This document describes how to setup linux remote server with windows local machine.

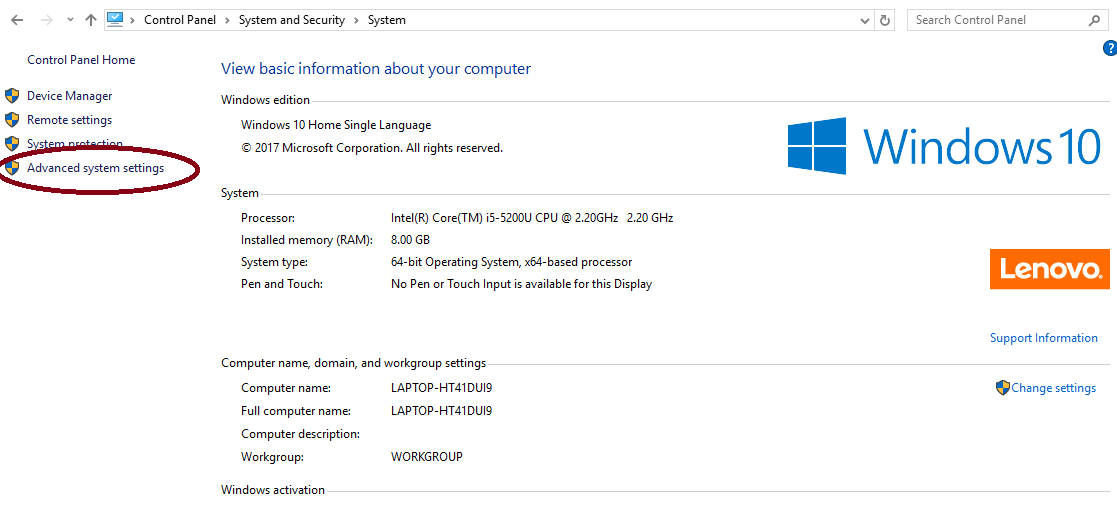
Make sure to python and git installed in your windows machine. If not, download the Python3.6 and Git-2.16.1-64-bit version. Because of bug in the latest updated version for connecting with remote server.

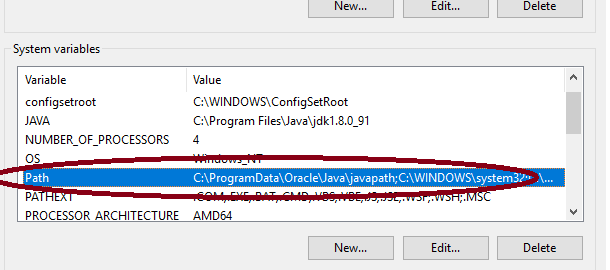
Bug ref : (https://ru.stackoverflow.com/questions/780008/error-cannot-spawn-git-function-not-implemented)

Download Python3.6 from here <https://www.python.org/downloads/>

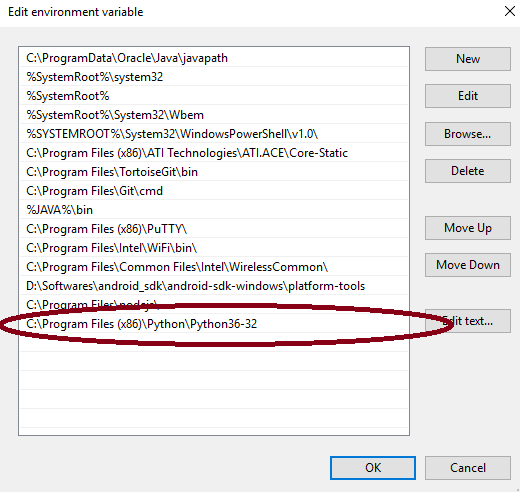
Setup the python path in system environment variables as follows

Go to Control-Panel -> Select System and Security -> Select System - > Advanced System settings -> Select Environment Variables -> Select path and press Edit Button





add python path in existing path section followed by (;) semicolon then save it and exit.



Open the command-prompt then check the python version by using below command

**> Python –version**

Now install the Git-2.16.1 version from here <https://github.com/akkravikumar/git_setup_configuration>

Once install the git, close and reopen the command prompt.

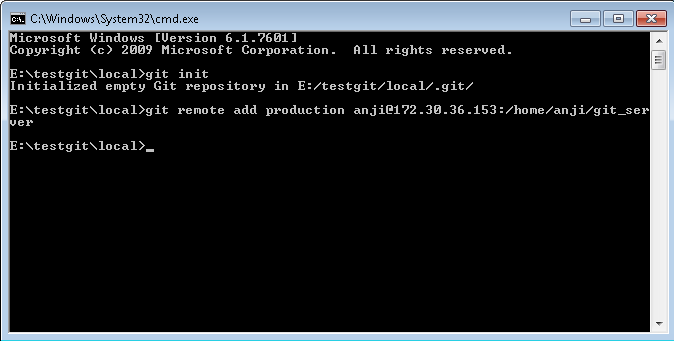
Now we proceed to create working directory anywhere in the location of your windows machine and and redirect the same directory location in the command prompt.

We need to configure the remote machine with local for pull and push the source to run the following in Command prompt

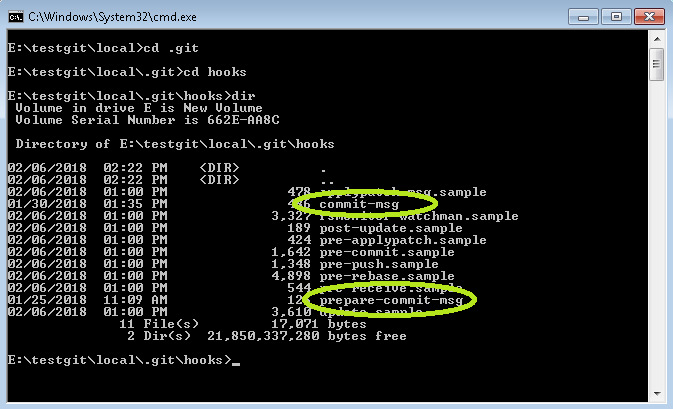
**> git init**

**> git remote add production server\_ip:port/home/user/git\_server**

Note: if port 22 is default then not need to mention. Check the following image.



Now we need to add two files named as **commit-msg** and **prepare-commit-msg** to .git/hook location for validating empty commits



Now we configured Linux remote server to windows local machine successfully. Now we can able to proceed push/pull code.

