Coursework 4 – Supporting Notes

Download **puttytel.exe** (or an equivalent Telnet client) – PuTYY can be downloaded here.

Download MinGW (read & follow https://sourceforge.net/projects/mingw/) – *applicable to Windows and Mac Users*

Applicable to Windows Users ONLY

1. Compile Server.c by the following commands

- Run "**cmd**" from the "Start Menu" → should get a "Command Lind" window.
- Change directory to where the Server.c resides;
    - > **cd** *[Put the path and name of the folder containing Server.c]*
- From start Menu, search for the MingGW library (if you don't already know where was it installed)
- In the "Command Window" → set the path as follows:
    - > **set path**=%path%;C:\MinGW\bin
    - {This assumes your MinGW is installed under C:\MinGW}
- In the "Command Window" → Compile the Server.c, as follows:
    - > **gcc Server.c** –o server –lws2_32

2. Running & testing the server

- In one window, execute the "server" (EXE resulting from the compilation above)
- Run puttytel (or any Telnet client).
    - Settings: Set
        - **Telnet option**, in puttytel, to Passive,
        - **Host Name** to localhost or 127.0.0.1 and
        - **Port** to 8989 and

        Explanations of parameters:

        - localhost or 127.0.0.1 is the IP loopback address and
        - 8989 is the port number of the server.