FENICS INSTALLATION ON WINDOWS-

1. Download ubuntu18.04 LTS from windows store.

2. Open powershell as administrator and run following command-

"Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux"

Or go to the following link and follow instructions-

https://docs.microsoft.com/en-us/windows/wsl/install-win10

- 3. Run ubuntu and set username and password.
- Open following link. <u>https://fenicsproject.org/download/</u> See fenics for windows and paste the 1st code press enter and same for all 4 codes sequencely. OR

"sudo apt-get install software-properties-common" enter "sudo add-apt-repository ppa:fenics-packages/fenics" enter "sudo apt-get update" enter "sudo apt-get install --no-install-recommends fenics" enter

- 5. Install spyder3 by using code-"sudo apt install spyder3"
- 6. Download and install xming from following <u>https://sourceforge.net/projects/xming/</u>
- 7. Use following codes.
 - export DISPLAY=:0 press enter

Spyder3 press enter

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