**Simulator Automation:**

* Installing SSH-Client on Ubuntu virtual machine with command:

sudo apt-get install openssh-client

* Install SSH-Server on Window host machine and set up ssh public key authentification for Windows where the Windows host has admin right. Therefore see video: <https://www.youtube.com/watch?v=Wx7WPDnwcDg&list=PLbSx61FnjmwrobiaKpInjFYFvuqsyuGEa&index=23&ab_channel=WilliamCampbell>
* Installing SSH into the other direction, i.e to steer the virtual Linux machine from the Windows host machine, install SSH-client on the Windows host through activating the optional feature. However, SSH-Client should be enables per default on Windows host.

On the linux virtual maschine install SSH-Server with the following command:  
sudo apt install openssh-server

* To enable public key authentification type the following commands into Windows command prompt and accept the defaults by pressing enter:

ssh-keygen

* As ‘ssh-copy-id’ command does not exist on Windows, open a PowerShell and type in the following command. In yellow please add the name and IP address of your virtual maschine  
  type $env:USERPROFILE\.ssh\id\_rsa.pub | ssh janik@ip\_address\_VM "cat >> .ssh/authorized\_keys"
* Set up the command prompt to be able to activate conda virtual environment right form the command prompt
  + Go to the following location inside a command prompt:   
    cd C:\Users\janik\anaconda3\Scripts
  + Run the following command:   
    activate.bat
  + Run the following command to run conda interaction with prompt command. For other terminals (powershell, bash etc.) see help function  
    conda init cmd.exe
  + Close and restart the terminal
  + Conda virtual environments could now be activated using normal commands as in Anaconda Prompt:

conda activate <venv-name>