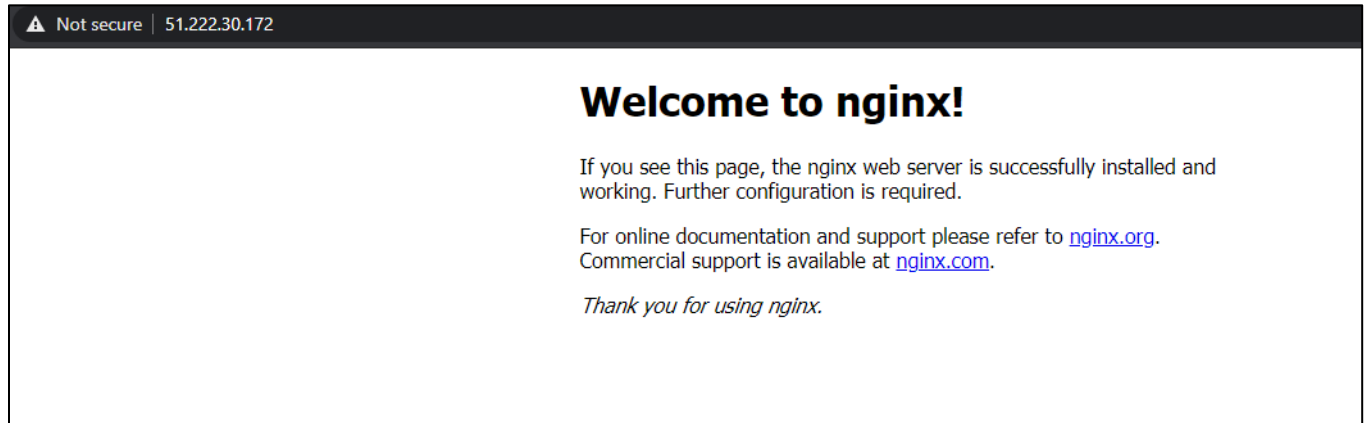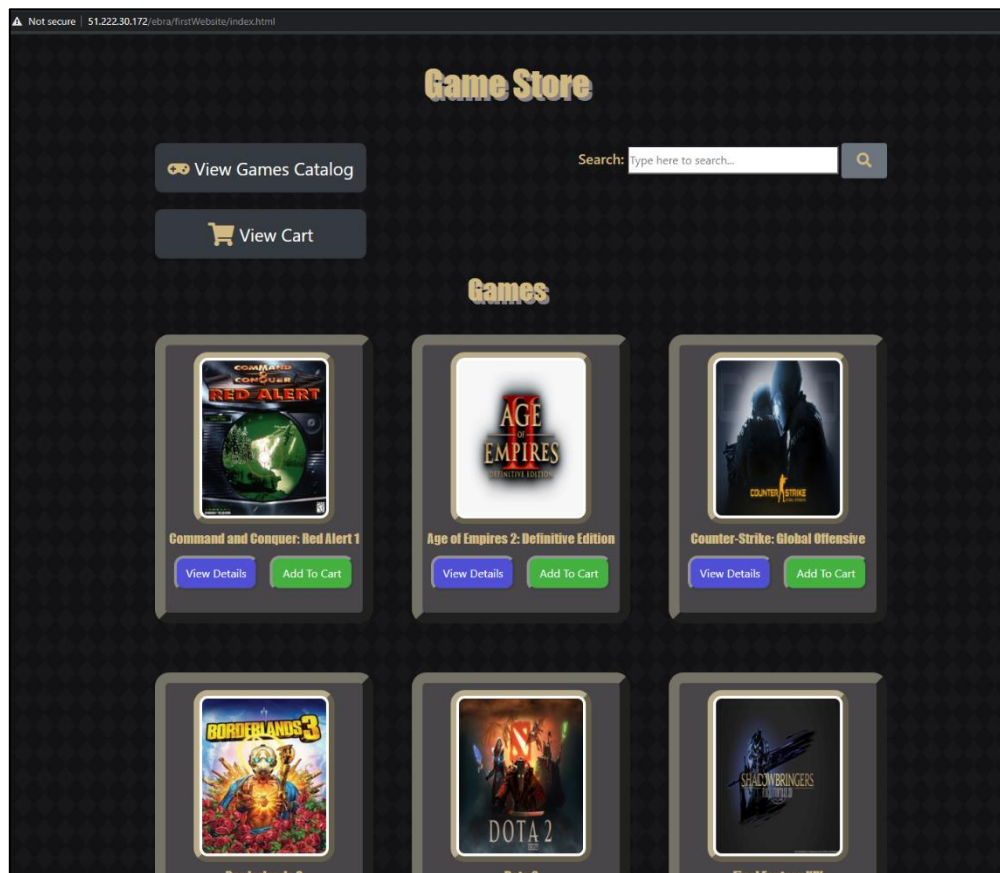Screenshot of nginx welcome page deployed on our server:

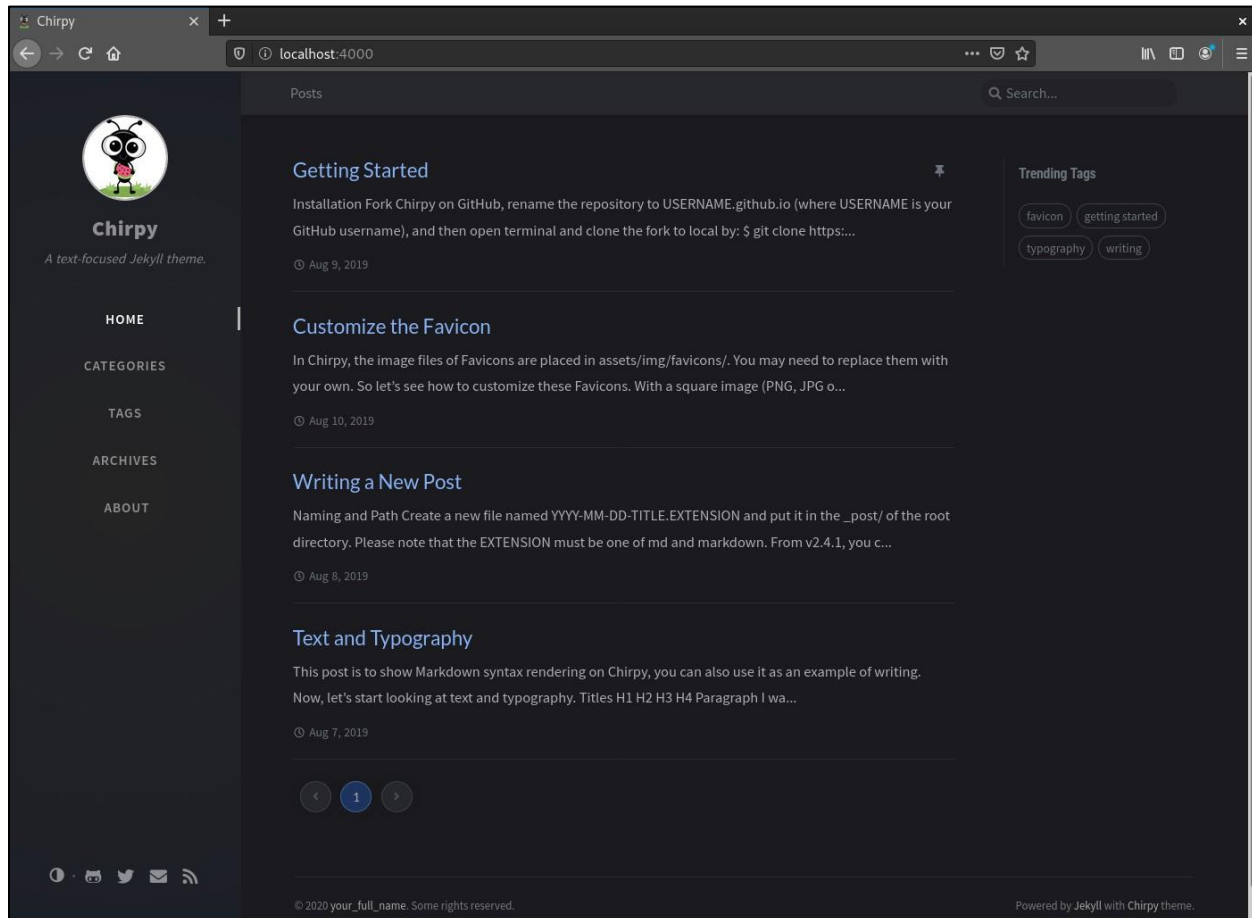Screenshot of my client-side website deployed on our server:

Screenshot my themed Jekyll site:

2.

We were able to complete:

- Installing the ngix web server and checking if it works

- Deploying our individual client-side website to our server and checking if it works

- Setting up git (creating repository, adding collaborators, learning git commands, and seeing how to resolve conflicts with =========, >>>>>>>> and <<<<<<<<< within files)

- Installing Jekyll package then installing Jekyll bundler with the gems (individual)

- Creating a Jekyll site then checking if it works on my localhost:4000 (individual)

- Adding a theme to my Jekyll site (individual)

- One of my group members created a new Jekyll project for all of us to work on and edit

- We found a way to deploy our new Jekyll project to our server

3.

We are blocked at:

- Automatic deployment (a script that gets the current version of out Jekyll site through git, checks if there any changes, then deploys the project on to the server)

- Execute the script every 5 mins by using systemd

4.

For me, I would say our biggest challenge so far this week was trying to add and edit a theme on the Jekyll site. Also, when deploying the Jekyll site on our server, the layout of the theme we chose completely changed (as if it was corrupted or something)

5.

Commands for deploying my website:

1. cd /var/www/html/
2. mkdir /var/www/html/ebra
3. cd /var/www/html/ebra
4. scp /firstWebsite.zip debian@51.222.30.172:/var/www/html/ebra
5. sudo unzip firstWebsite.zip

Commands used for Git process:

1. git pull
2. git push (when me and my team member are working on different version of project (to create conflict))

*Went to file(s) that cause conflict then deleted ========, >>>>>>>> and <<<<<<<<

3. git push

Commands used for Jekyll process:

1. sudo apt-get install ruby-full build-essential zlib1g-dev
2. gem install jekyll bundler
3. jekyll new myStaticSite

    *downloaded website theme from jekyll site, then put that theme folder into my jekyll project folder

4. bundle exec jekyll serve (in jekyll-theme project directory, to see if the theme worked with localhost:4000)
5. cd jekyll-theme-chirpy/ (in server)
6. sudo bundle install (in server)
7. sudo bundle exec jekyll build (in server)