1. Create a helm chart that deploys the following:

A kubernetes Deployment named **myweb** 

- which creates pods configured as such:
  - a main container named 'httpd' based on httpd image note: default html documents path is /usr/local/apache2/htdocs
    - wtih resource requests: cpu: 100m, memory: 50M

with resource limits: cpu: 200m, memory: 100M

an initContainer named 'generator' based on alpine
that runs "echo '<html> Welcome to Kubernetes </html>' > index.html"
so that this index.html is seen in default html doc path of the 'httpd'
container

File sharing will be done with the help of a volume named 'docroot'

- Expose the **myweb** deployment on port 80 and verify by accessing it with curl.
- 2. Commit the resulting Helm chart to a github repository
- 3. I the same github repo create a Github actions workflow that:
  - a. Spins up a tiny k3d/k3s cluster
  - b. Deploys the helm chart as a release to the cluster
  - Verifies that the deployment exposes the "Welcome to Kubernetes" message.
    - i. Exits with an appropriate status code if the message isn't displayed.
  - d. Spins down the cluster
- 4. Add a README.md file describing the solution.

Send me the URL of the github repo.