Appendix A

Installation of Cygwin:

Download Cygwin setup from http://cygwin.com/install.html. You have to install "gcc" and "gdb" for compilation and error detection in code.
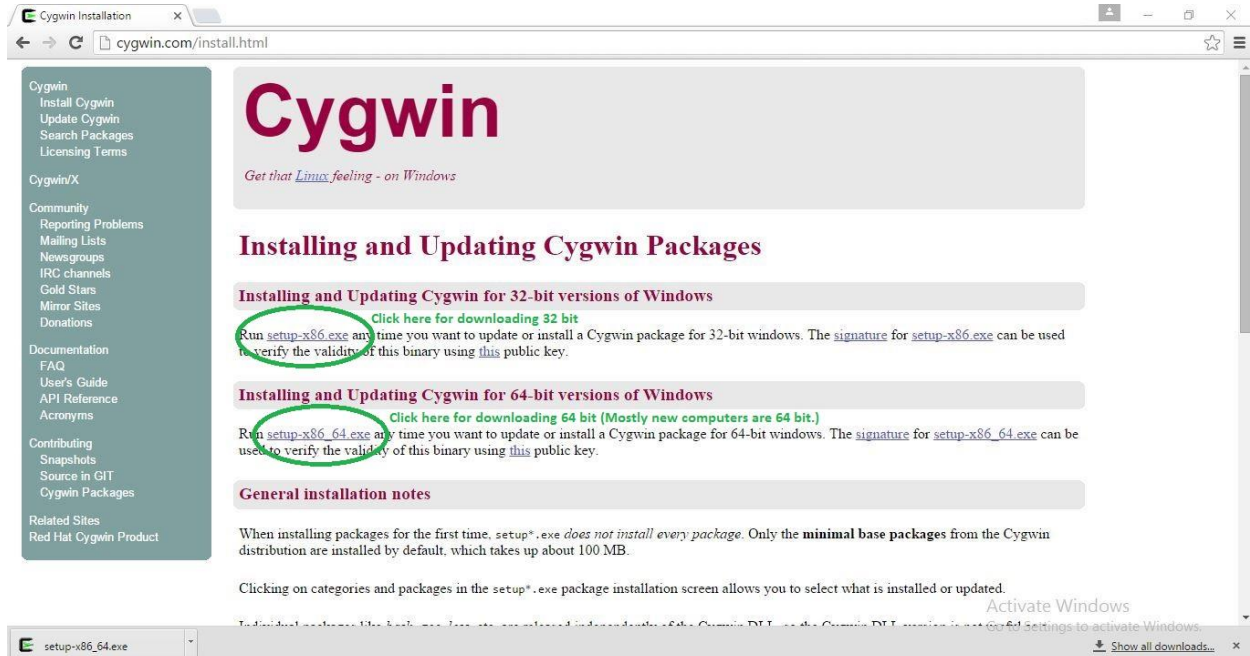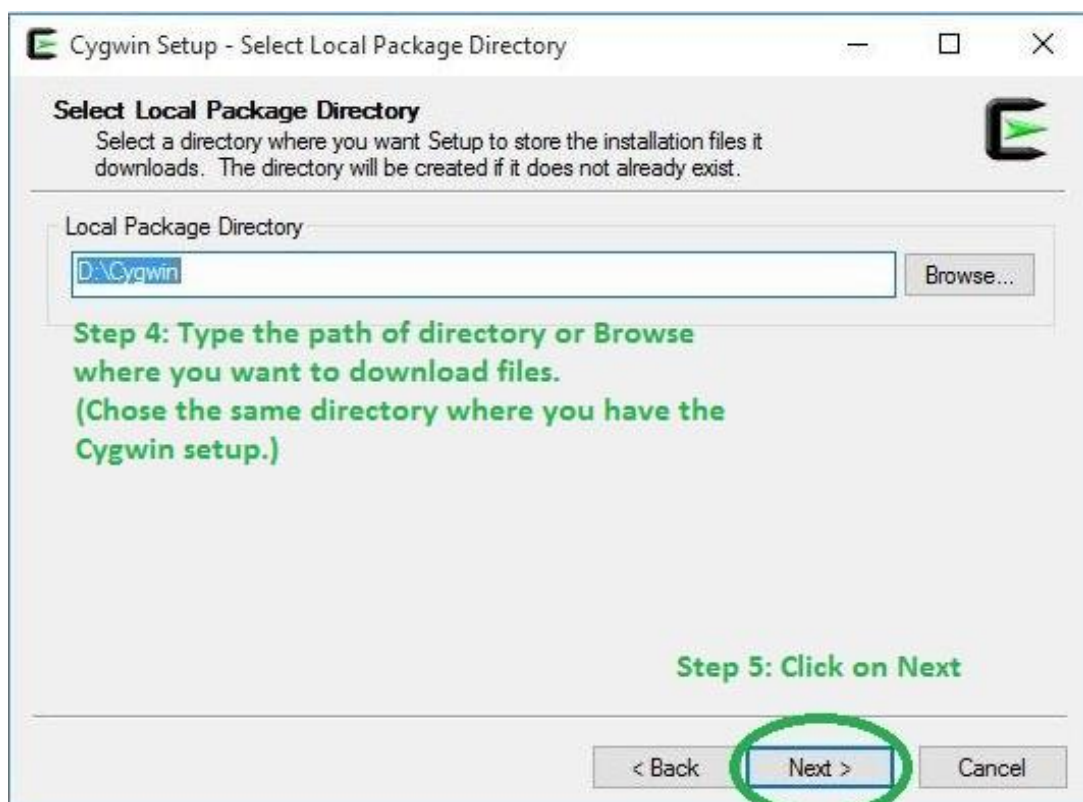

After Downloading setup Run it and click on Next.

There will be 3 options. First option will both download and install. We will first download the required files by choosing second option and afterwards install by choosing third option.
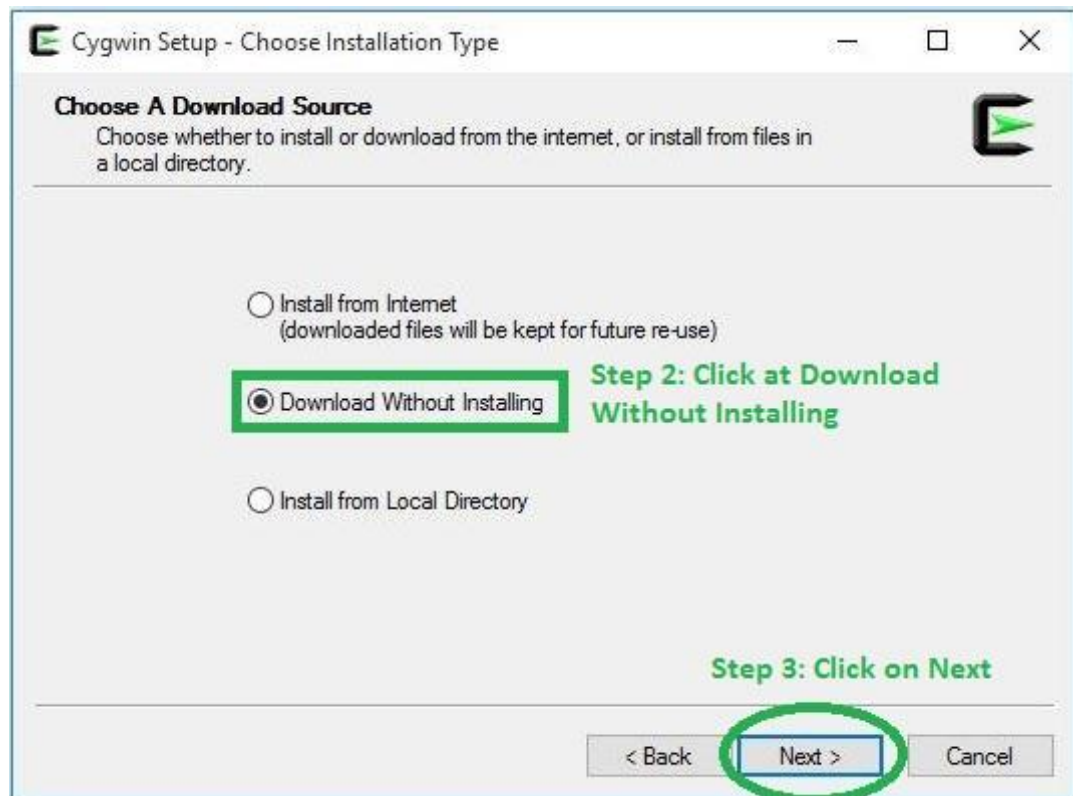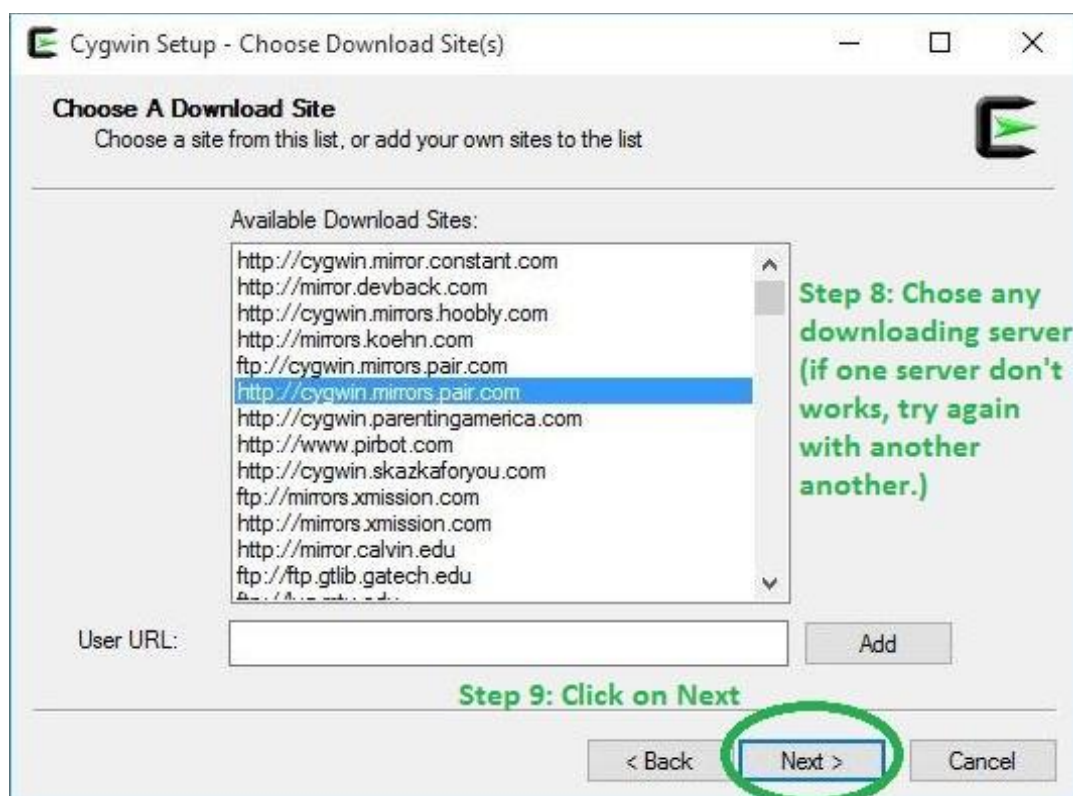

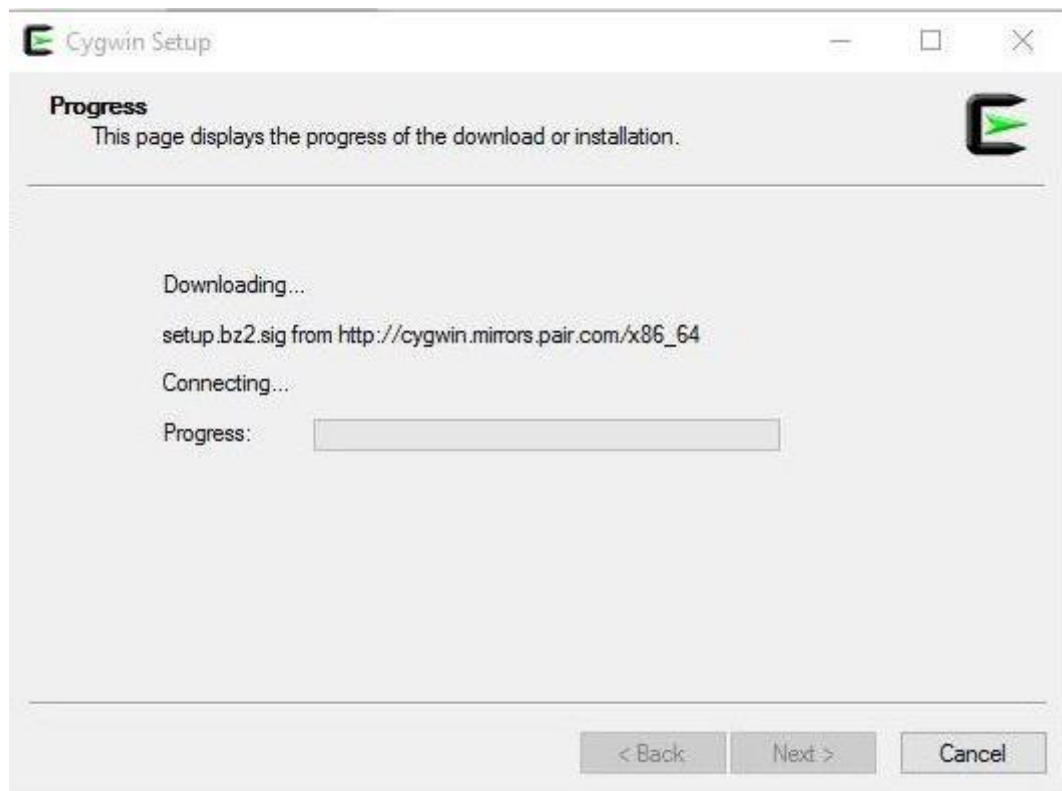Select the directory where you want to download the files.

Chose the type of internet connection you have. In home, direction will work. If you need proxy for access to internt chose second option.
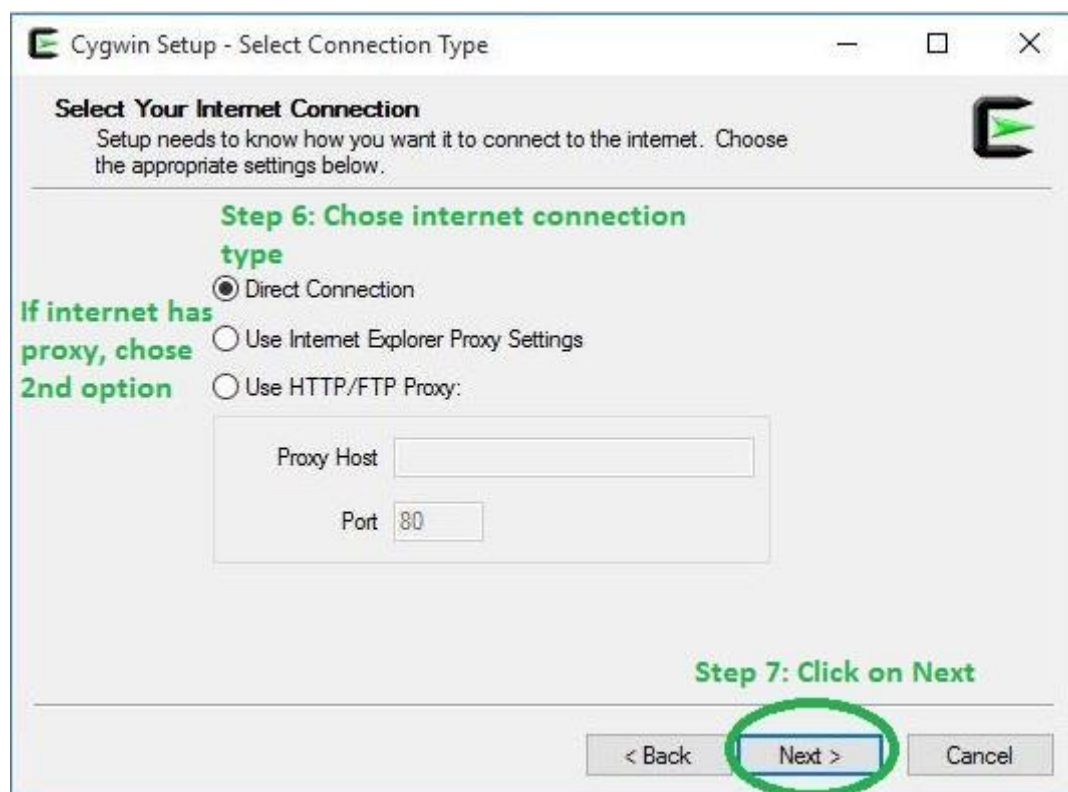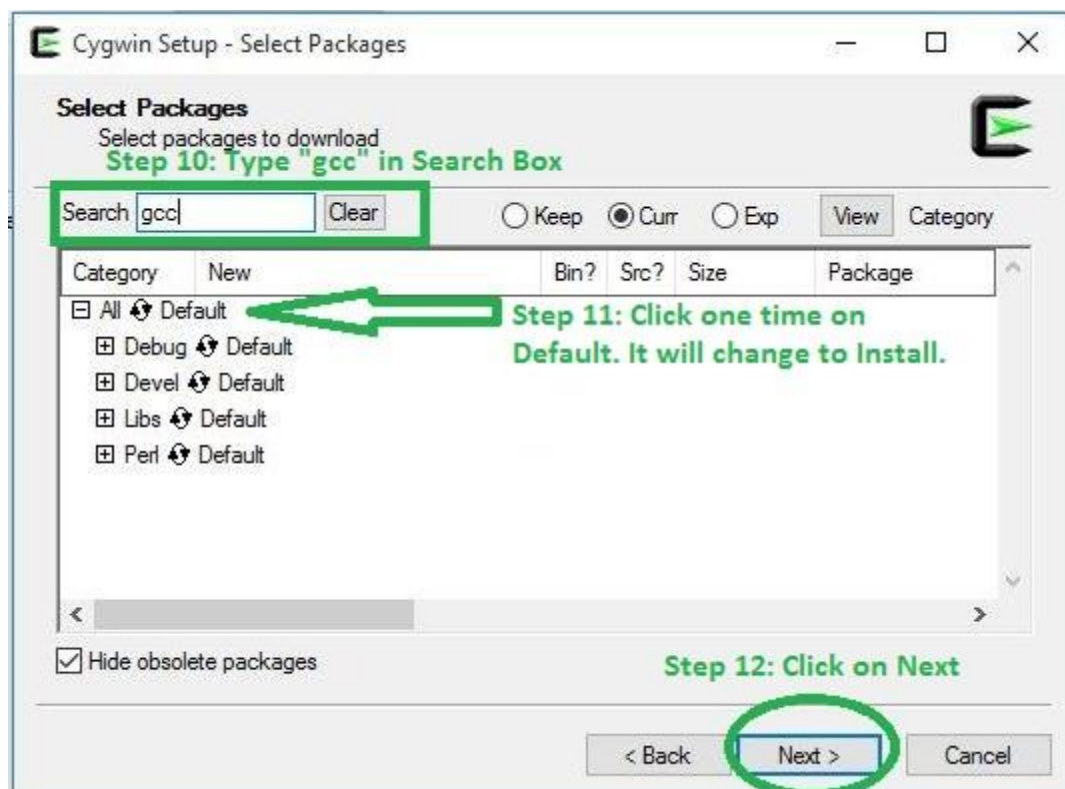

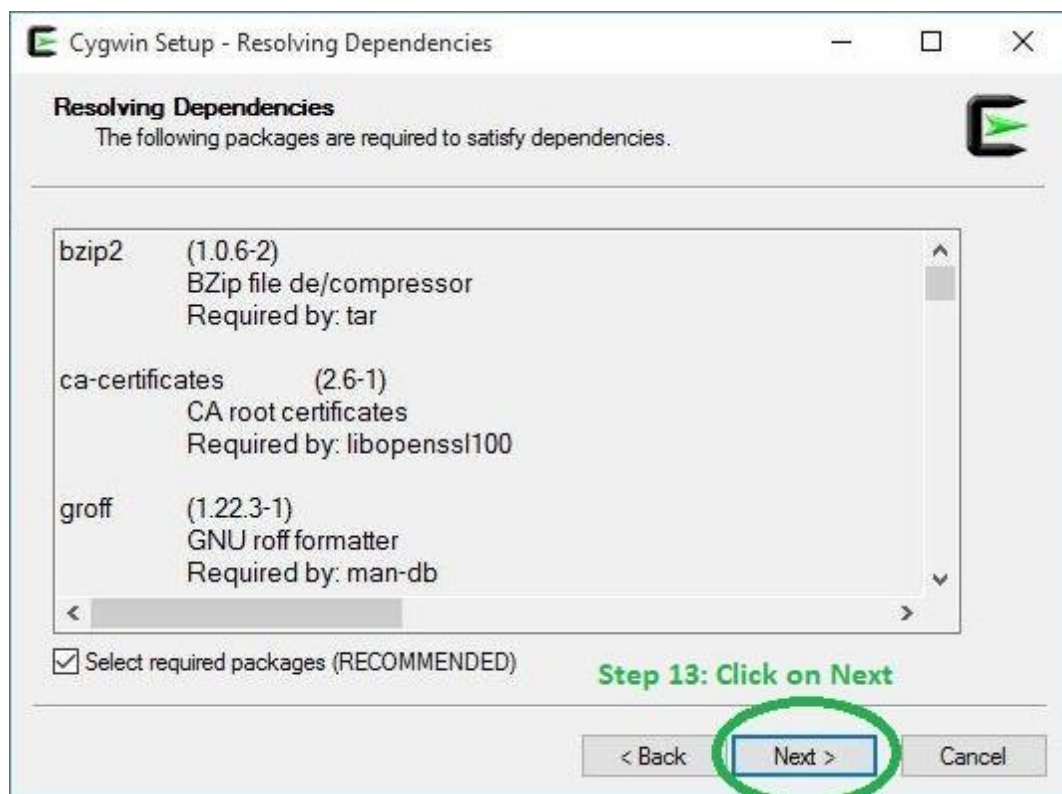Select the server from which you want to download files for installation.

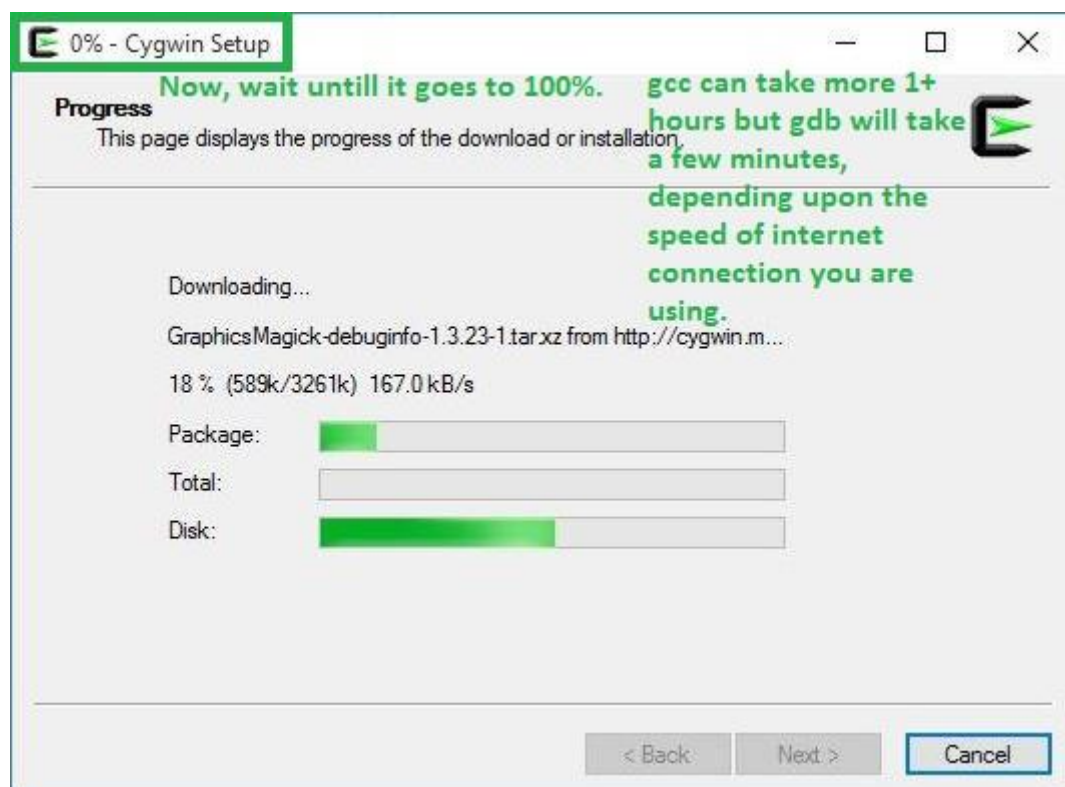The following window will appear for a while. Let it come and pass.

In the next window, type "gcc" in search box and click on Default one time to change it to Install. Click next.
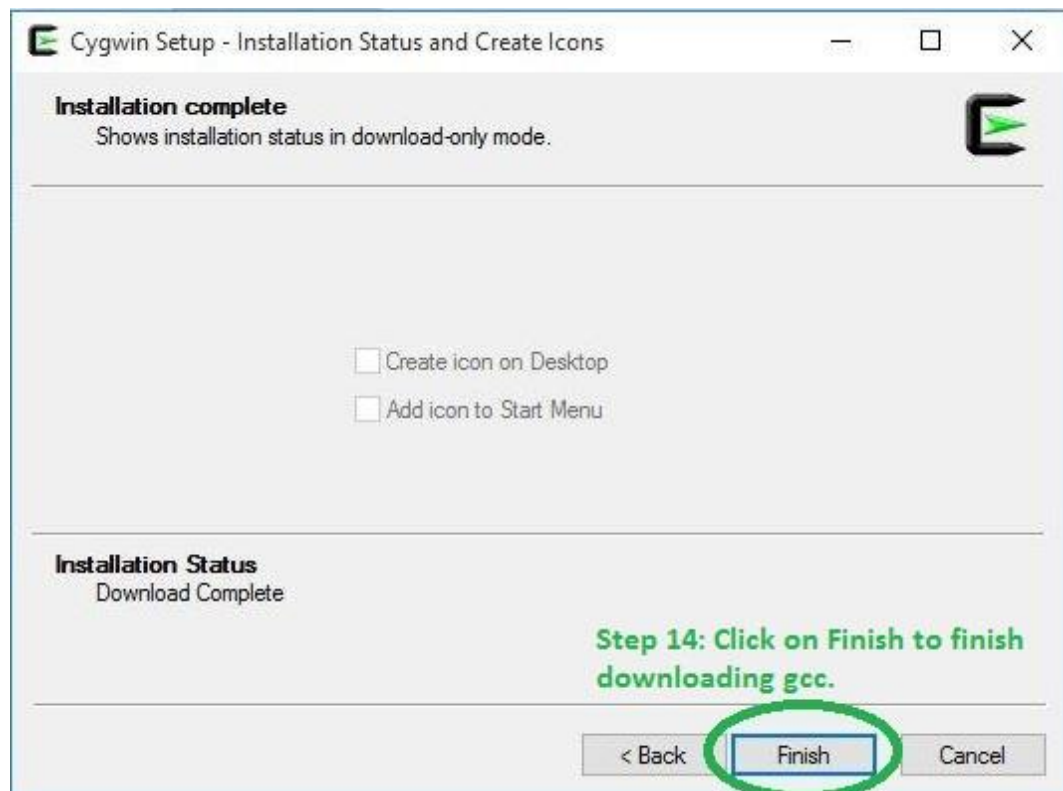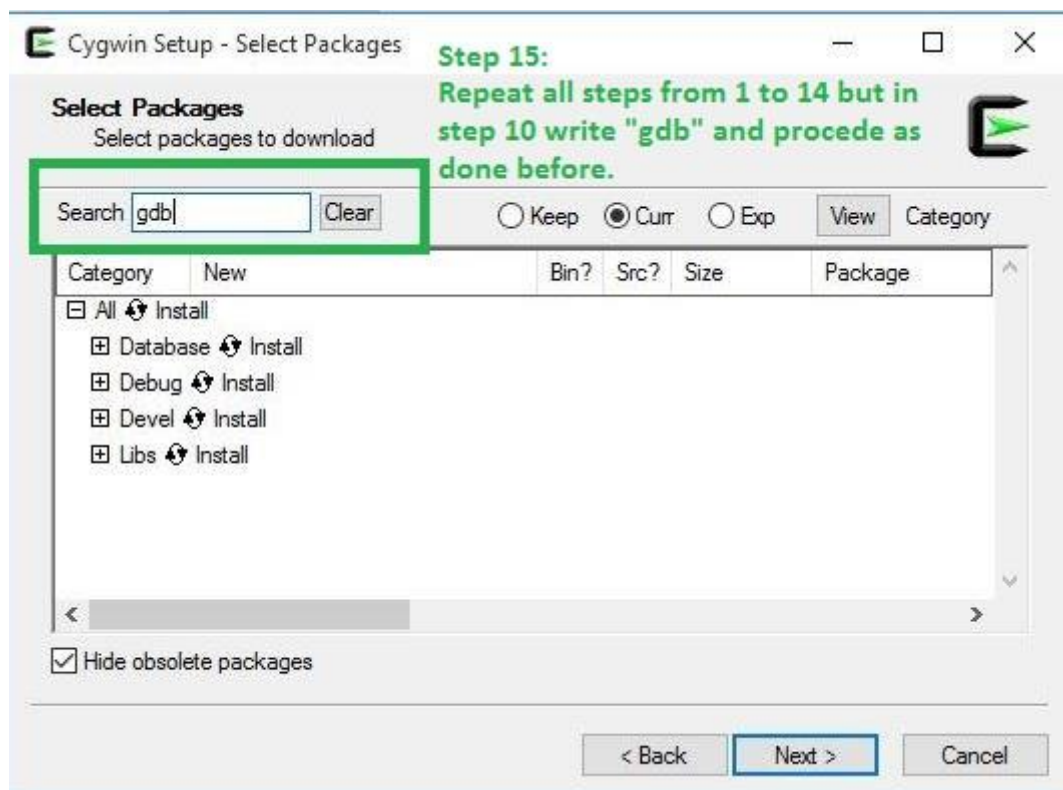
Click on next.

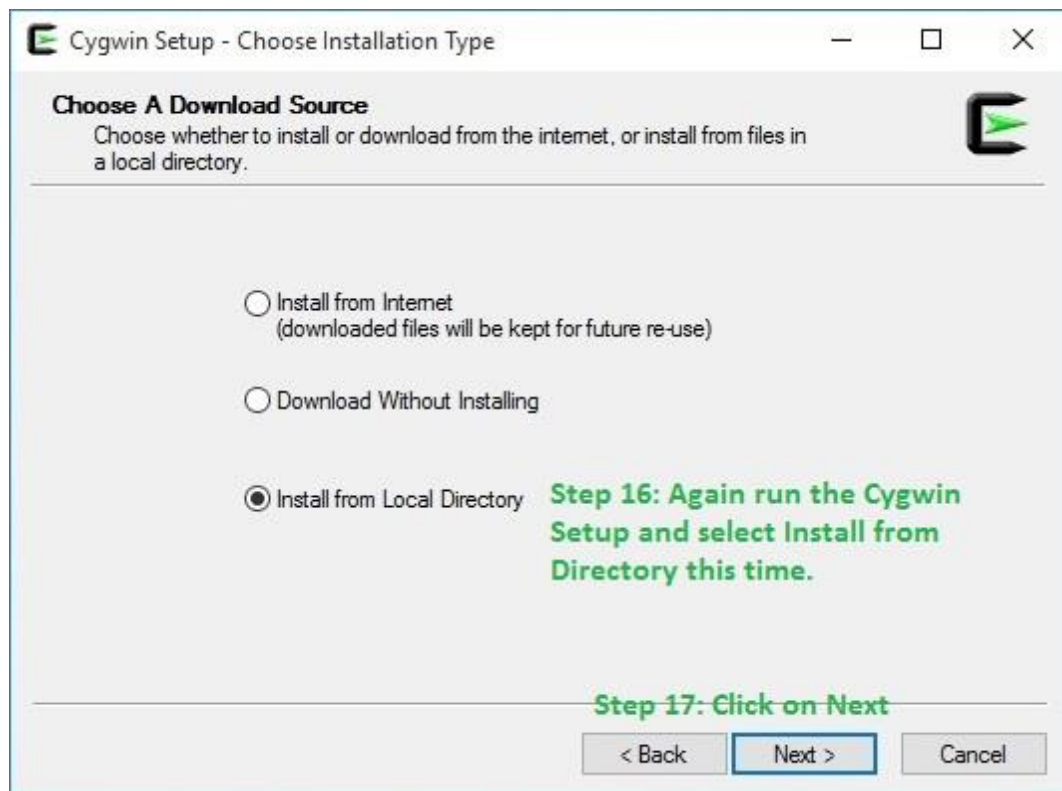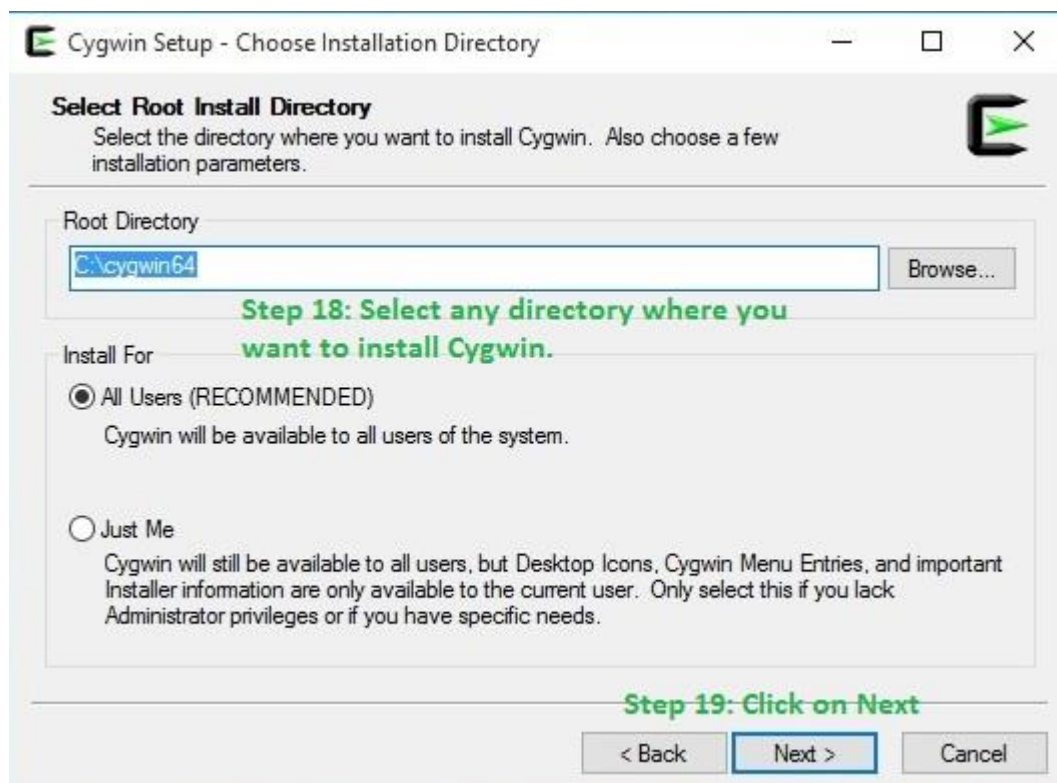Now the downloading will start. Wait for it to download completely.

Click on finish.

Repeat all the procedure but in step 10 search "gdb" in search box and proceed.
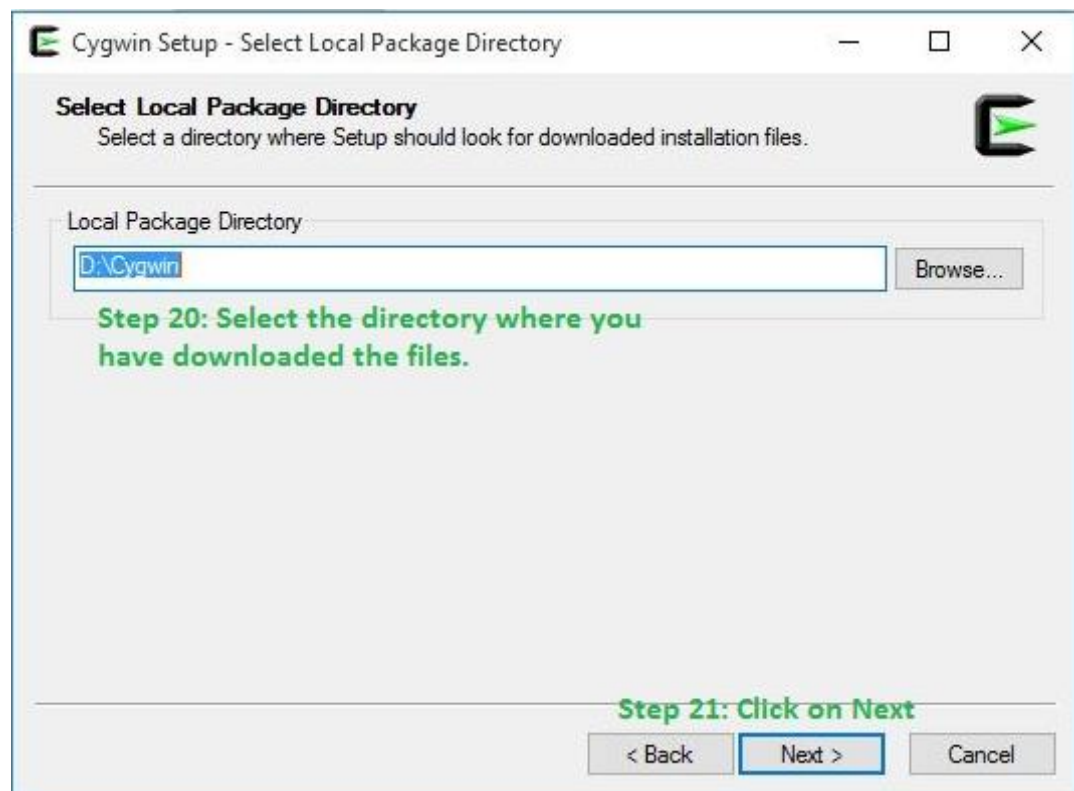
Now we will install the downloaded files. Run the Cygwin and click on Next. Select the third option Install from Local Directory.
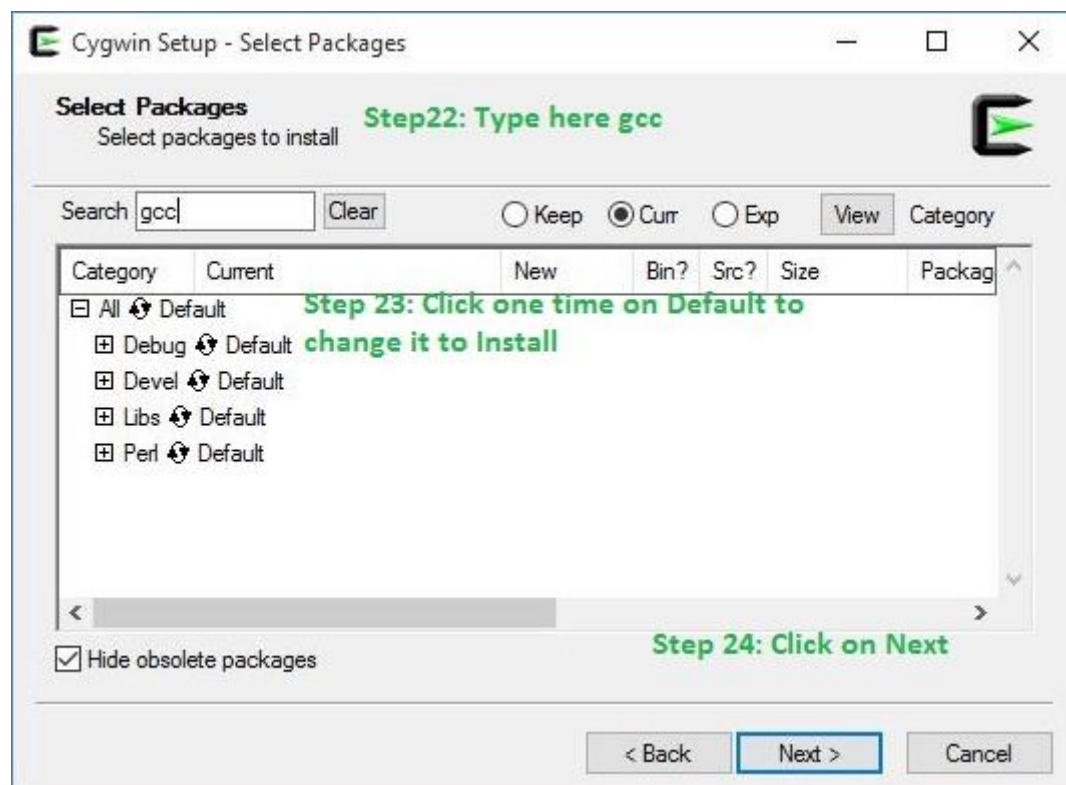

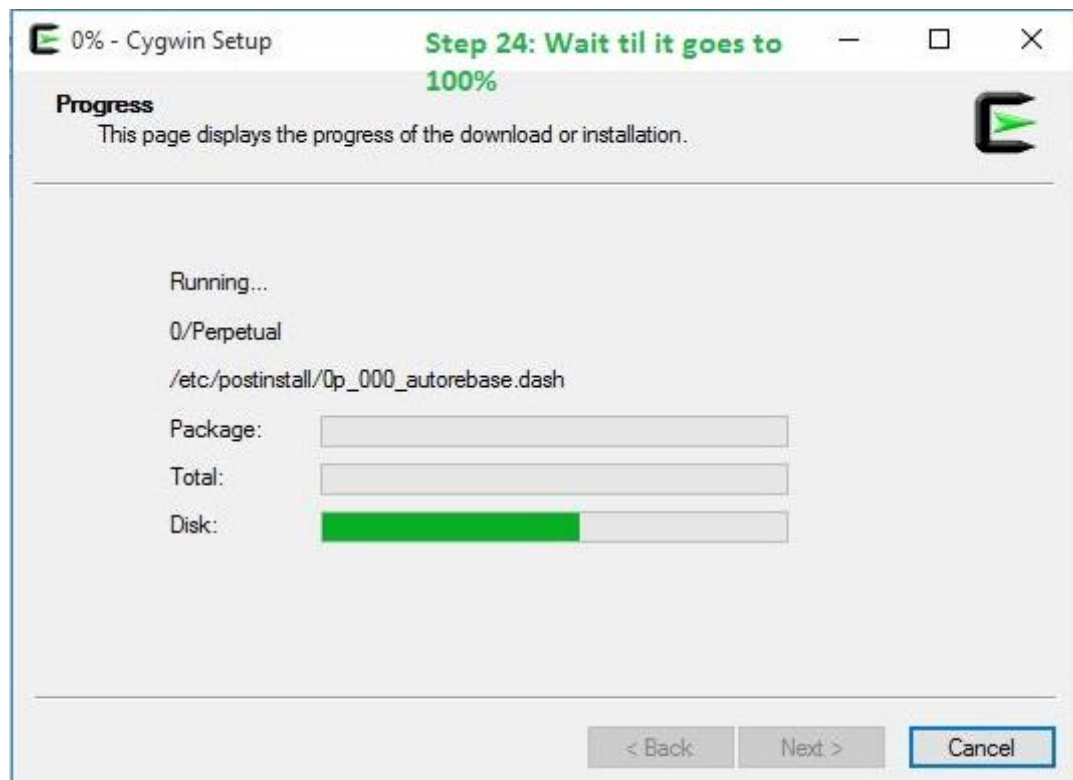Select the directory where you want to install the Cygwin.

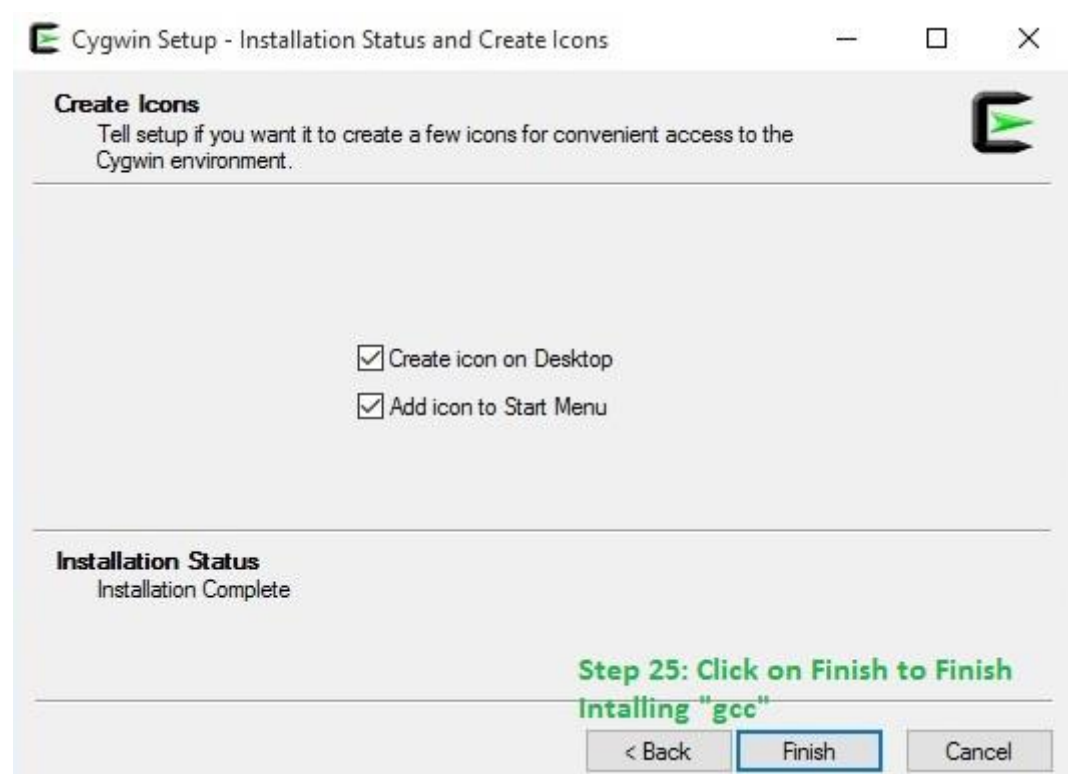Browse for the directory where you have downloaded the files.

Type "gcc" in search box and click on default one time to change it to install. Click on next.
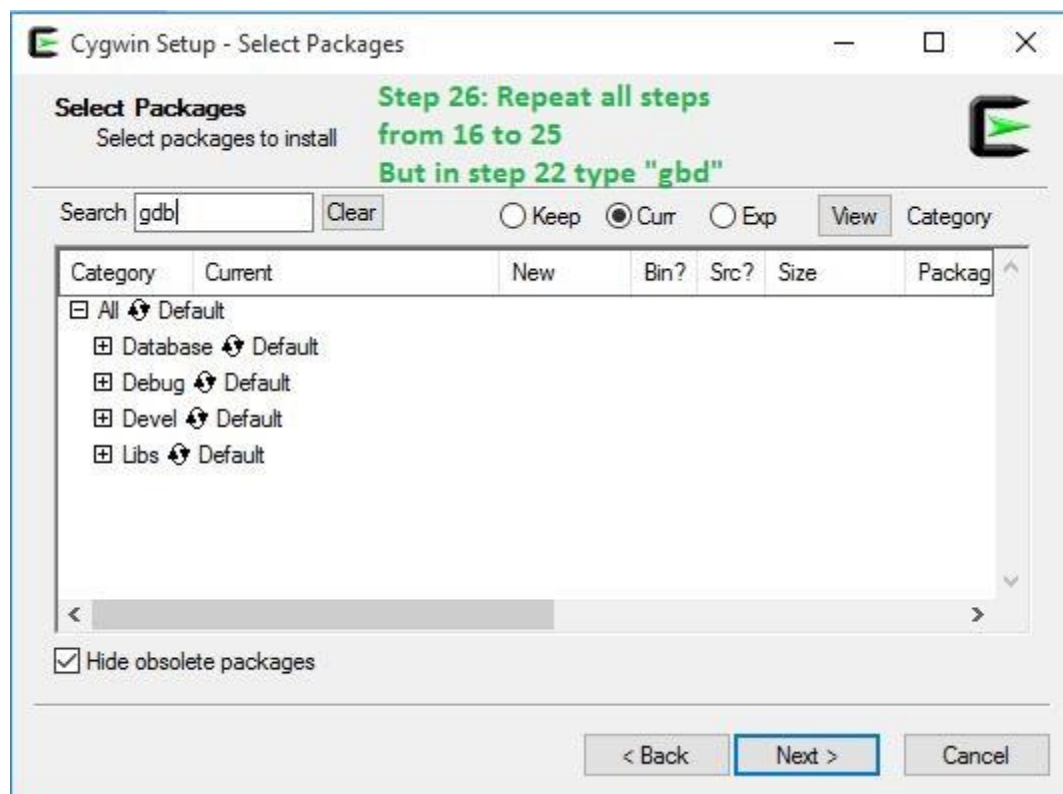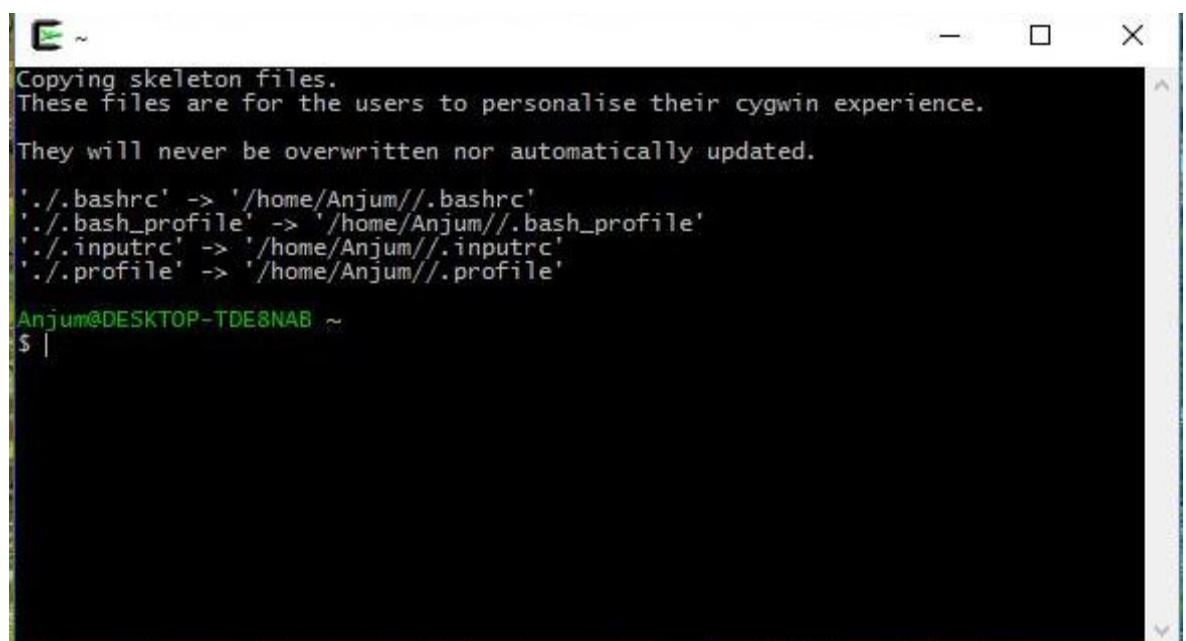
Wait for the installation to complete.

Click on finish to finish installing "gcc".

Repeat steps from 16 to 25 and type "gbd" in search box. Install it and click on next.

Go to Desktop and run the application named "Cygwin64 Terminal" or "Cygwin32 Terminal"

This completes the installation of Cygwin tools.