Part 2: Run SAS in X-Windows Mode on Mac OS X

1. Make sure you have installed XQuartz 2.7.6 on your computer

2. Launch XQuartz by following the steps below:
   a. Open the **Finder**.
   b. On the **Finder menu bar** click **GO**.
   c. Click **Utilities**.
   d. Double click the **XQuartz** icon.

   - or -

   a. Click the **Spotlight icon** in the upper-right corner of your screen (or press Command-Space bar).
   b. Type **XQuartz**.
   c. Click **XQuartz** to run the program.
3. On the XQuartz menu bar click **Applications – Terminal**.

4. On the **xterm** screen type:

   \[
   \text{ssh } -X \text{[Username]}@compute.temple.edu
   \]

   **NOTE:** `-X` command is case sensitive

   \[
   \text{Ex:}
   \]

   \[
   \text{ssh } -X \text{tua12345}@compute.temple.edu
   \]

   then press the return key and type your password.

   \[
   \text{bash-3.2} \# \text{ssh } -X \text{tua12345}@compute.temple.edu
   \]

   tua12345@compute.temple.edu's password: 

   **Note:** If the following message appears, type **yes** and press the return key:

   \[
   \text{The authenticity of host "compute.temple.edu can't be established.......Are you sure you want to continue connecting (Yes/no)?, then type yes and press the return key.}
   \]

5. At the terminal command screen you’ll need to first launch the system browser (Firefox) and then start sas. To do this, at the system command prompt type (commands are case sensitive):

   \[
   \text{firefox} & \text{ and press the return key.}
   \]

   \[
   \text{sas –helpbrowser SAS and press the return key.}
   \]

   SAS will start and you should now be able to open SAS’s Help & Documentation pages. Now in order to avoid any connection errors you should include the following in your SAS program:

   \[
   \text{options helpbrowser=sas;}
   \]