

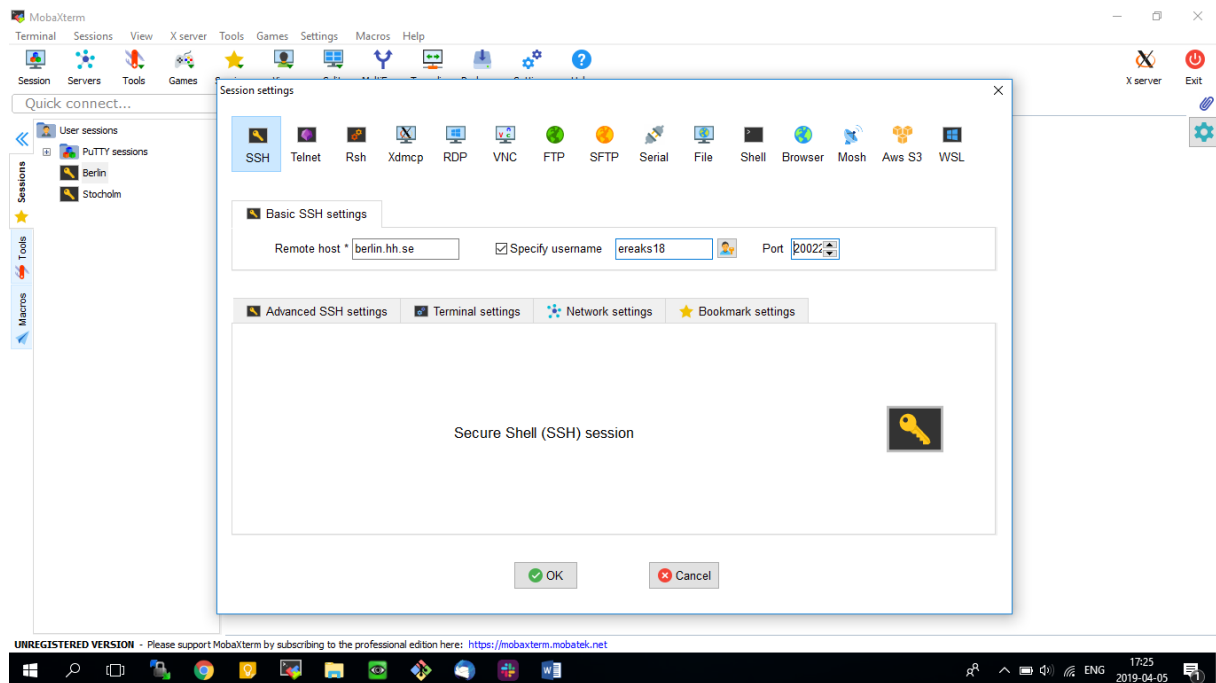
Instruction on How-to-use Halmstad Lab PCs.

Step 1) To be able to ssh the lab PCs, you can use any ssh-client. We recommend **MobaXterm** which can be downloaded from this link:

<https://mobaxterm.mobatek.net/download.html>

Just click on “Home Edition (free)” and then select “MobaXterm Home Edition v11.1 (Portable edition)”. This way you will be downloading a zipped file. Inside the zipped file, there is an executable called “**MobaXterm_Personal_11.1.exe**”. Just double click on this executable!

Step 2) On **MobaXterm**, just click on “**Session**” and then “**SSH**” buttons. Next, type the remote host computer name, your user name and password as shown in the figure below. As port number use **20022**. To find the right PC name, please have a look at the **PC List** below. There, you can see which PC name (either berlin.hh.se or sth else) you can use.



PC List

Copenhagen
Barcelona
Berlin
Copenhagen
Lund
Amsterdam
Istanbul

Step 3) Once you connect to the PC, you can start creating a **virtual environment**. For this purpose, just type:

```
>> python3 -m virtualenv testEnv
```

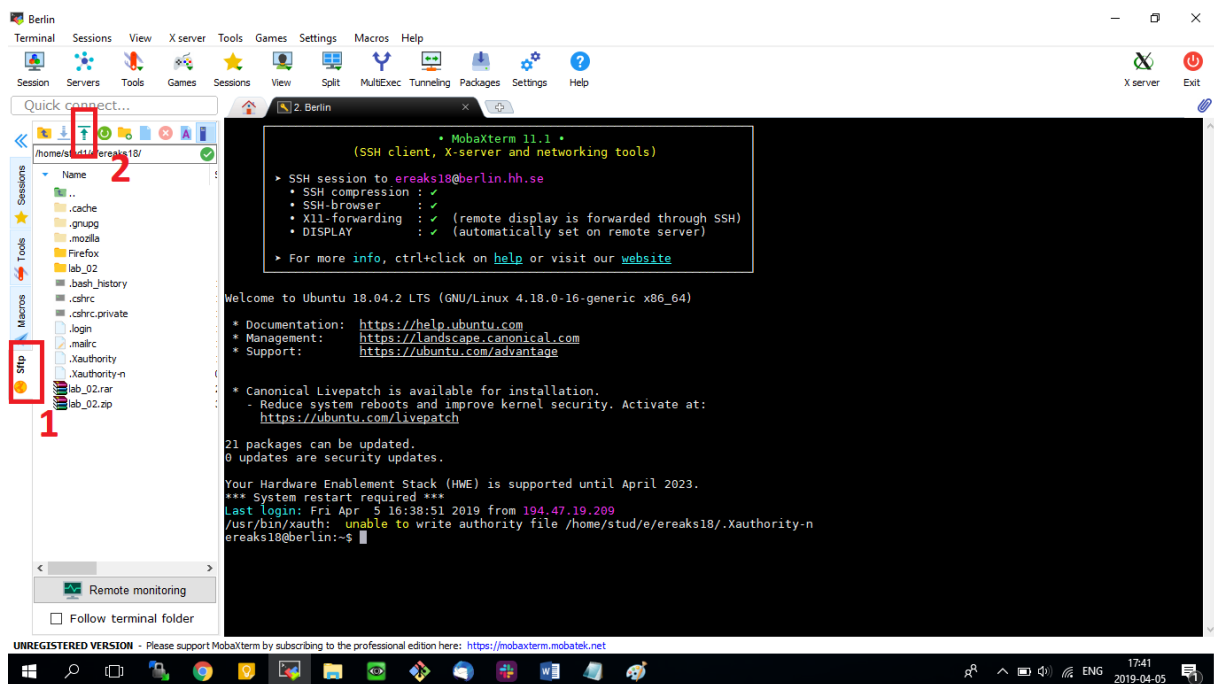
Once it is created, just activate the virtual environment by typing:

```
>> source testEnv/bin/activate
```

Inside the environment, you can install the required libs as follows:

```
>> pip install -r requirements.txt
```

Step 4) We can now download your files to the PC. For this, please click on those buttons 1 and 2 shown in red boxes below.



Step 5) Then navigate to the exercise folder as:

```
>> cd /path/to/your folder
```

Note that each PC has 2 GPU cards. Before running the lab exercise, please check out which GPU is free. For this purpose, just type the following command:

```
>> nvidia-smi -l 1
```