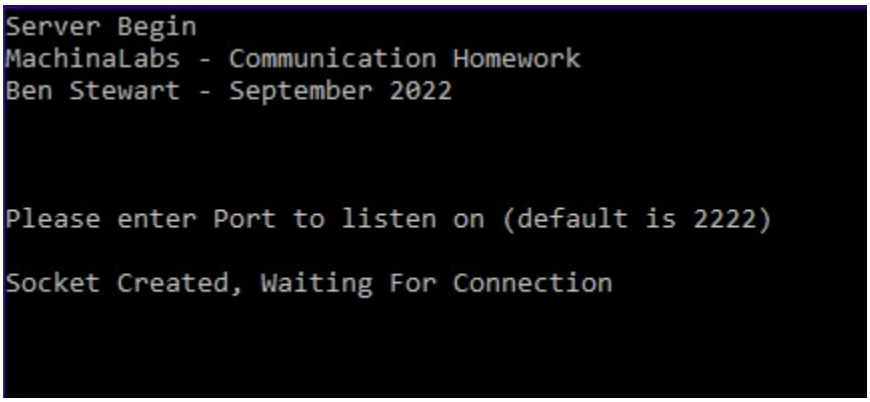
First – go into Server/bin/debug/net6.0 and find the exe file.

Run the server as administrator.

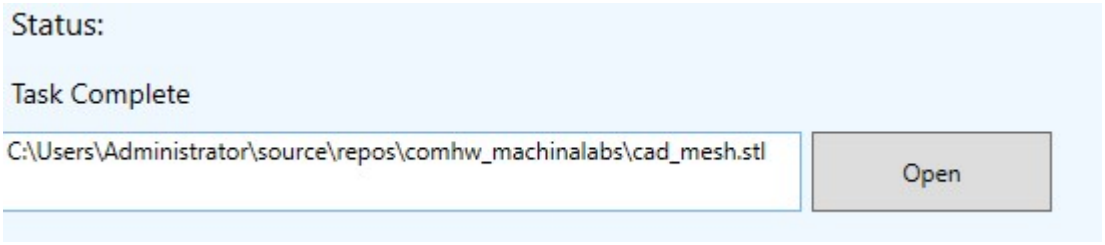
A message will pop up. Ignore the option to put in a port number – this was more to show that I know how to do it.



Hit Enter and the socket will initialize and wait for a connection from the client.

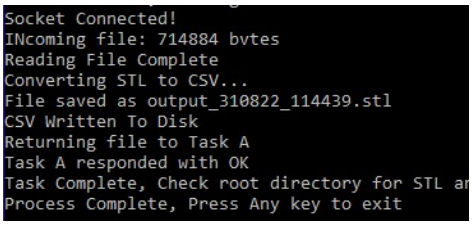
Go into Client/bin/debug/net6.0 and run the exe file.

Click Open and navigate to the file in question.



Once the file has been selected, click Process.

Messages will begin to appear on the Server.



The process is completely automated from that point forward – check the root directories by Server.exe for the CSV and STL outputs.

Some thoughts on what I would do differently for a production level piece of software that I had a few weeks to work on -

- ➔ I would make sure that you can a) set the port and IP numbers and b) change where to save the output files.
- ➔ The display is pretty slow, I would clean up the HMI code - the threading sucks and I would take some time to properly make sure that onscreen elements are updating properly.
- ➔ If something dies, or things are done in the wrong order, the entire process crashes and the program has to be restarted to work properly. I would put an absurd amount of effort into self righting.

Let me know if you have questions.