Using PuTTY

Additional Details regarding Using PuTTY and WinSCP to access your MySQL Installation with Greater Flexibility

**Steps to install PuTTY:**

* Download and install the PuTTY executable for your OS from [http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html (Links to an external site.)](http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html)
* Launch VirtualBox and start your Linux/MySQL virtual machine.
* Note the IP address assigned to the virtual machine.
* Launch PuTTY
* Enter your virtual machine's IP address in the "Host Name (or IP Address)" box in PuTTY
* Click "Open"
* (If you get a note about the server's host key, just click 'Yes' to add)
* You may now log into the server as if you were using the Web Shell.

**Using Putty**

* To copy information from the PuTTY shell, simply highlight it.  (That's right, all you need to do is highlight it, which may take some getting used to
* In MS Word or any other app in your host OS environment, paste as usual, with CTRL-V or the file menu, etc.
* To paste information into PuTTY, simply right-click inside the application's terminal window
* To capture all of the input and output of the session directly into a text file (very handy whey doing SQL homework!):
  + Before entering your IP address and launching the terminal, choose the "logging" tab on the left hand side, and then pick the "Printable Output" button and pick a name and location for the file that will be created by clicking the "browse" button.
  + When you complete your PuTTY SSH session, the text file you indicated will contain a log of everything that happened during the session.

WinSCP

WinSCP is available for download at [https://winscp.net/eng/index.php (Links to an external site.)](https://winscp.net/eng/index.php).

It allows you to transfer files between your host computer and your virtual MySQL installation using s simple drag-and-drop interface.  While it is not required in the course for you to do this, you may find it useful when sharing files between team members.  Feel free to check it out if you wish.