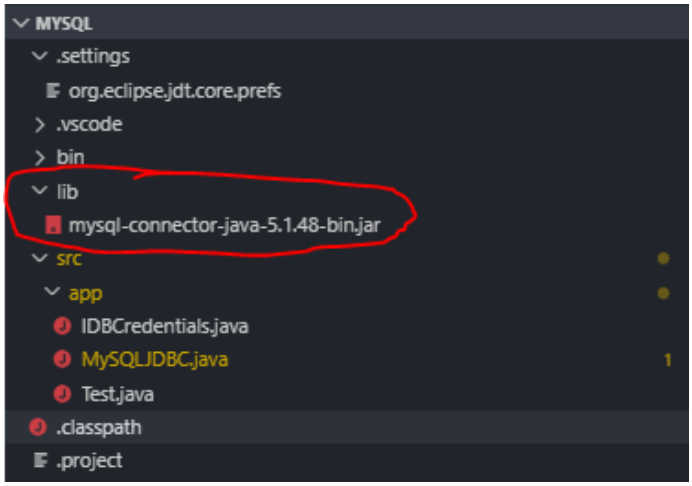
Getting MySQL to work for VSCode

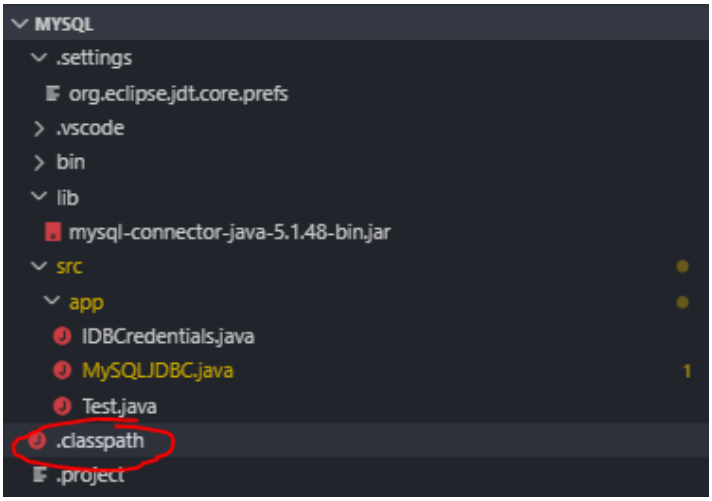
1. Install MySQL:
   - Ensure to remember your user and passwords
   - Download: https://dev.mysql.com/downloads/windows/installer/
   - Video: https://www.youtube.com/watch?v=WuBcTJnIuzo

2. Install JDBC:
   - Download: https://dev.mysql.com/downloads/connector/j/5.1.html
   - Video: https://www.youtube.com/watch?v=2i4t-SL1VsU

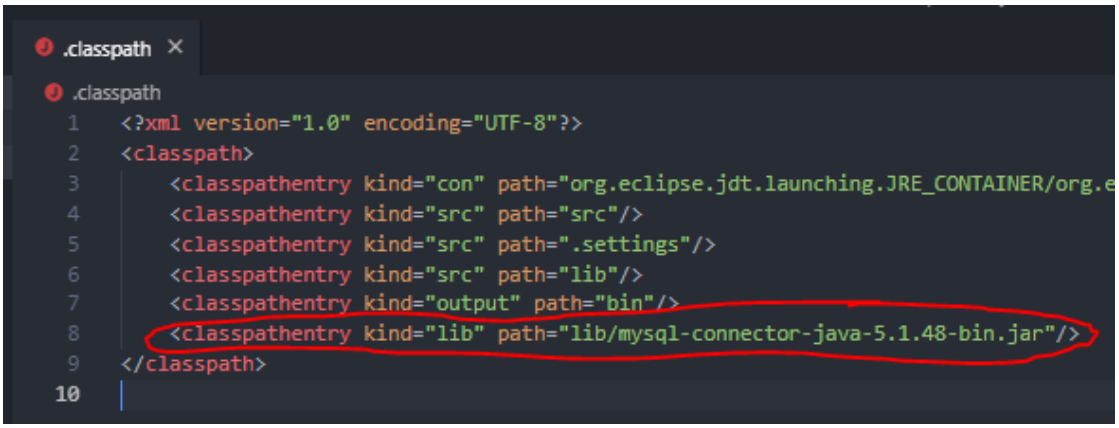
3. Create a "lib" folder in the Java project directory and paste the "mysql-connector-java-5.1.48-bin.jar" file from the JBDC download into it.



4. Add the "mysql-connector-java-5.1.29-bin.jar" file from the JDBC download into the Java project classpath.

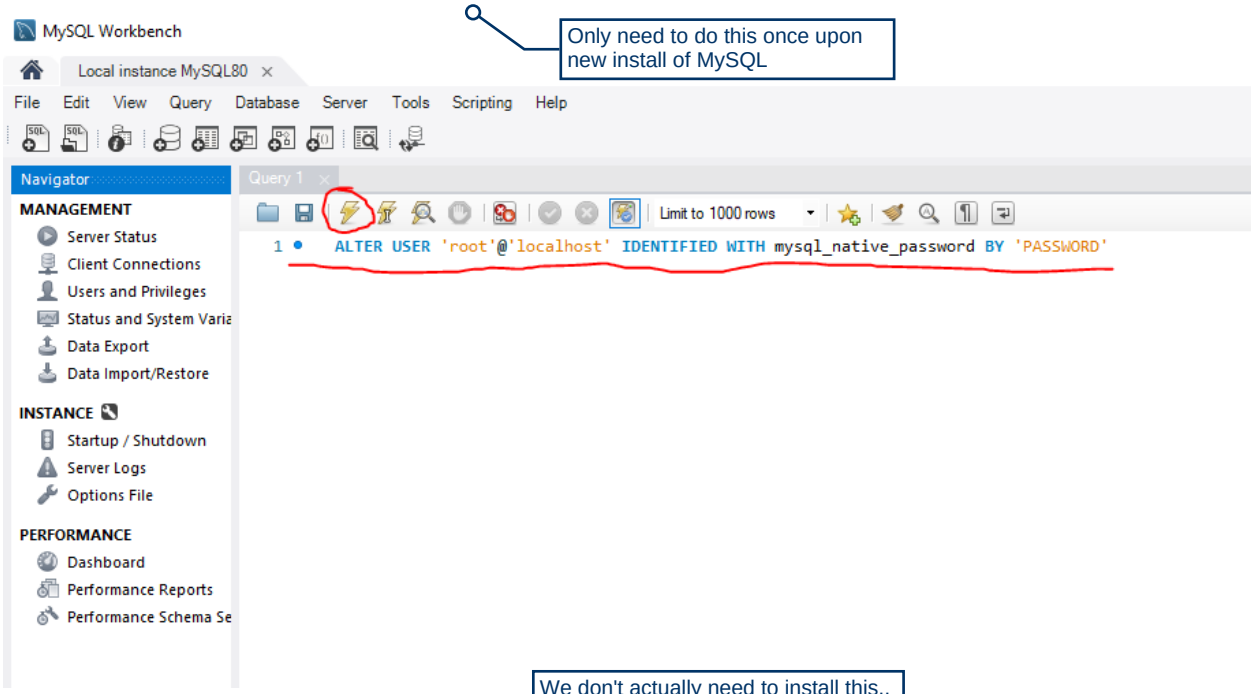


Before running code, make sure that the workspace cache is cleaned, or else this won't work



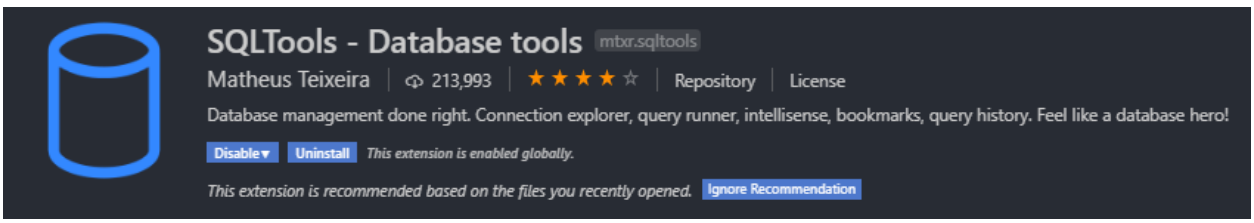
5. Open MySQL workbench and enter the query “ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'PASSWORD'”
   - Note that “PASSWORD” should be replaced by your personal MySQL password

Only need to do this once upon new install of MySQL

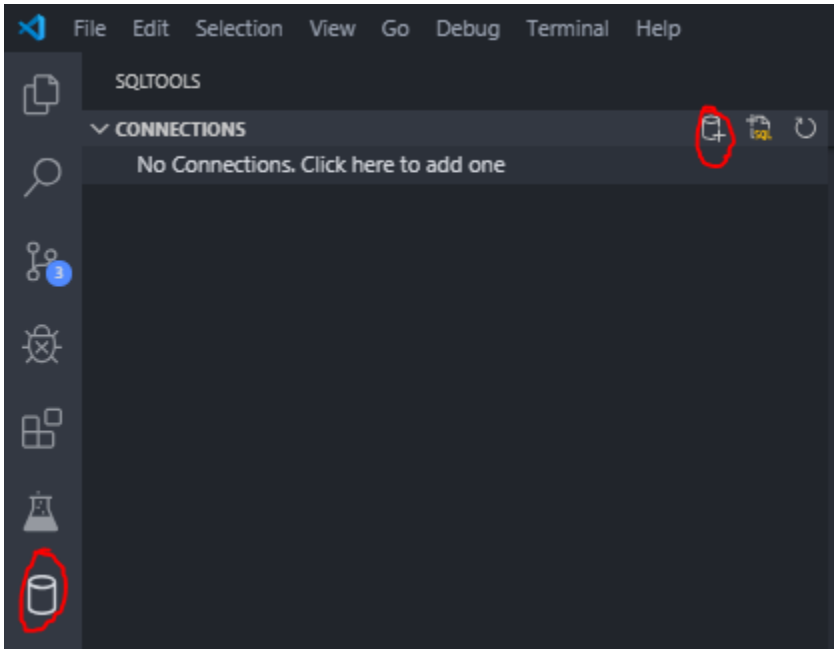


We don't actually need to install this.. It can be useful to view databases in VSCode, but isn't required

6. Test your connection by downloading the SQLTools VSCode extension

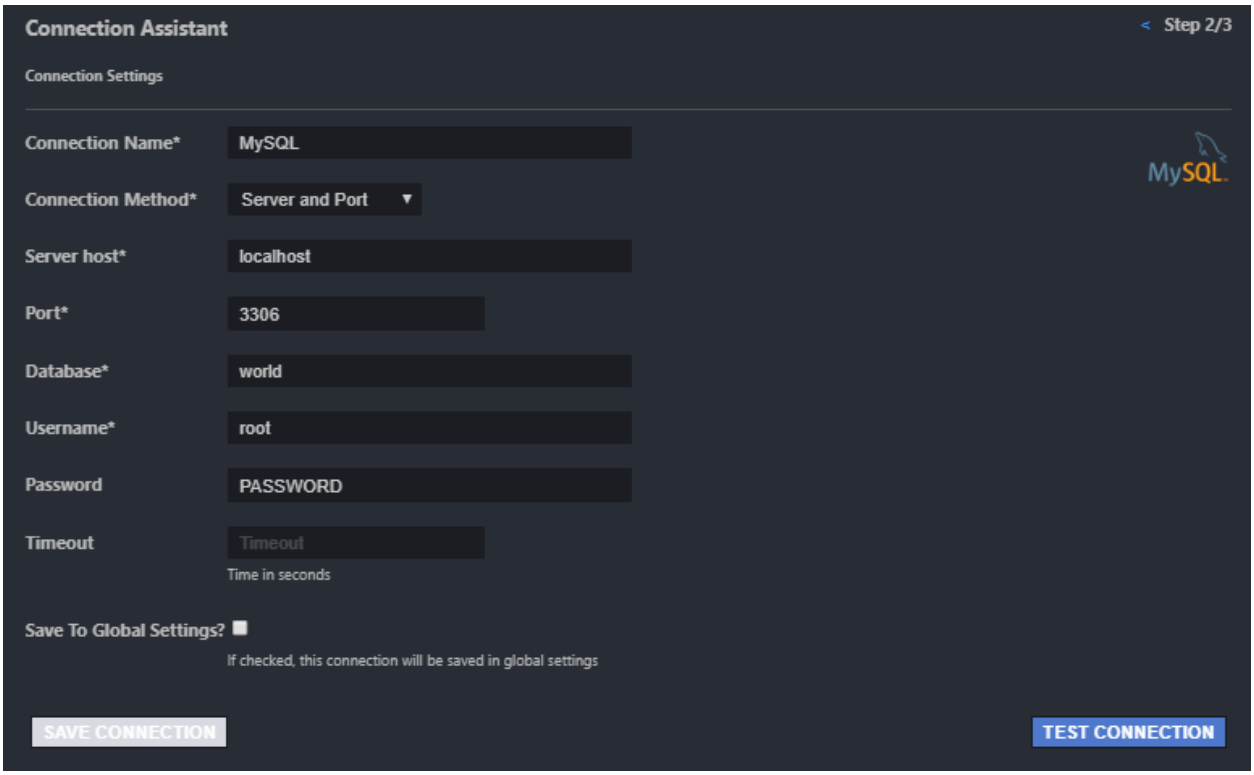


- Add new connection

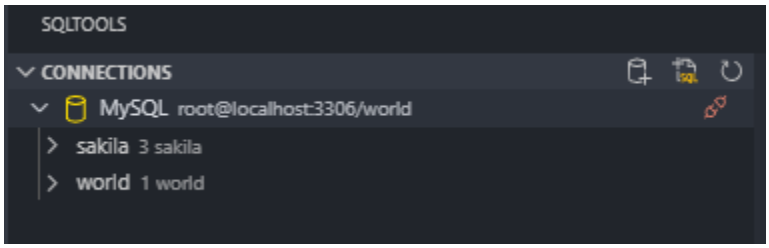


- Select MySQL

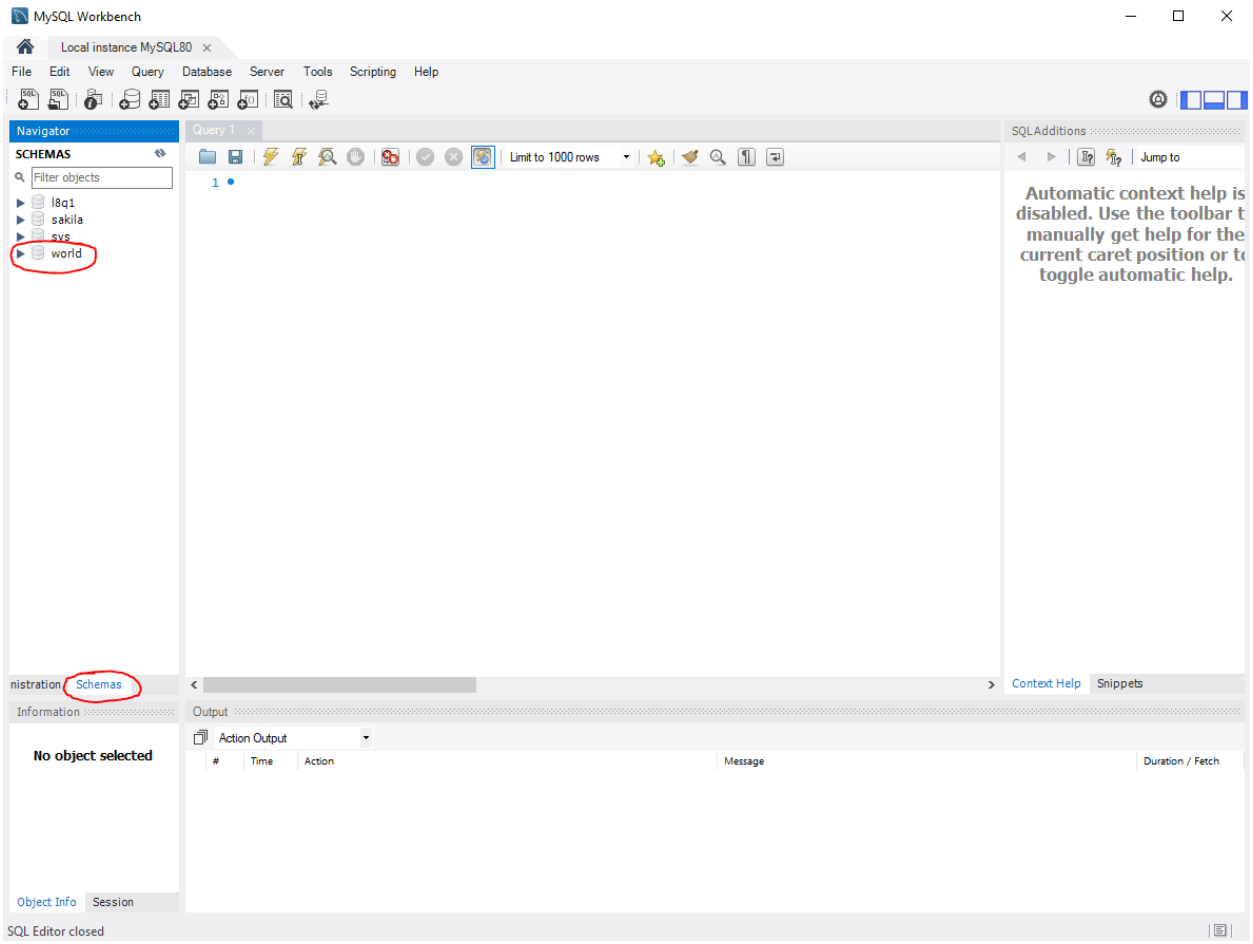
- Input credentials and press “Save Connection”
    - Connection Name can be anything
    - Database “world” is one of the pre-set databases that comes after downloading MySQL. You can see it using MySQL Workbench (See Appendix A)
    - Note that “PASSWORD” should be your personal MySQL password



7. If successful, you should see something like the following:



Appendix A


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
l8q1
sakila
sys
world
Query 1
Limit to 1000 rows
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
nistration Schemas
Context Help Snippets
Information
No object selected
Object Info Session
Output
Action Output
Time Action Message Duration / Fetch
SQL Editor closed