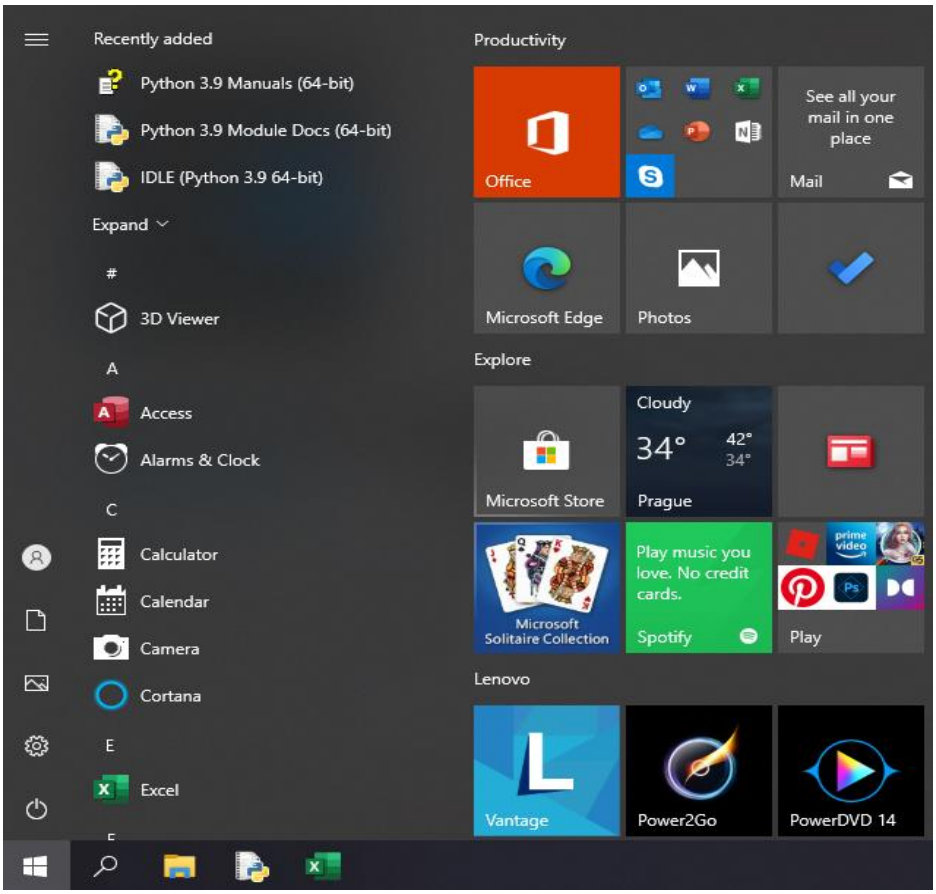
PLC Logger manual

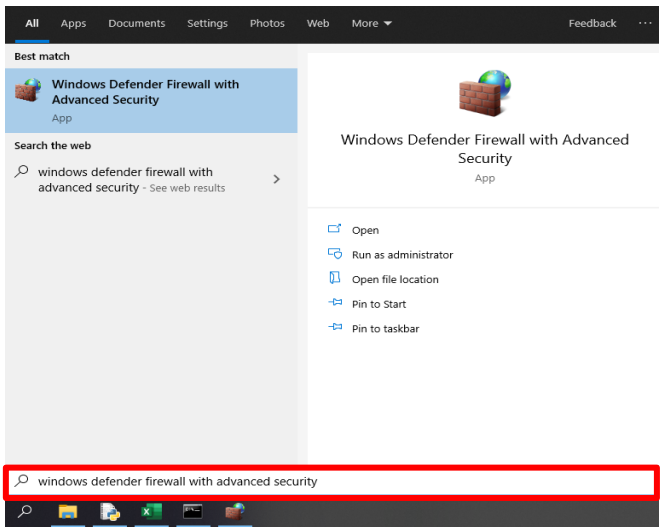
If your PC was restarted => Go to section "B) Starting the PLC Logger"
and do steps: 1 => 2 => 3 => 4 => 5

A) How to setup the Firewall for PLC Logger

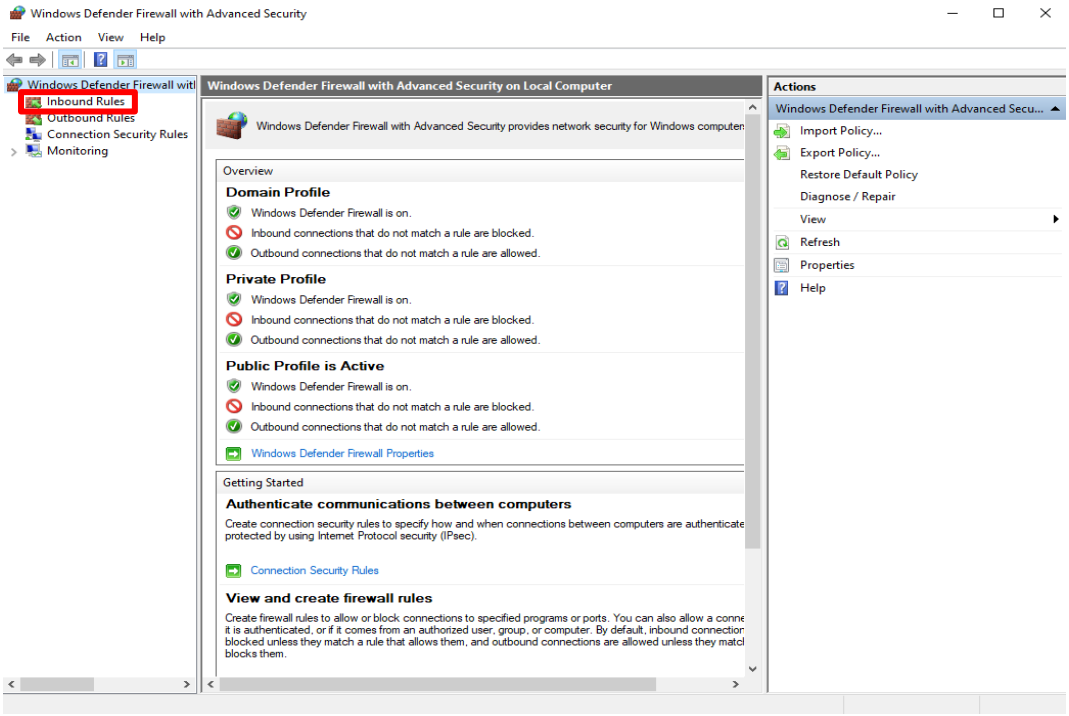
1. Press "windows key" to open the search box



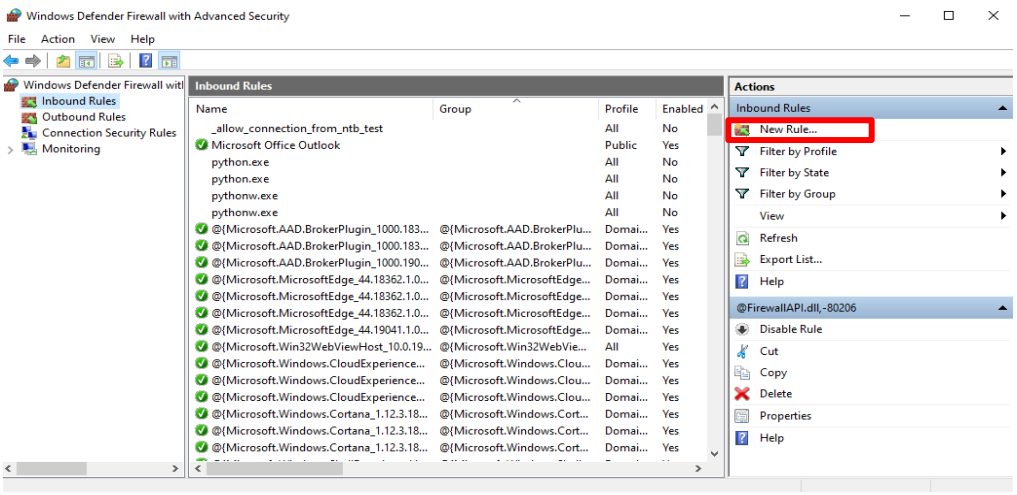
2. Type "Windows Defender Firewall with Advanced Security"



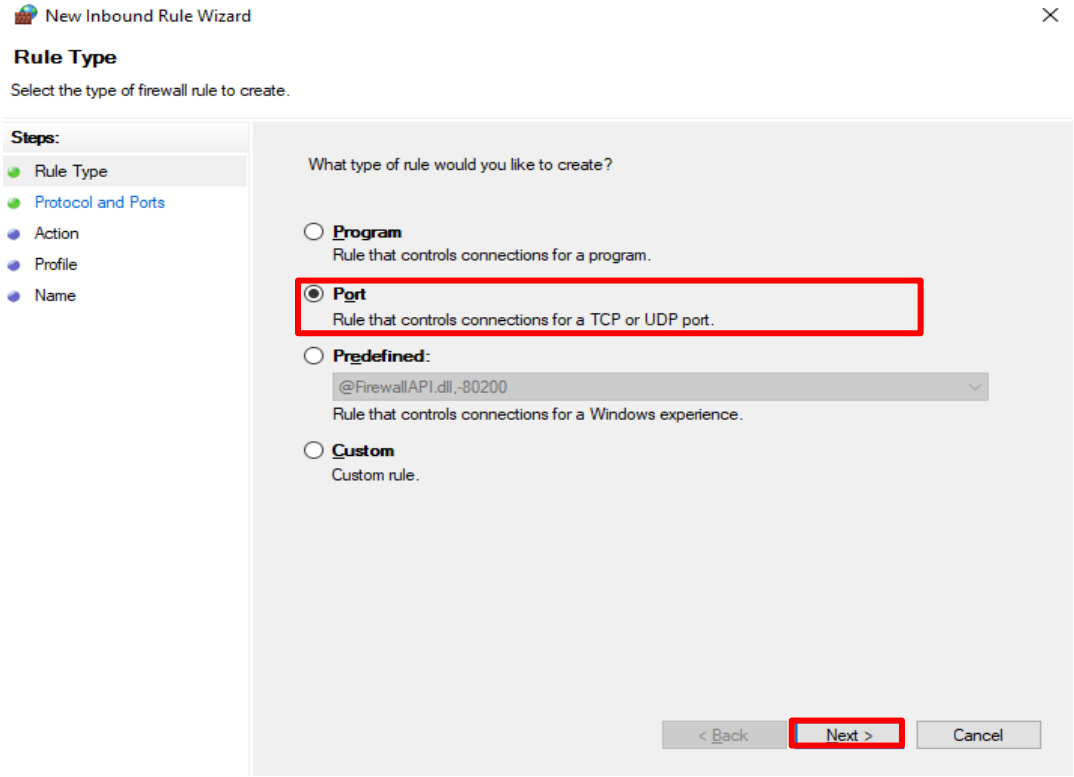
3. Press "ENTER" to open Windows Defender Firewall with Advanved Security
4. Click to "Inbound Rules"



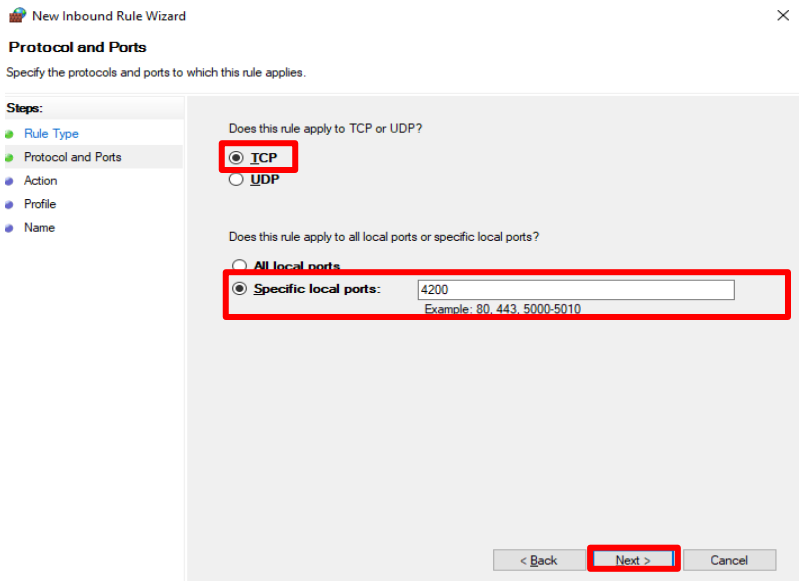
5. Click to "New Rule..."



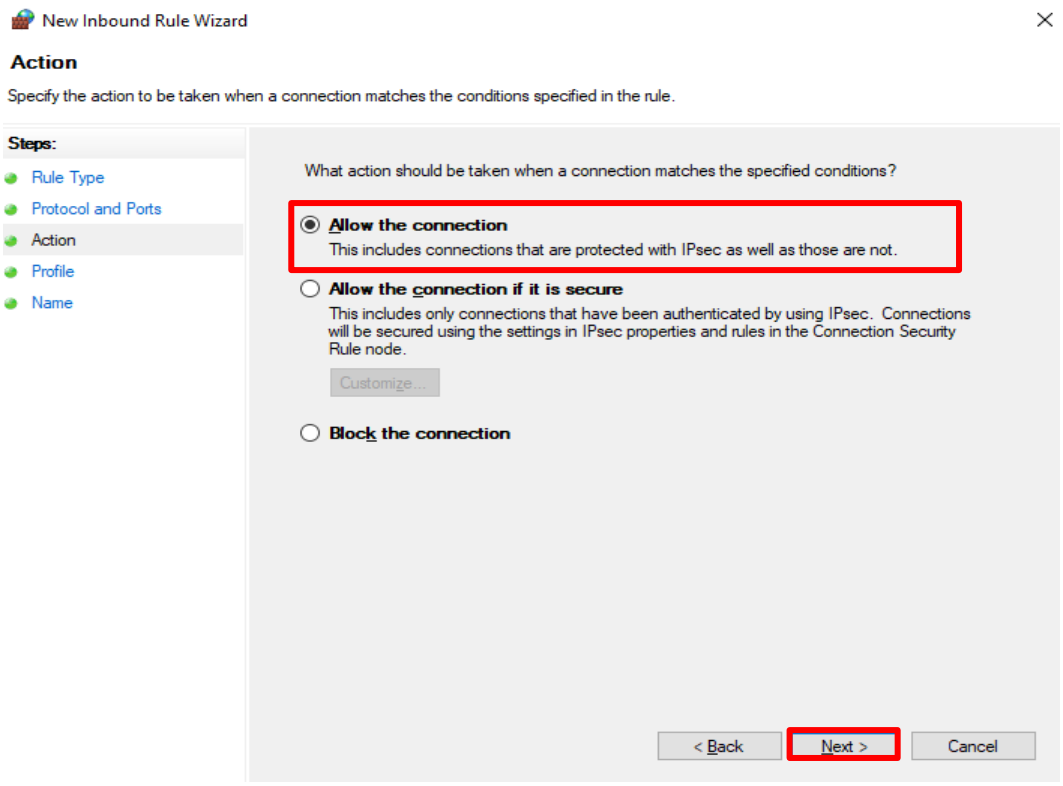
6. New Inbound Rule Wizard will open
7. Click to "Port"
8. Click to "Next >"



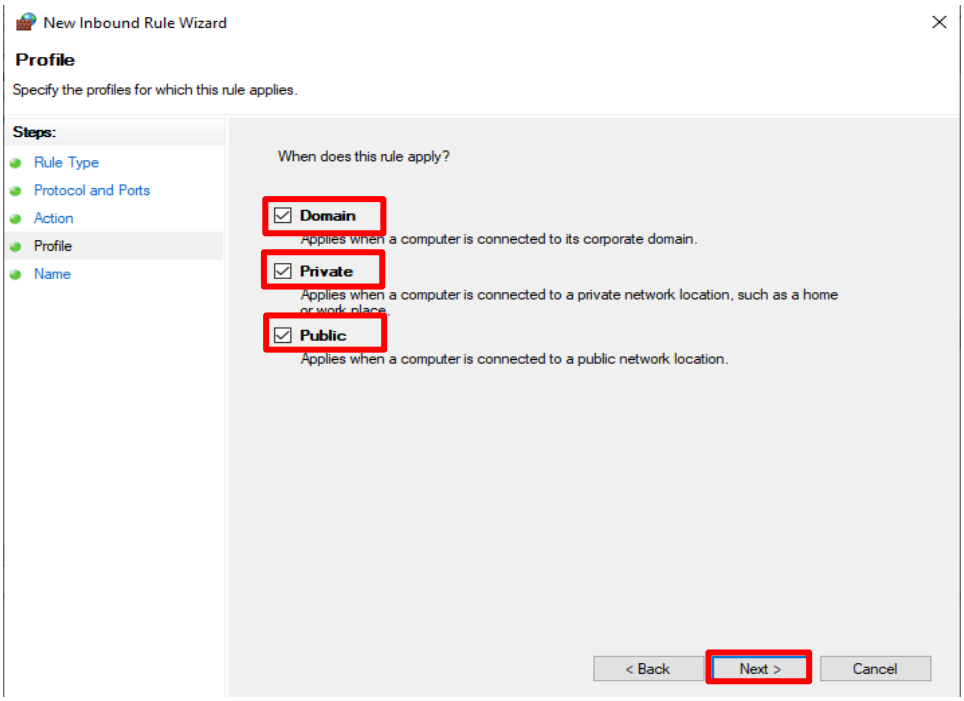
9. Click to "TCP"
10. Click to "Specific local ports:"
11. Type "4200"
(if the server listens on different port, write that port number in the box)
12. Click to "Next >"



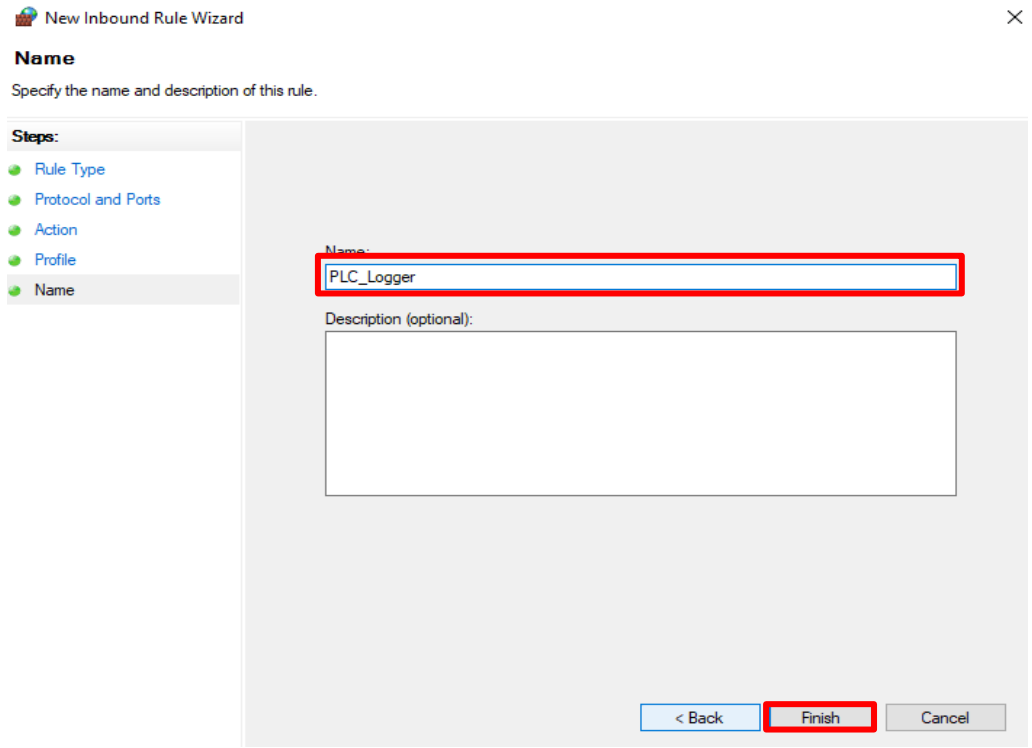
13. Click to "Allow the connection"
14. Click to "Next >"



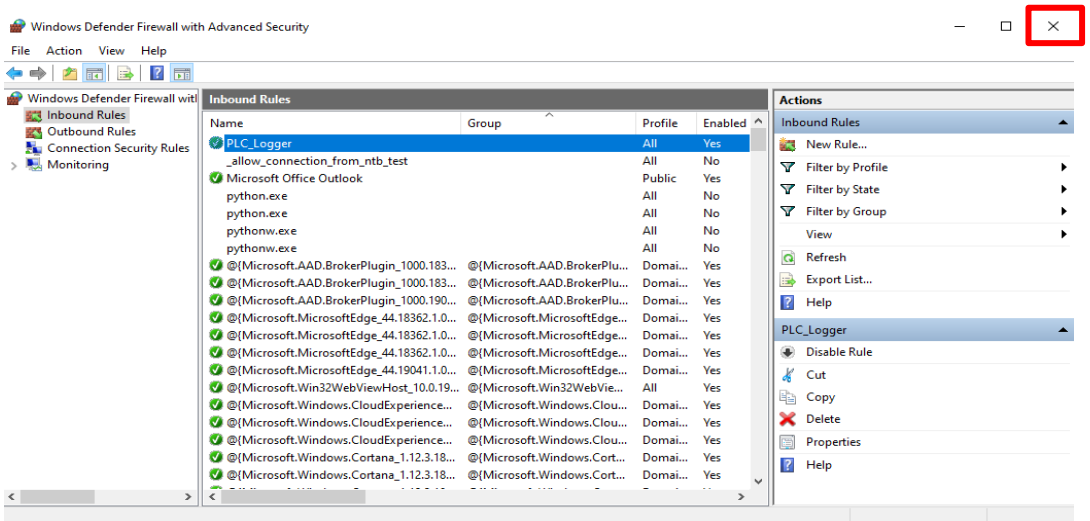
15. All boxes should be checked
16. Click to "Next >"



17. Write "PLC_Logger" in the "Name:" box
18. Click to "Finish"

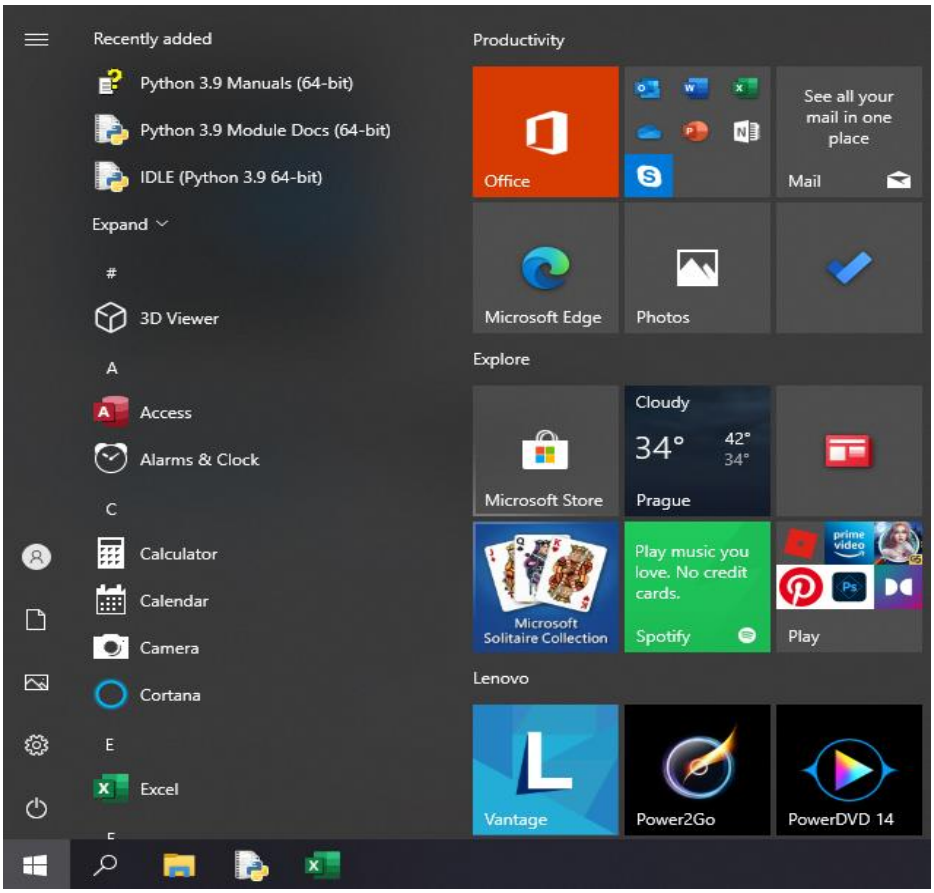


19. Close Windows Defender Firewall with Advanved Security

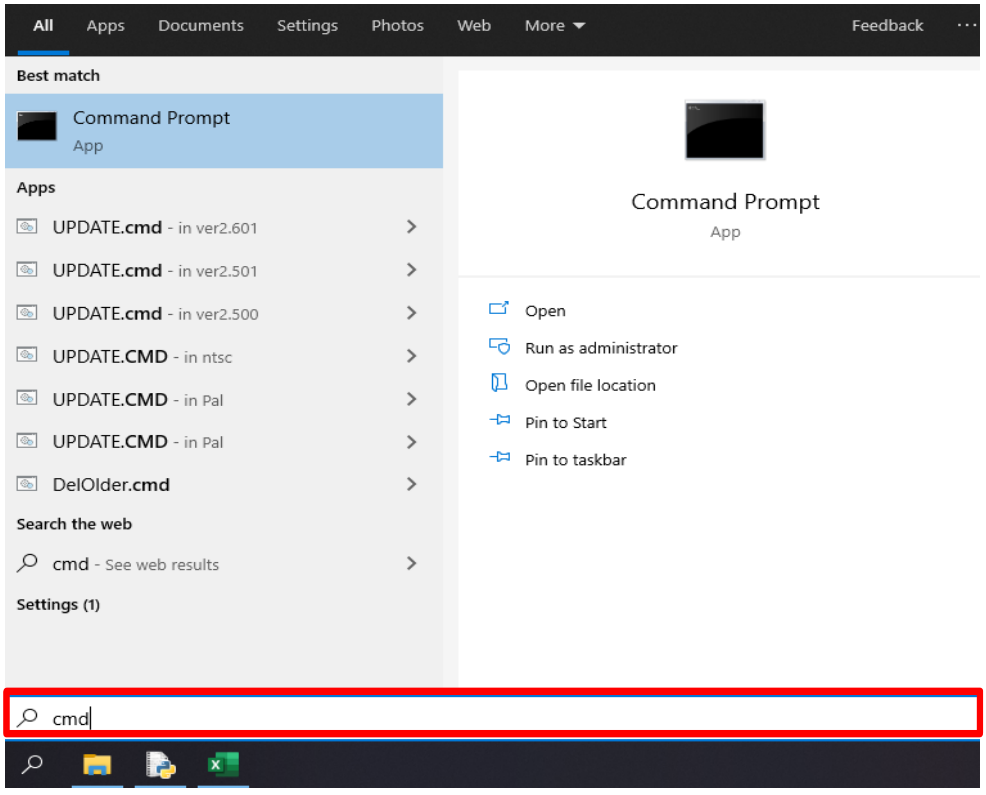


B) Starting the PLC Logger

1. Press "windows key" to open the search box



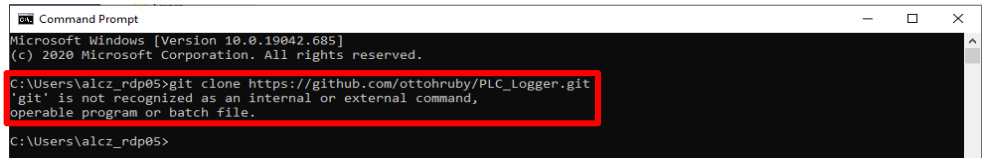
2. Type "cmd"



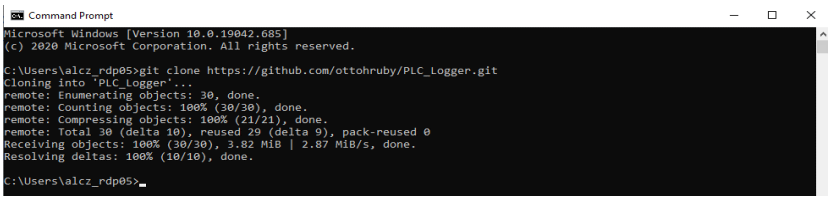
3. Press "ENTER" to open the command prompt

4. If you do not have PLC Logger script, you can download it from GitHub
with command "git clone https://github.com/ottohruby/PLC_Logger.git"

5. If you do not have git installed, you will get this response =>
go to section "C) Git installation"

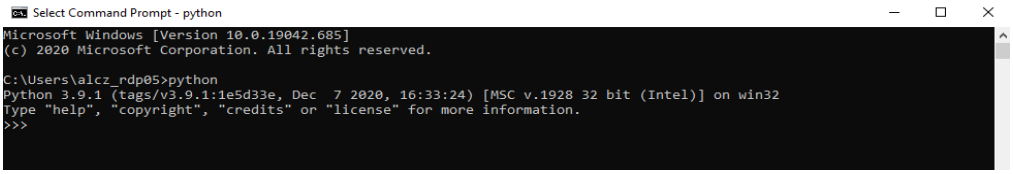


6. If you have git installed, you should get this response



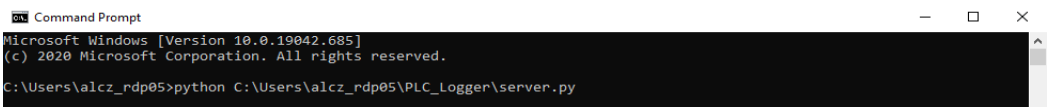
7. The GitHub repository is now downloaded
(in this example the <location of logger> is "C:\Users\alcz_rdp05")

8. This script has been tested on Python 3.9.1.
Check if you have Python 3.9.1 installed with command "python"



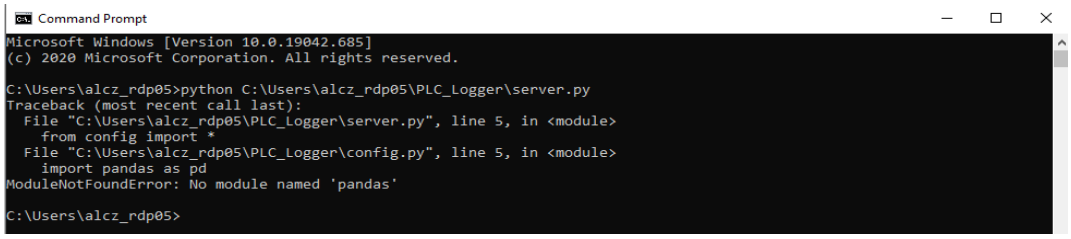
9. If not go to section "D) Python installation"

10. Start the script with command "python <location of logger>\PLC_LOGGER\server.py"
For example: "python C:\Users\alcz_rdp05\PLC_Logger\server.py"



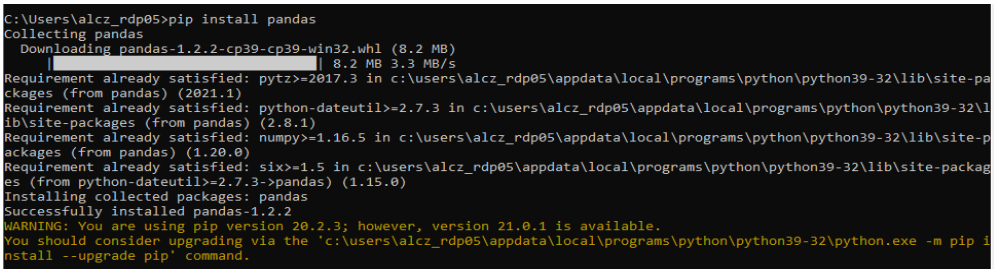
11. Press "ENTER"

12. If you have not installed pandas on your machine the following error occurrs
If your script starts go to STEP 16



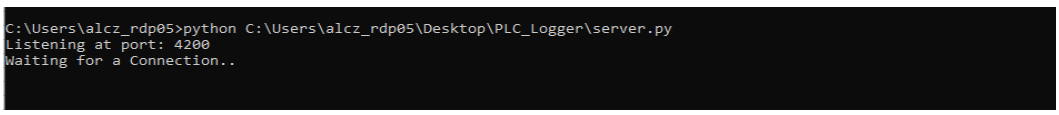
13. Install pandas with command "pip install pandas"
(this works only if you are connected to Internet)

14. Wait until you see "Successfuly installed pandas-<version>"



15. Repeat STEP 10 and STEP 11 to start the script

16. The logger is working if you see "Waiting for a Connection"

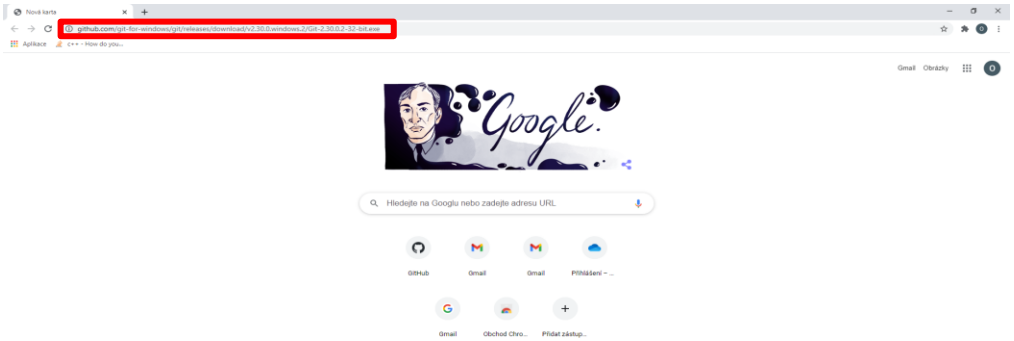


C) Git Installation

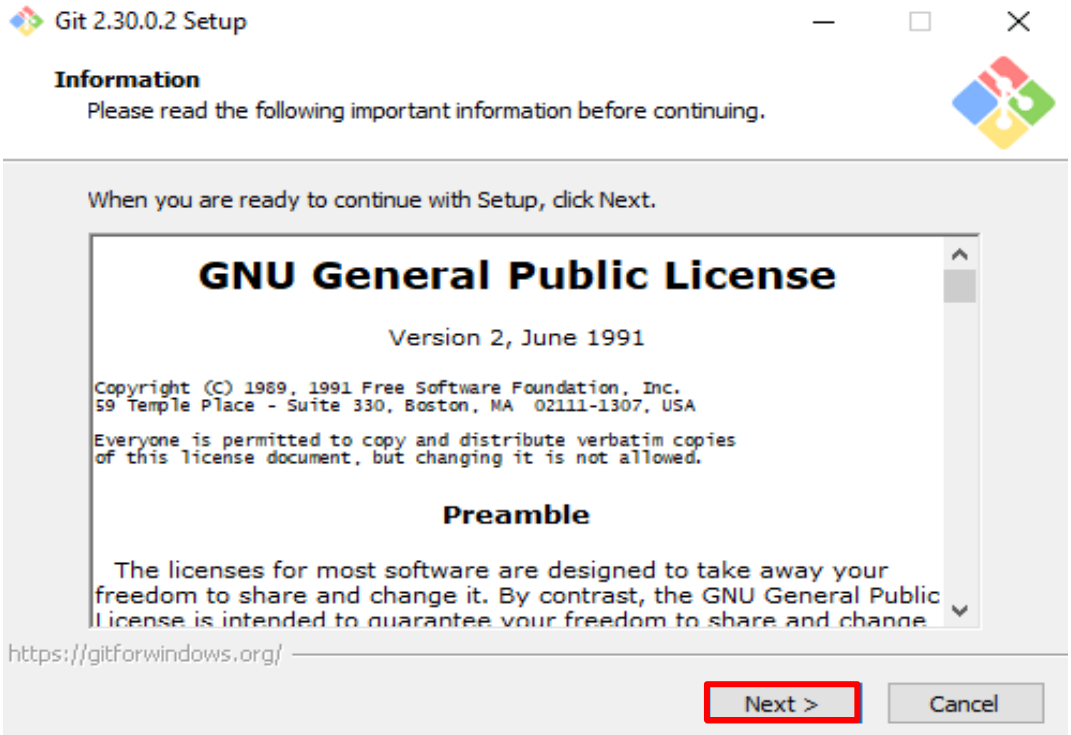
1. Download git from URL:

"https://github.com/git-for-windows/git/releases/download/v2.30.0.windows.2/Git-2.30.0.2-32-bit.exe"

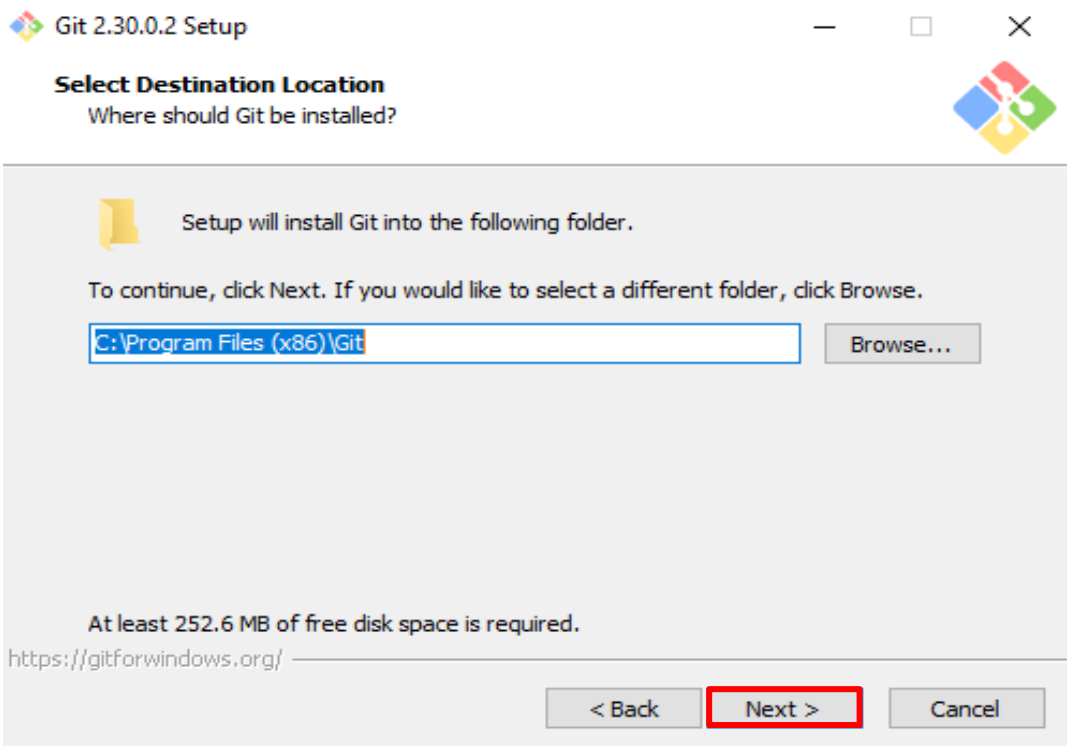
2. Open the downloaded file



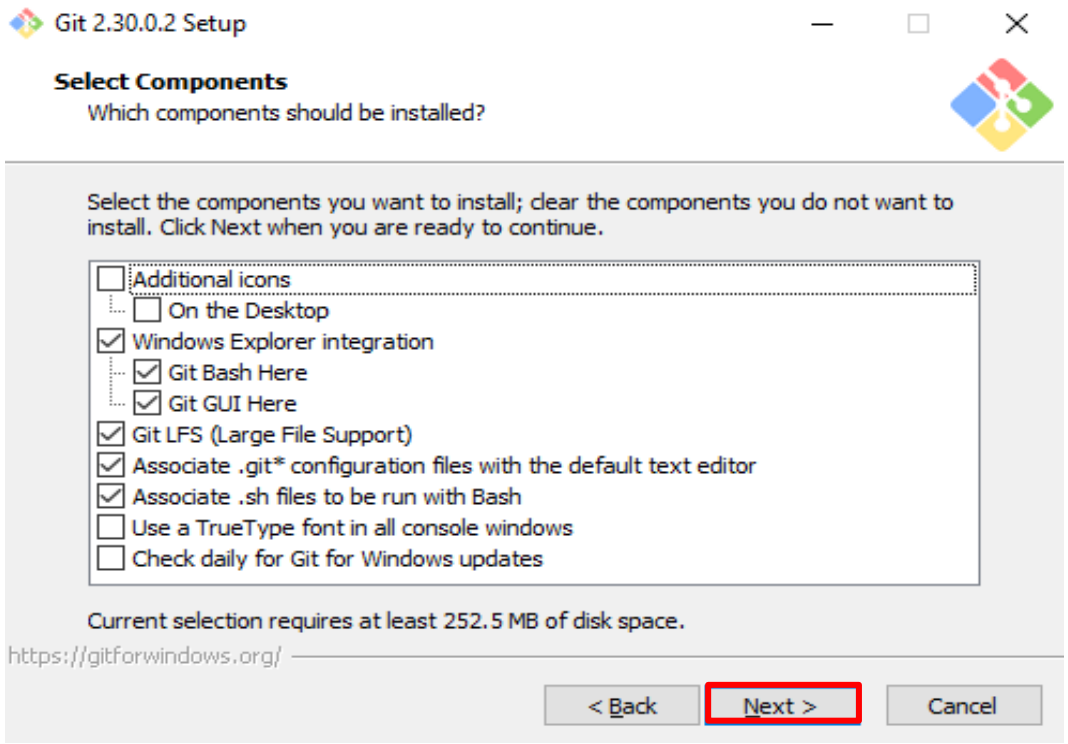
3. Git 2.30.0.2 Setup will open
4. Click to "Next >"



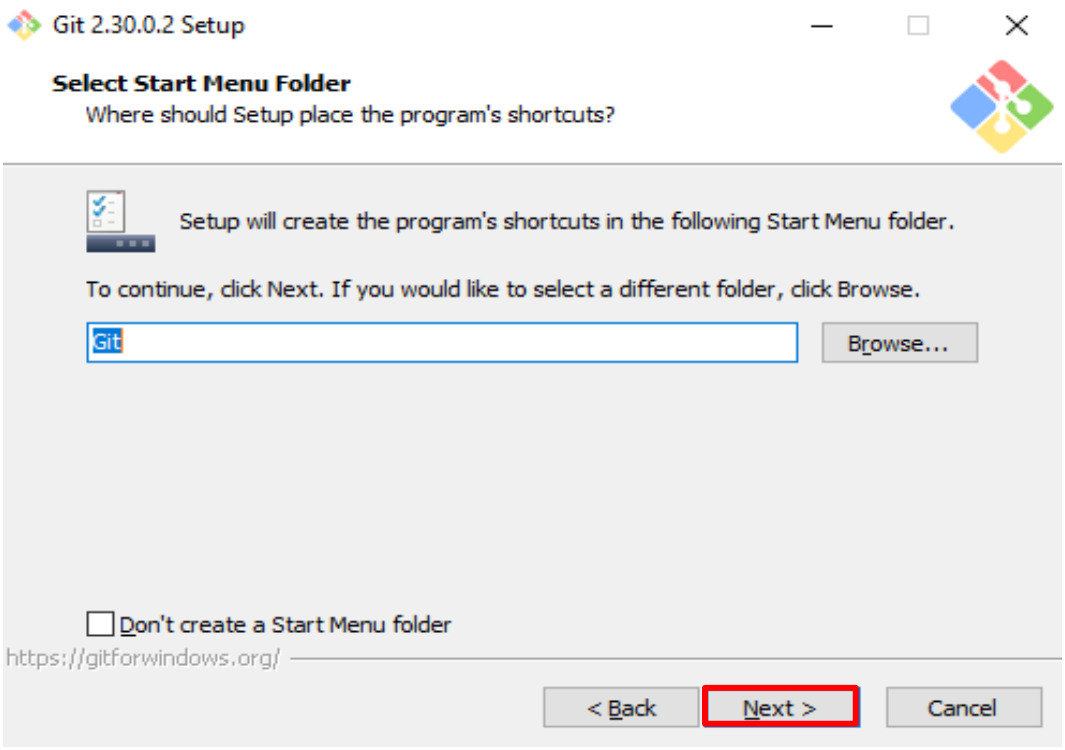
5. Click to "Next >"



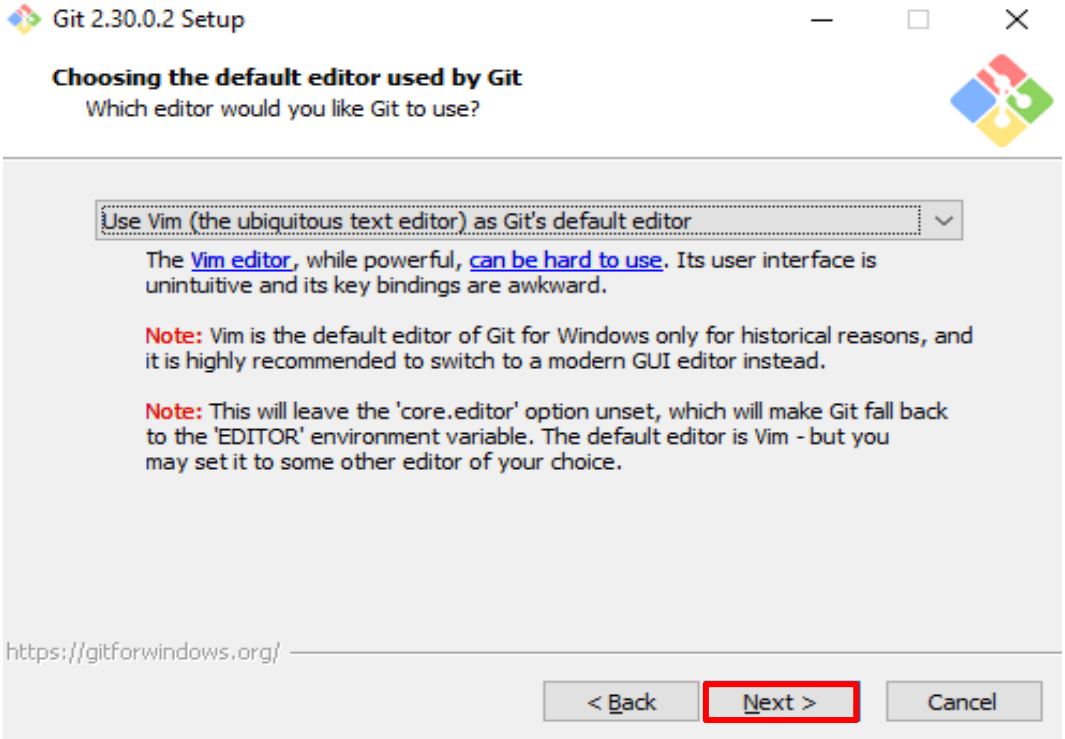
6. Click to "Next >"



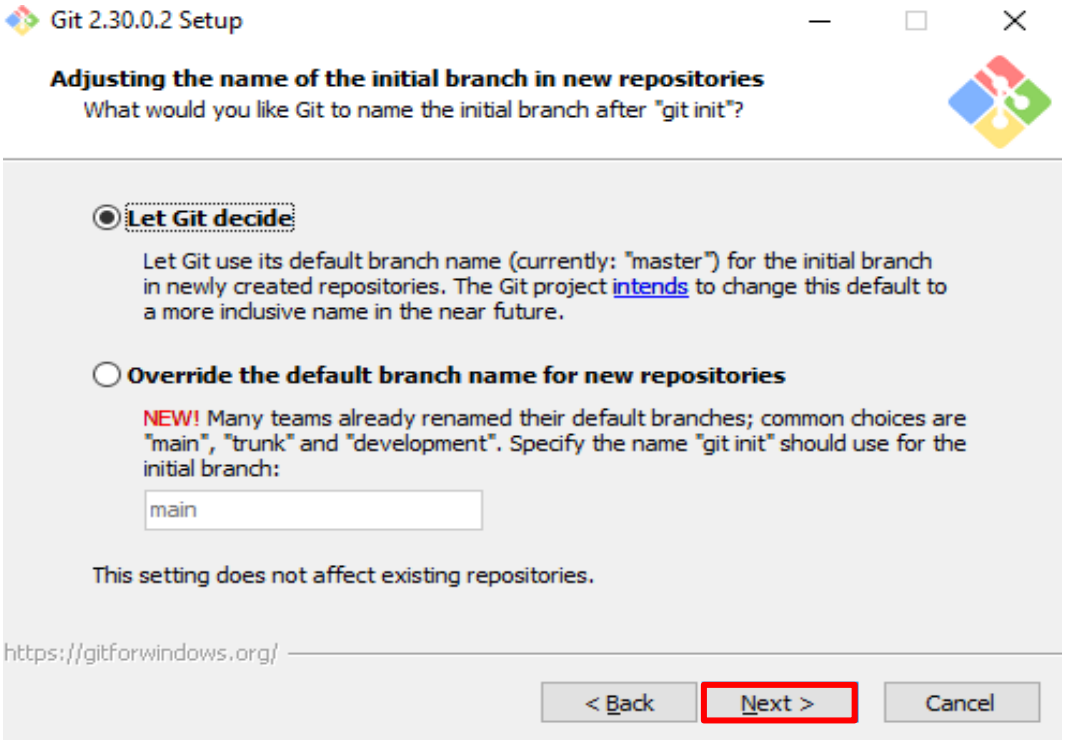
7. Click to "Next >"



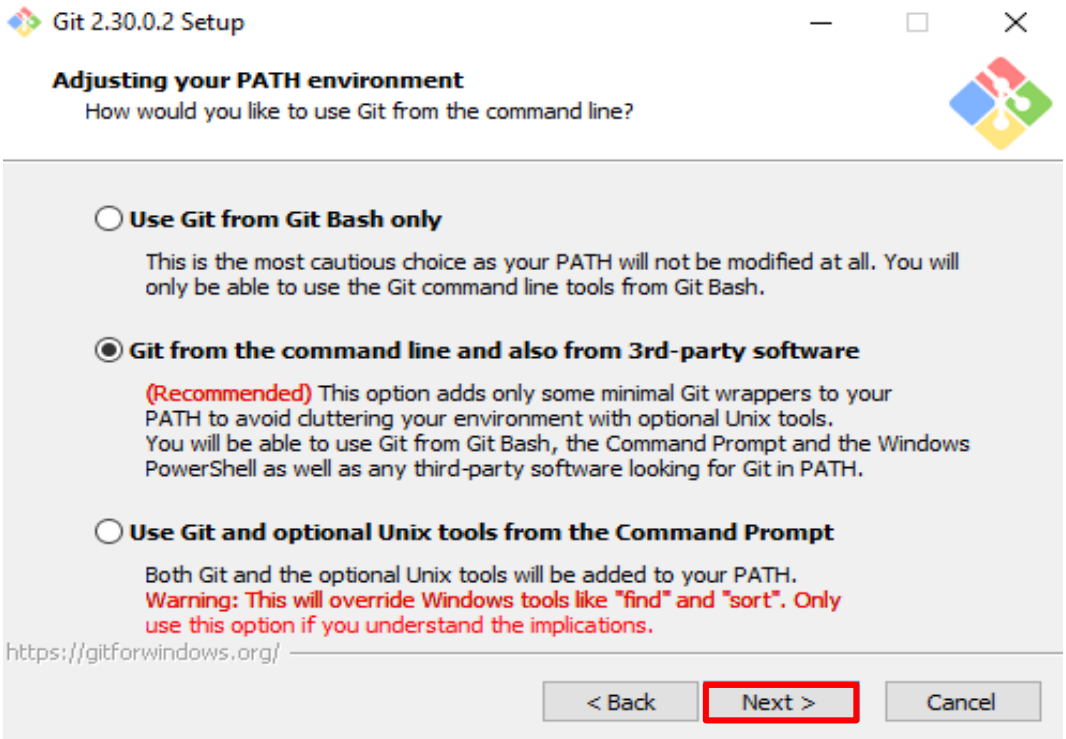
8. Click to "Next >"



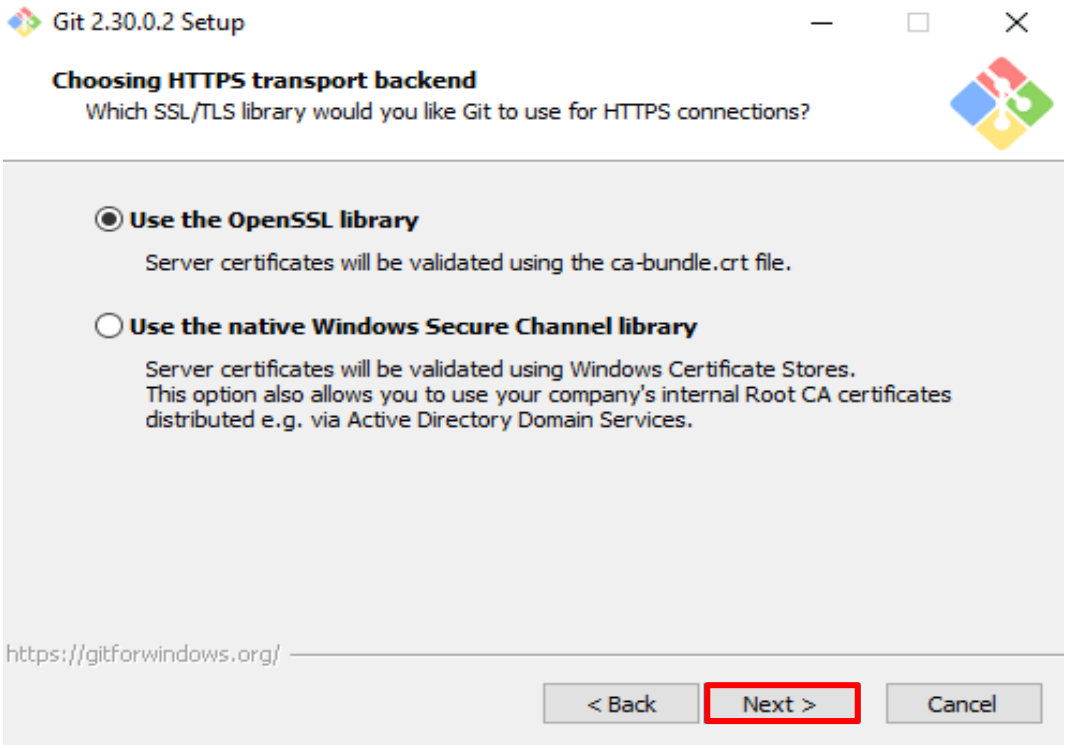
9. Click to "Next >"



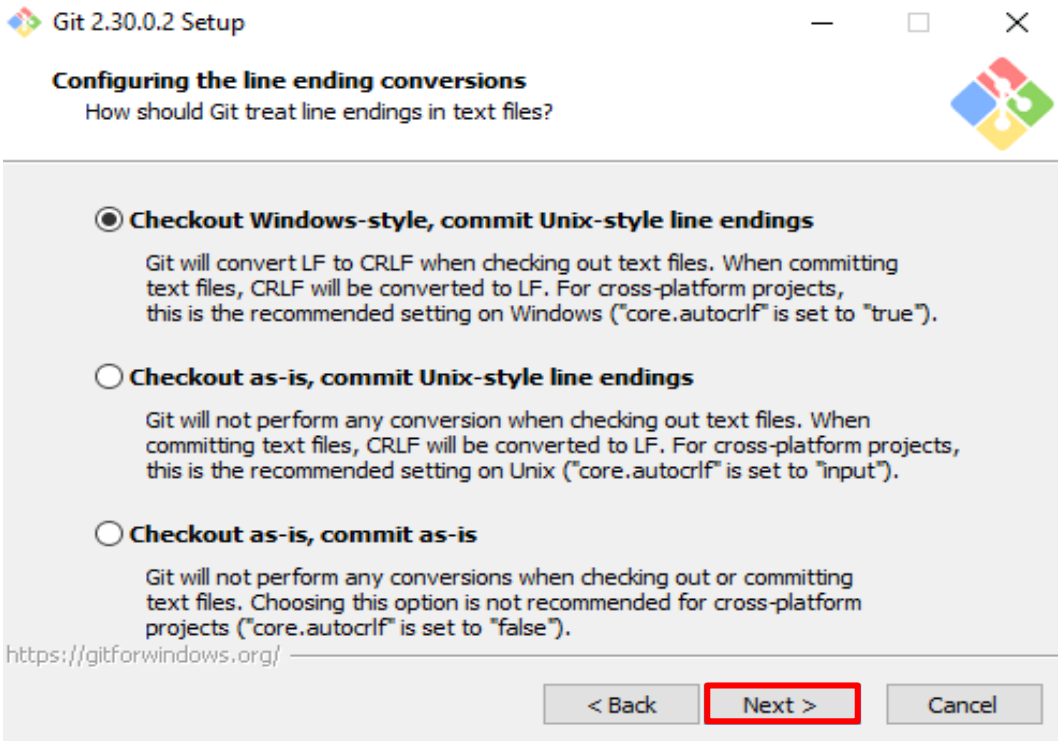
10. Click to "Next >"



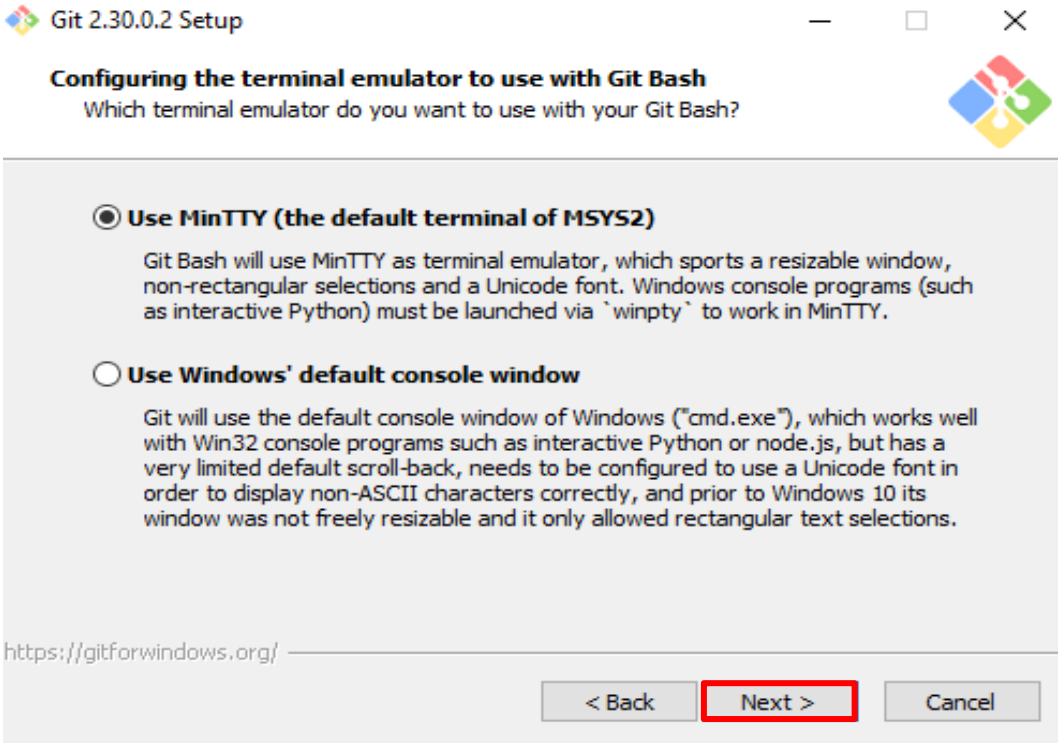
11. Click to "Next >"



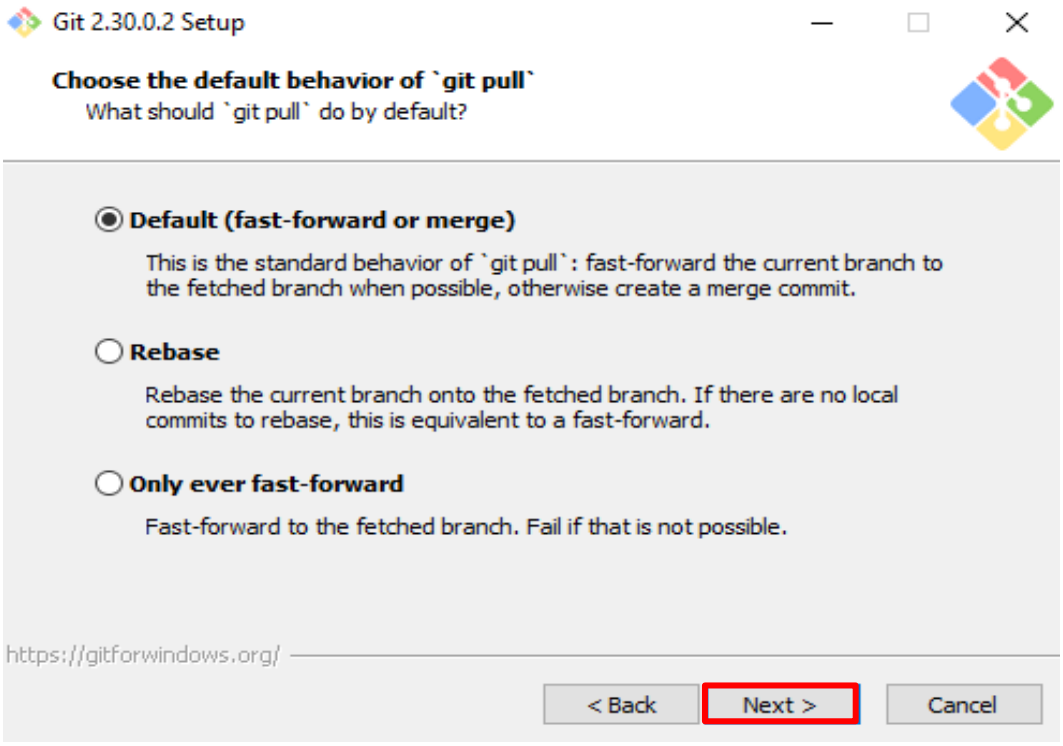
12. Click to "Next >"



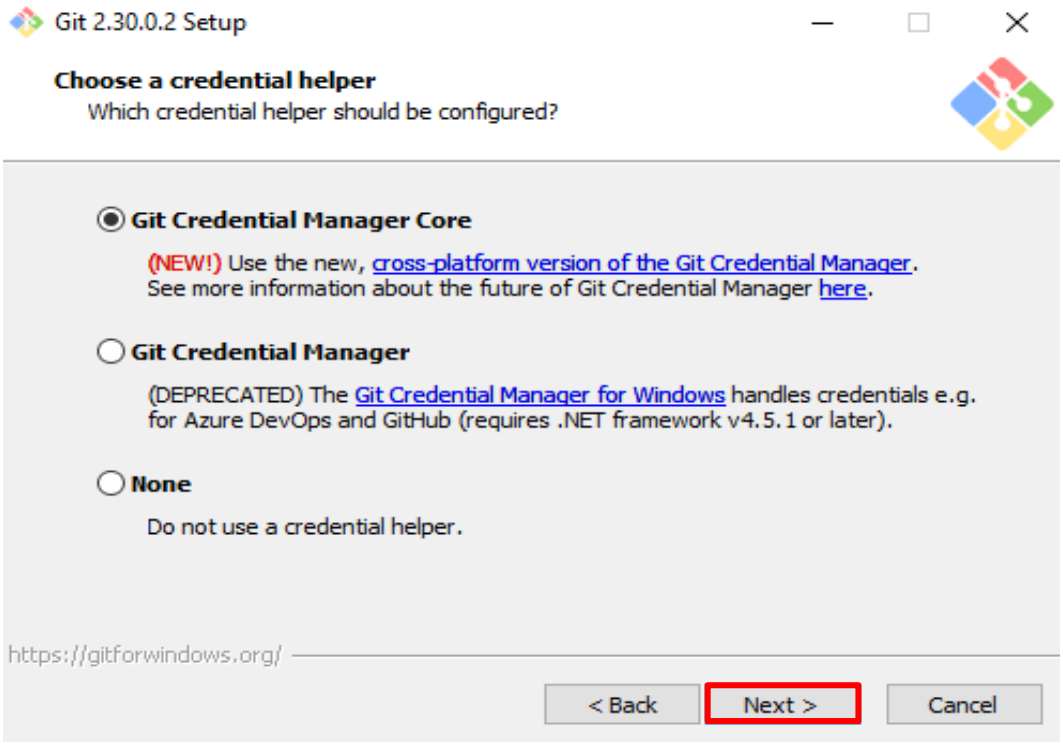
13. Click to "Next >"



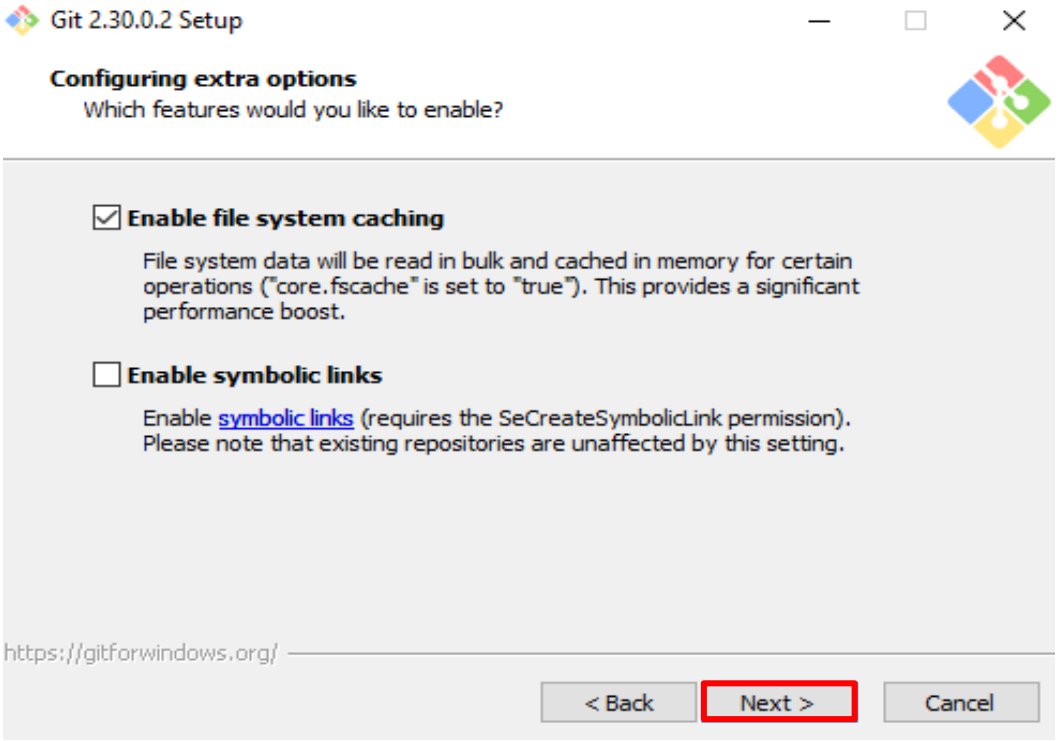
14. Click to "Next >"



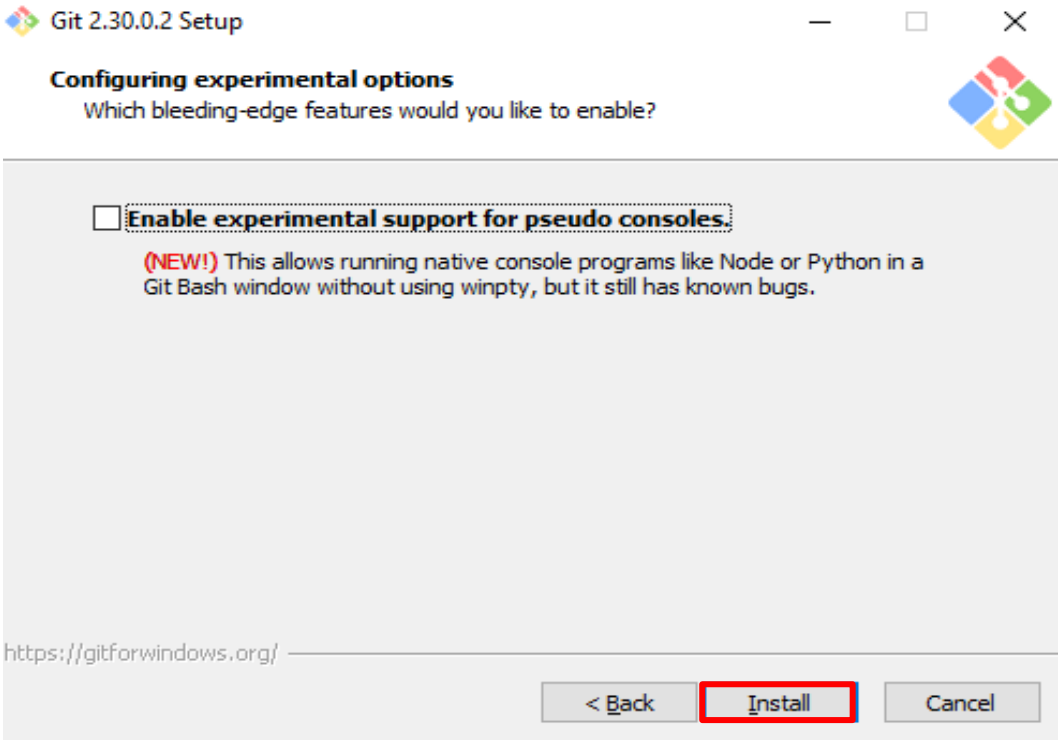
15. Click to "Next >"



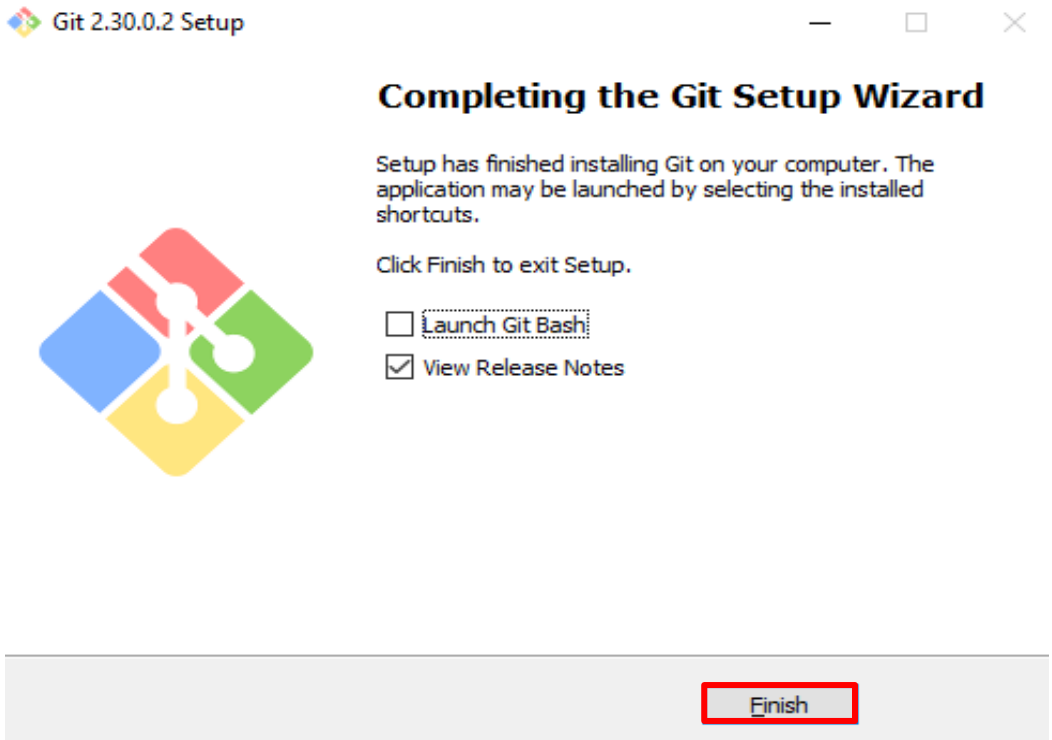
16. Click to "Next >"



17. Click to "Install"



18. Wait for Git to be installed
19. Click to "Finish"



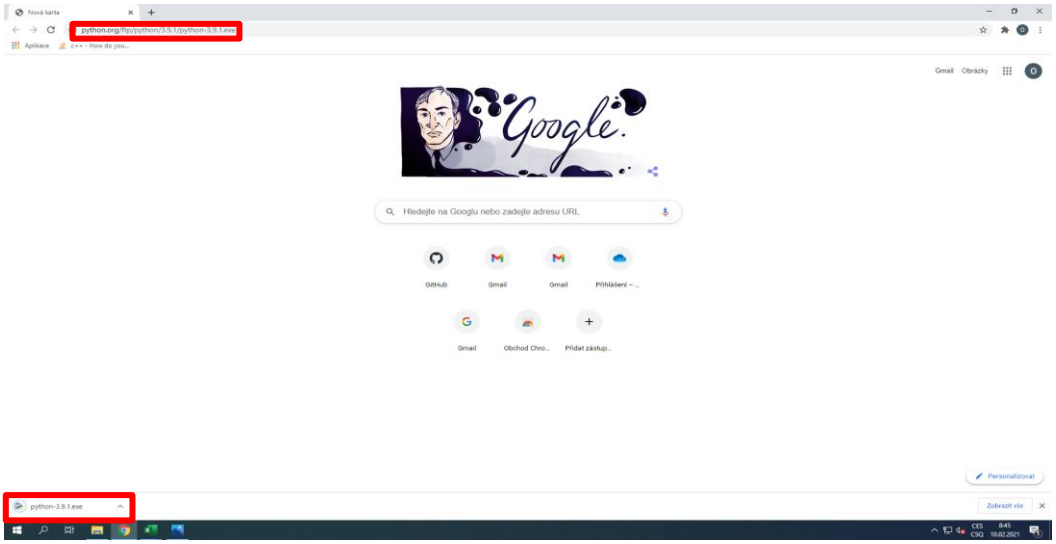
20. If you had opened the command prompt, close it and start it again

D) Python Installation

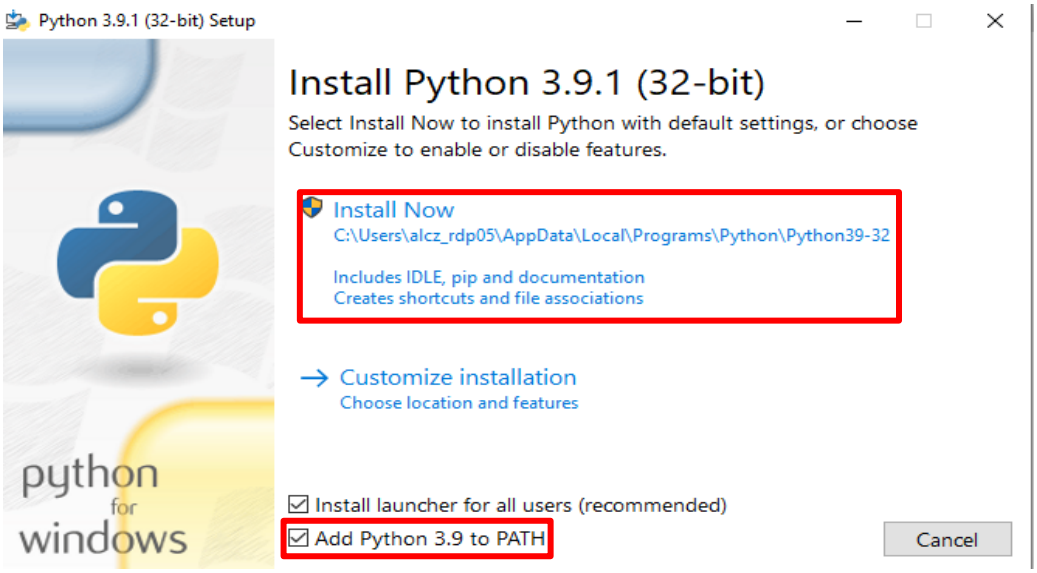
1. Download git from URL:

"https://www.python.org/ftp/python/3.9.1/python-3.9.1.exe"

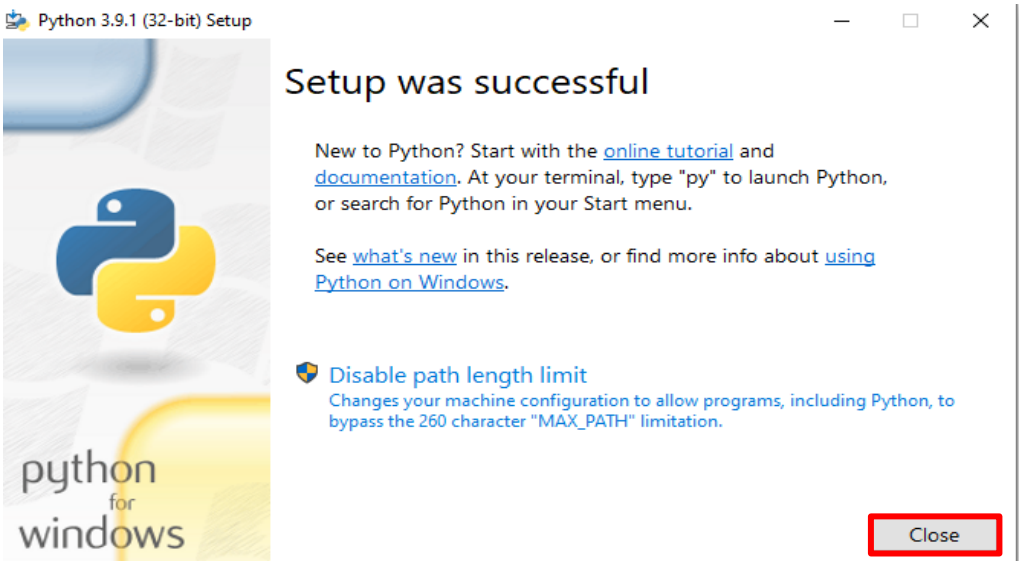
2. Open the downloaded file



3. Python 3.9.1 (32-bit) Setup will open
4. Check the box "Add Python 3.9 to PATH"
5. Click to "Install Now"



6. Wait for Python to be installed
7. Click to "Close"



8. If you had opened the command prompt, close it and start it again