

## 67-272 Lab 1 Preparation

### Ruby on Rails Setup

#### **\*\*Windows Users\*\***

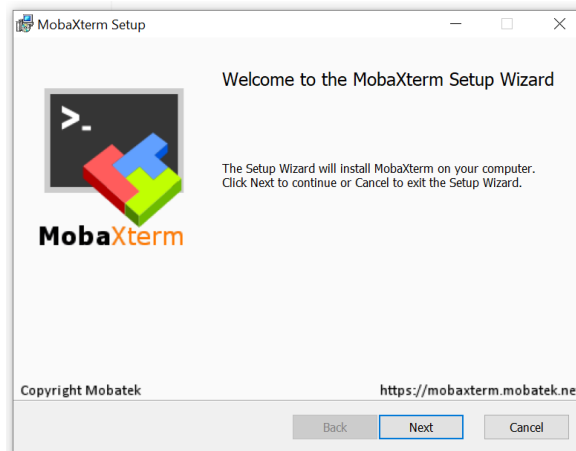
**Note:** Make sure that you are connected to campus wireless network. If you are working from home, you will require to connect to VPN [vpn.qatar.cmu.edu] to continue with the steps below.

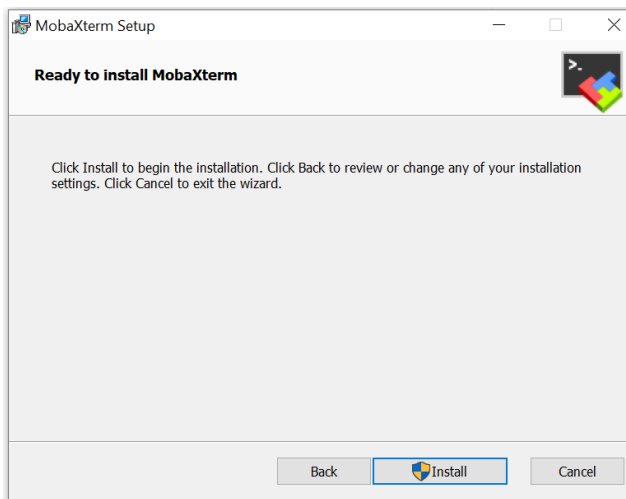
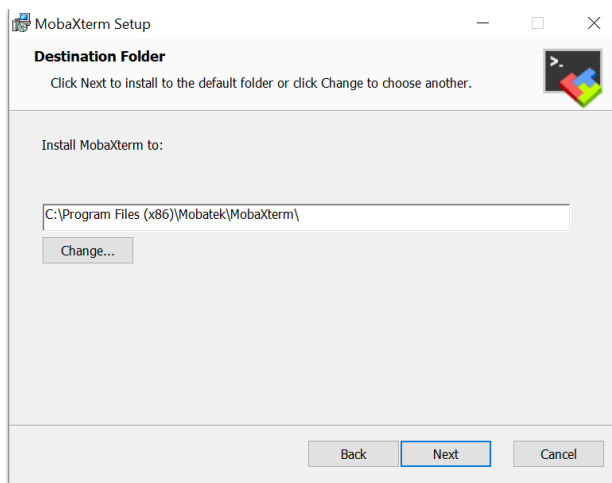
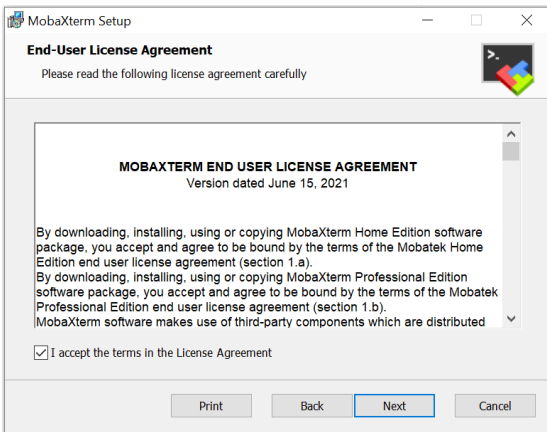
1. Download the suitable client for Windows:

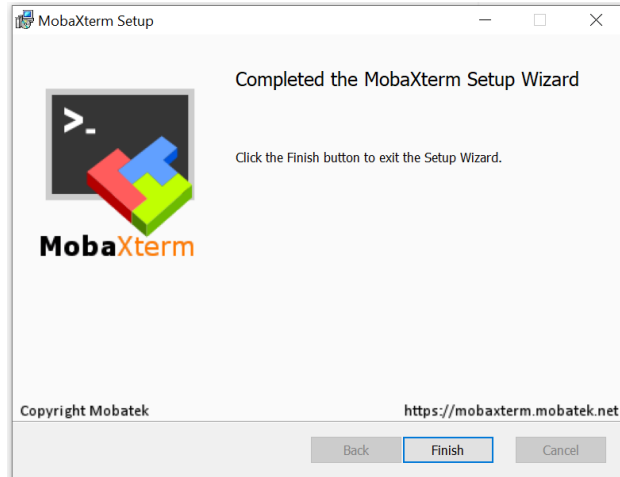
1.1. Download the MobaXterm Installer client from the below link, unzip it and open it from:

[https://download.mobatek.net/2152021112100754/MobaXterm\\_Installer\\_v21.5.zip](https://download.mobatek.net/2152021112100754/MobaXterm_Installer_v21.5.zip)

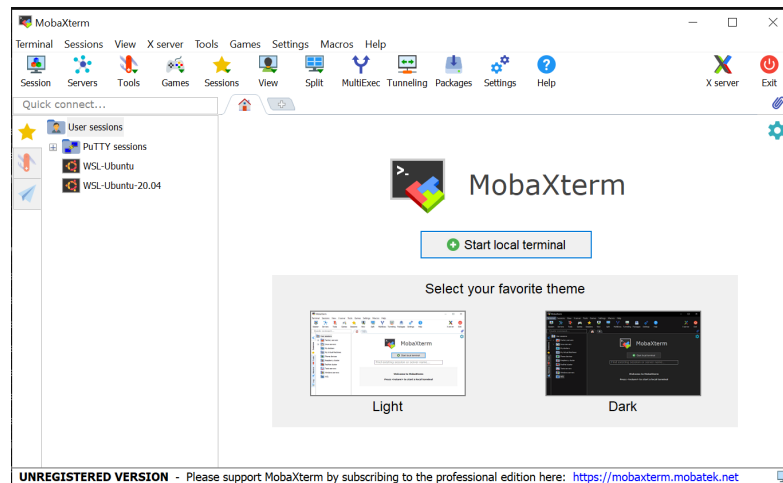
1.2. Open the MobaXterm\_Installer\_21.5 installer package file and continue the installation process. See the screenshots below for your help:



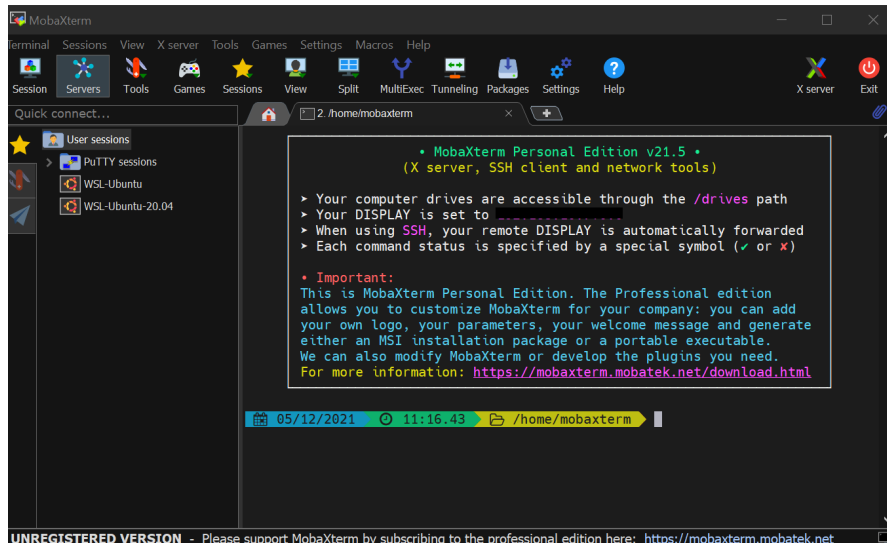




2. Open **MobaXTerm** from your computer

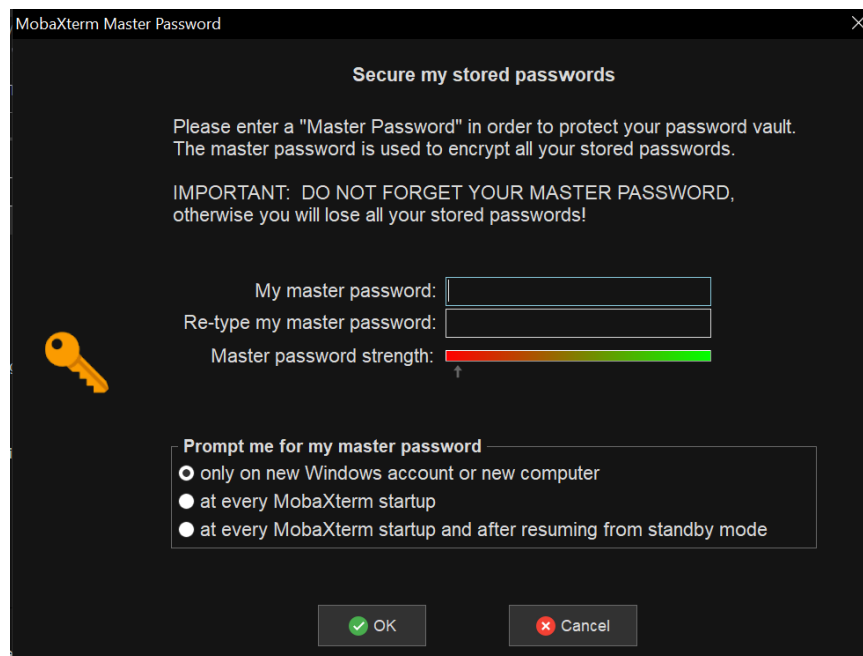
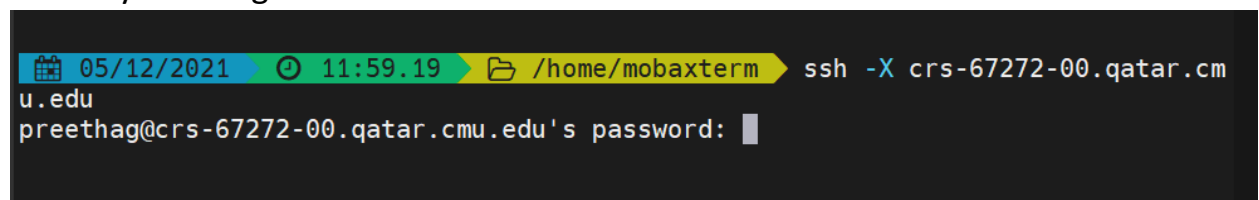


3. You can choose your desired theme and click Start local terminal and you will get the below screen

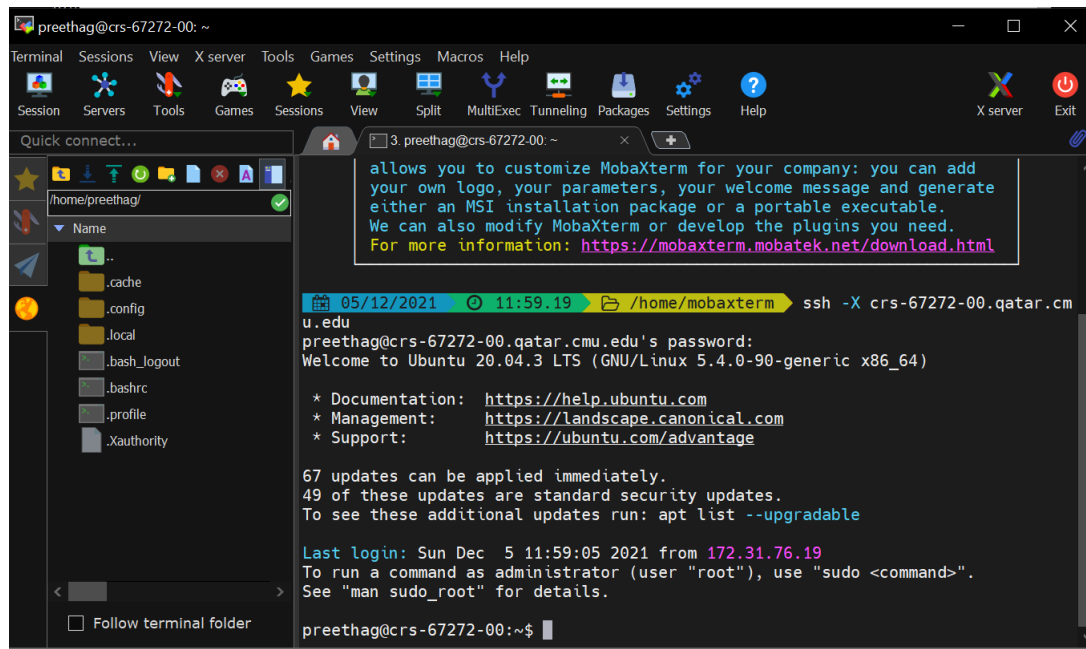


4. Type `ssh -X andrewID@crs-67272-00.qatar.cmu.edu`

**Note:** for you the server name will be different, please check canvas page to find your assigned server

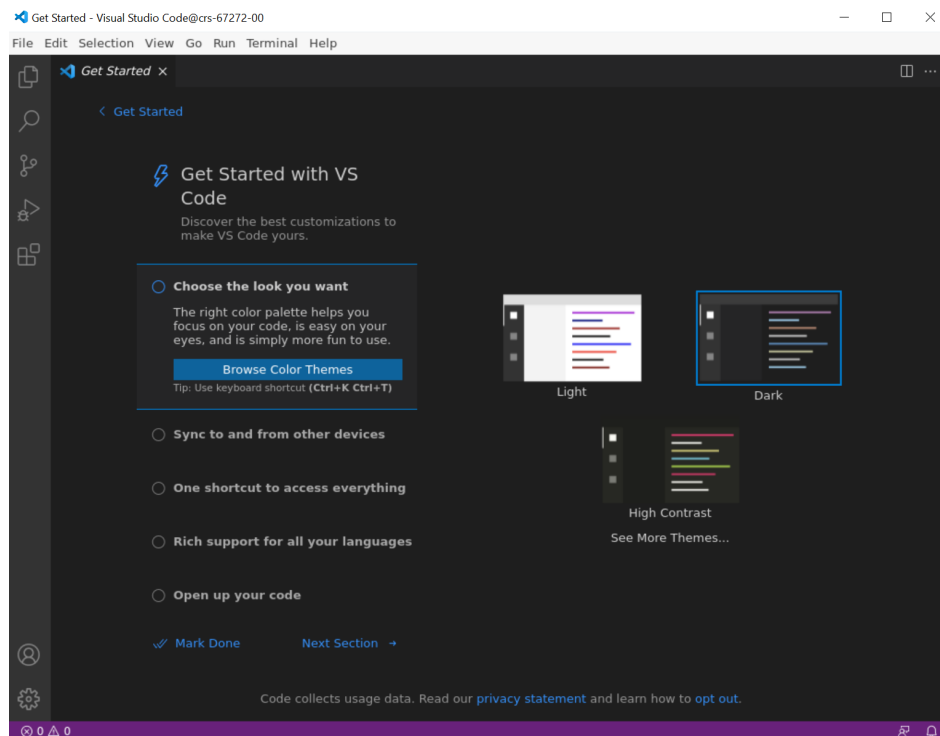


Give a password that you would remember.



5. Type code and this will open VSCode.

**Note:** There will be a 30-40 seconds delay depending on your network



6. Click terminal -> new terminal on the VSCode menu
7. Type rails new testapp

```
preethag@crs-67272-00:~$ rails new testapp
```

You will get a bunch of messages as below:

```
Using listen 3.1.5
Using puma 3.12.6
Using sprockets 3.7.2
Using sprockets-rails 3.4.1
Using rails 5.2.6
Using rexml 3.2.5
Using rubyzip 2.3.2
Using sass-listen 4.0.0
Using sass 3.7.4
Using tilt 2.0.10
Using sass-rails 5.1.0
Using selenium-webdriver 4.1.0
Using spring 2.1.1
Using spring-watcher-listen 2.0.1
Using sqlite3 1.4.2
Using turbolinks-source 5.2.0
Using turbolinks 5.2.1
Using uglifier 4.2.0
Using web-console 3.7.0
Bundle complete! 18 Gemfile dependencies, 79 gems now installed.
Use `bundle info [gemname]` to see where a bundled gem is installed.
   run bundle exec spring binstub --all
* bin/rake: Spring inserted
* bin/rails: Spring inserted
```

8. Now, type cd testapp [do not miss this part]
9. Then, type rails s

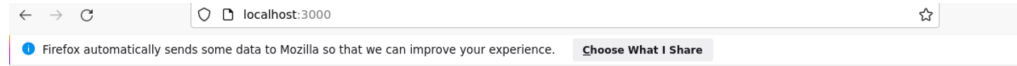
```
preethag@crs-67272-00:~/testapp$ rails s
=> Booting Puma
=> Rails 5.2.6 application starting in development
=> Run `rails server -h` for more startup options
Puma starting in single mode...
* Version 3.12.6 (ruby 2.7.1-p83), codename: Llamas in Pajamas
* Min threads: 5, max threads: 5
* Environment: development
```

10. In mobaxterm terminal, type firefox, this will open a firefox terminal for you

```
preethag@crs-67272-00:~$ firefox
```

11. In the firefox browser url, type `localhost:3000` and you will see the default rails screen.

This means that you have successfully created a new rails app and you are good to go 😊



Yay! You're on Rails!



**Rails version:** 5.2.6

**Ruby version:** 2.7.1 (x86\_64-linux)