Objective

The objective of this workshop is to automate the installation of Code-Server on a server

Setup

a. Create a directory called `workshop02` in your course repository.
b. Read Step 1 and Step 2 of the following blog https://www.digitalocean.com/community/tutorials/how-to-set-up-the-code-server-cloud-ide-platform-on-ubuntu-20-04.

Workshop

Provision a Ubuntu server for this exercise. You can use Terraform or manually provision an instance on DigitalOcean's console.

Once you have provisioned, note the IP address, root user and SSH keys used. Use these information to create an inventory file, `inventory.yaml`.

Write a playbook that will use the `inventory.yaml` file to configure the server. The playbook should perform the following tasks

- Update the `/lib/systemd/system/code-server.service` file with the code server password; change the following line

  ```
  Environment=PASSWORD=__PLACEHOLDER__
  ```

  with the password, assuming that the password is `mypassword`

  ```
  Environment=PASSWORD="mypassword"
  ```

- Update the `/etc/nginx/sites-available/code-server.conf` file with the domain `code-<ipv4_address>.nip.io`; change the line with `server_name` to

```
server_name code-<ipv4_address>.nip.io;
```

- Use systemd module to restart `nginx` and `code-server` services. You must also perform a daemon reload viz. set `daemon_reload` to yes.

Test

Test your deployment by browsing to `http://<ip-address>`

Submission

When you have completed this workshop, commit your work to the repository.

The instructor will clone your repository at the end