

How to connect to oracle servers with sql developer in Computer Science labs?

- 1- Login to windows.
- 2- Click on Start Menu and from the list choose sqldeveloper
- 3- Click on Connection > new connection
Username: CompSciUsername
Password: MMDDXXXX
“MM: Birth Month, DD: Birthday and XXXX: last 4 digits of your student ID”

For Oracle Database 11g:
Hostname: oracle.scs.ryerson.ca
Port: 1521
SID: orcl

For Oracle Database 12c:
Hostname: oracle12c.scs.ryerson.ca
Port: 1521
SID: orcl12c

- 4- Click connect

How to connect to oracle servers using sql developer remotely?

- 1- You need to use VPN in order to access the oracle database using sqldeveloper
- 2- The link below has all the required vpn config, instruction and video on how to install and use the vpn.
<https://drive.google.com/drive/u/1/folders/1WmDneVZyp2KEyihIMhZqqj7Y2XSEGscA>
- 3- After you connect to vpn then you can run sql developer software and connect to oracle database.

How to connect to oracle servers through ssh?

- 1- Download MobaXterm – free app - from <https://mobaxterm.mobatek.net/> (There is a portable version which does not require any installation)
- 2- Run MobaXterm, SSH, Hostname: moon.scs.ryerson.ca, username: your CompSci username, Port: 22
- 3- Connect to Oracle Database 11g with this command:
sqlplus64
"CompSciUsername@(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(Host=[oracle.scs.ryerson.ca](https://moon.scs.ryerson.ca)))(Port =1521))(CONNECT_DATA=(SID=orcl)))"
- 4- Connect to Oracle Database 12c with this command:
sqlplus64
"CompSciUsername@(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(Host=[oracle12c.scs.ryerson.ca](https://moon.scs.ryerson.ca)))(Port=1521))(CONNECT_DATA=(SID=orcl12c)))"

Note: CompSciUsername is your Computer Science username.

- 5- Then it prompts for oracle password.

Password: MMDDXXXX

"MM: Birth Month, DD: Birthday and XXXX: last 4 digits of your student ID"

Note: You can change your password after first login or you can continue using the default password