needed to import databases available on course's page.

Download database and extract zip files.

Open SQL files with SQL Developer and execute them on application.



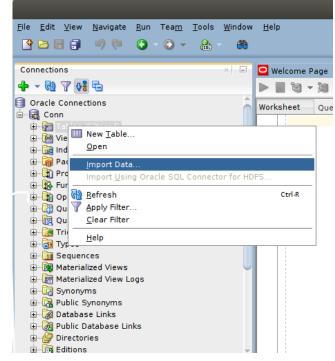
After this task, Database are generated. On left side you can see all tables.

Connessioni Oracle	-	📌 🚯	🛃 🗶 🕒 🔍   Ordina.	Filtro:
Connessione 1			DEPTNO DNAME	\$ LOC
🛱 Tabelle (filtrati)		1	140 INFORMATION	VARESE
AQ\$_INTERNET_AGENT_PRIVS		2	141 CHAIRMANSHIP	BARI
AQ\$_INTERNET_AGENTS     AQ\$_QUEUE_TABLES		3	142 CHAIRMANSHIP	IVREA
⊕ III AQ\$_QUEUES	0	4	143 PHYSICS	ALESSANDRIA
AQ\$_SCHEDULES		5	144 MATHEMATICS	MONCALIERI
DEF\$_AQCALL		6	145 TECHNICIAN	TORINO
DEF\$_AQERROR		7	146 CHAIRMANSHIP	IVREA
DEF\$_CALLDEST      DEF\$_DEFAULTDEST		8	147 AEROSPACE	LECCE
		9	148 CHAIRMANSHIP	AOSTA
EF\$_DESTINATION     EF\$_DESTINATION		10	149 CHAIRMANSHIP	FOGGIA
		11	150 INFORMATION	IVREA
DEF\$_ORIGIN		12	151 INFORMATION	MONCALIERI
DEF\$_PROPAGATOR		13	152 TECHNICIAN	BARI
DEF \$_PUSHED_TRANSACTIONS		14	153 CHAIRMANSHIP	BRINDISI
		15	154 CHEMISTRY	MILANO
		16	155 CHAIRMANSHIP	
		17	156 CHAIRMANSHIP	

### How to import database (CSV file)

If Database is on csv format, we need to import data as follows.

Right click on Tables  $\rightarrow$  Import Data



Follow Wizard instructions to setup. Set Format with "csv" and insert csv file path.

Data Preview           Data Preview         Restore S           Import Method         Source:	
Source: Local File +	ate
Choose Columns	
✓ Finish     File Format       ✓ Header     After Skip ▼       Skip Rows:     0	
Eormat: csv V Preview Row Limit: 100	
Delimiter:     ,      Line Terminator:     standard: CR LF, CR or LF       Left Endosure:     *     Right Endosure:     *	
File Contents	
Help <a>Back Next &gt; Enish Can</a>	<b>,</b> *

#### Click on next and set table's name.

🐻 Data Import Wizard - Si	tep 2 of 4		$\times$
Import Method			
Data Preview Import Method Column Definition Finish		r importing data. For External Table method, an external table will be created to read the data in the file. For Staging External Table method, an reated as a staging table for importing the target table. For other methods, a new table is created and the data is imported. Insert Send Create Script to SQL Worksheet	
	Table Name:	Table 1	
	File Contents		

Click next and import all attributes. Pay attention on KEY attributes, you have to set the type =

## INTEGER and must be NOT NULLABLE.

Source Data Columns	Target Table Columns
CONCORSO	Name ID
RISERVATO_A_STUDENTI_DI	
TIPO_CDL	Data Type INTEGER
SEDE_ATTIVITA'	Nullable? Default
STRUTTURA/CORSO_PRESSO_CUI_SI_SVOLGE	Comment
POSTI	
RIPARTIZIONE_DELLE_BORSE_	
IMPORTO_ORARIO_	
ATTIVITÀ_RICHIESTE_AL_BORSISTA	
CONDIZIONI,_REQUISITI_O_CONOSCENZE_PAR	
DATA_DI_INIZIO_DELLE_DOMANDE_	
Click to End.	