

## 67-272 Lab 1 Preparation

### Ruby on Rails Setup

#### **\*\*Mac 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 MAC users. You can use either **Tabby** (<https://tabby.sh/>) or **Hyper** (<https://hyper.is/>)
2. Install the client (follow the steps mentioned)
3. Open Tabby or Hyper from your computer



4. Connect to the server by typing the following in Tabby/Hyper:

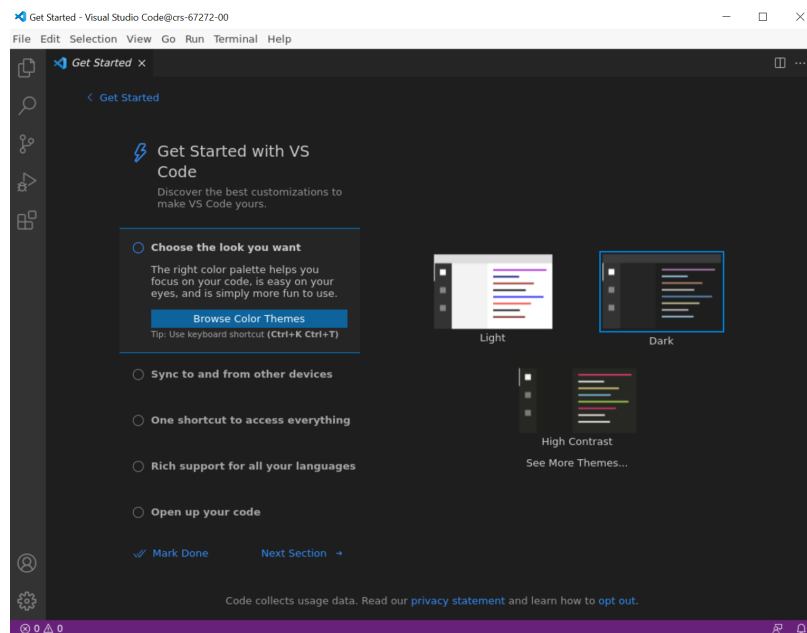
```
ssh -X andrewID@crs-67272-01.qatar.cmu.edu
```

[Note: for you the server's name will be different, please check canvas page to find your assigned server]

```
hbouamor@FSM-HB0UV2R-S21 ~ % ssh -X hbouamor@crs-67272-01.qatar.cmu.edu
hbouamor@crs-67272-01.qatar.cmu.edu's password:
```

The password should be your andrew's password (the one you use to access your CMU email).

5. Type `code` and this will open **VSCode** [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`

```
hbouamor@crs-67272-01:~$ rails new testapp
```

You will get a bunch of messages as below:

```
create app/views/layouts/mailer.html.erb
create app/views/layouts/mailer.text.erb
create app/assets/images/.keep
create app/assets/javascripts/channels
create app/assets/javascripts/channels/.keep
create app/controllers/concerns/.keep
create app/models/concerns/.keep
create bin
create bin/bundle
create bin/rails
create bin/rake
create bin/setup
create bin/update
create bin/yarn
create config
create config/routes.rb
create config/application.rb
create config/environment.rb
create config/cable.yml
create config/puma.rb
create config/spring.rb
create config/storage.yml
create config/environments
create config/environments/development.rb
create config/environments/production.rb
create config/environments/test.rb
create config/initializers
create config/initializers/application_controller_renderer.rb
```

8. Now, type `cd testapp` [do not miss this part]

```
hbouamor@crs-67272-01:~$ cd testapp/
```

9. Now type `rails s`

```
hbouamor@crs-67272-01:~/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 2.6.9-p207), codename: Llamas in Pajamas
* Min threads: 5, max threads: 5
* Environment: development
* Listening on tcp://localhost:3000
Use Ctrl-C to stop
```

10. In the Tabby or Hyper terminal, type `firefox`, this will open a firefox terminal for you

```
hbouamor@crs-67272-01:~$ 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:** 2.6.9 (x86\_64-linux)