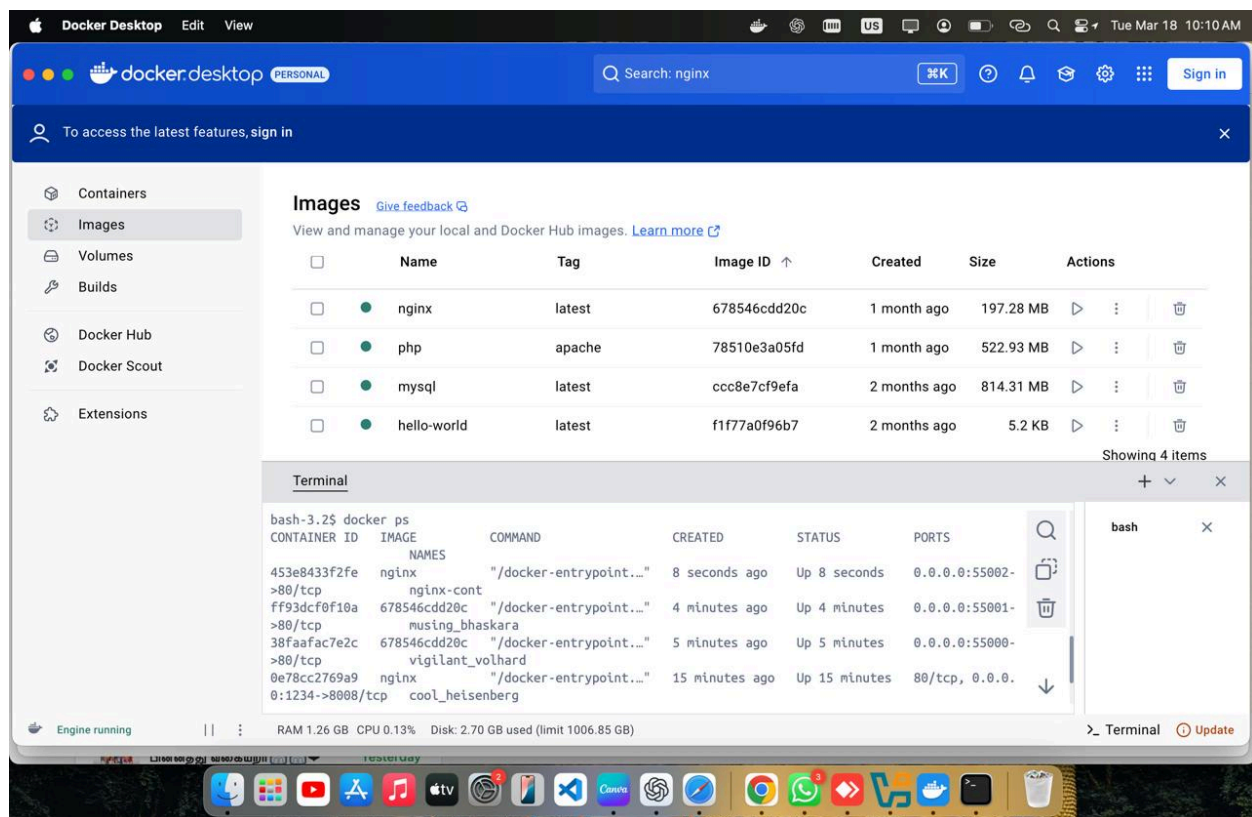


Devops class guvi (DAY-1)

Github link: https://github.com/RASWANTHSABARISH/devops_class_guvi.git

17 March 2025 (DAY-1)



Displays various downloaded Docker image **nginx**

Running Containers – The docker ps command reveals multiple **nginx** containers running with different names, ports, and uptime statuses.

```
Terminal Shell Edit View Window Help
raswanthsabarish - bash - 179x49

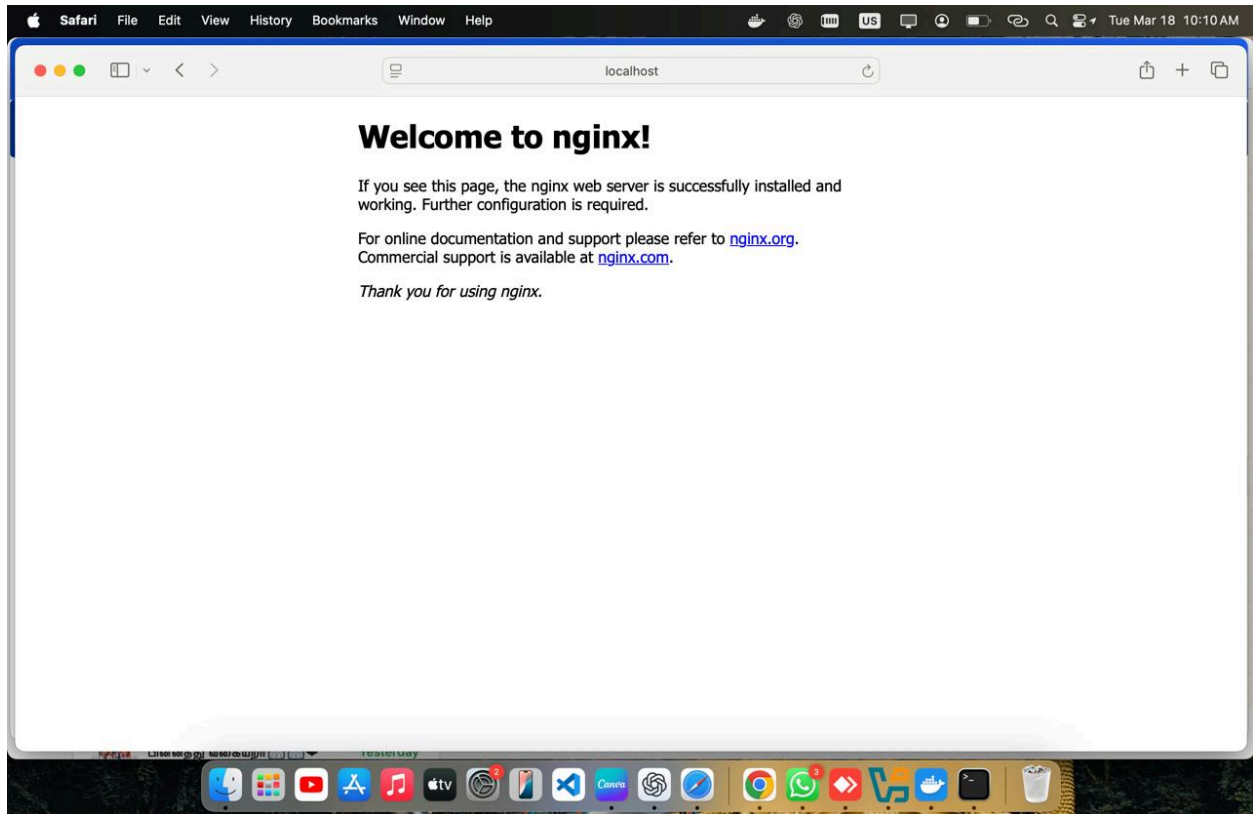
==> Installing jenkins dependency: little-cms2
==> Downloading https://ghcr.io/v2/homebrew/core/little-cms2/manifests/2.17
Already downloaded: /Users/raswanthsabarish/Library/Caches/Homebrew/downloads/0e5e5ac9e1df07ae001662a85a70b344b31345897c284172f14874c9d329cb85--little-cms2-2.17.bottle_manifest.js
on
==> Pouring little-cms2--2.17.arm64_sequoia.bottle.tar.gz
  /opt/homebrew/Cellar/little-cms2/2.17: 23 files, 1.4MB
==> Installing jenkins dependency: openjdk@21
==> Downloading https://ghcr.io/v2/homebrew/core/openjdk/21/manifests/21.0.6
Already downloaded: /Users/raswanthsabarish/Library/Caches/Homebrew/downloads/654d2d4f777dded9fa34075a3f8513ca3dc52c6cead784ee770c057595cd8b55--openjdk@21-21.0.6.bottle_manifest.j
son
==> Pouring openjdk@21--21.0.6.arm64_sequoia.bottle.tar.gz
  /opt/homebrew/Cellar/openjdk@21/21.0.6: 600 files, 330.2MB
==> Installing jenkins
==> Pouring jenkins--2.501.all.bottle.tar.gz
==> Caveats
Note: When using launchctl the port will be 8080.

To start jenkins now and restart at login:
  brew services start jenkins
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/jenkins/bin/jenkins --httpListenAddress=127.0.0.1 --httpPort=8080
==> Summary
  /opt/homebrew/Cellar/jenkins/2.501: 9 files, 90.9MB
==> Running 'brew cleanup jenkins'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
==> 'brew cleanup' has not been run in the last 30 days, running now...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
Removing: /opt/homebrew/Cellar/icu4c/74.2... (271 files, 77.9MB)
Removing: /Users/raswanthsabarish/Library/Caches/Homebrew/portable-ruby-3.3.6.arm64_big_sur.bottle.tar.gz... (11.2MB)
Pruned 0 symbolic links and 2 directories from /opt/homebrew
==> Caveats
jenkins
Note: When using launchctl the port will be 8080.

To start jenkins now and restart at login:
  brew services start jenkins
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/jenkins/bin/jenkins --httpListenAddress=127.0.0.1 --httpPort=8080
[Raswanths-MacBook-Air:~ raswanthsabarish$ brew services start jenkins
==> Successfully started 'jenkins' (label: homebrew.mxcl.jenkins)
Raswanths-MacBook-Air:~ raswanthsabarish$ brew services restart jenkins
Stopping 'jenkins'... (might take a while)
==> Successfully stopped 'jenkins' (label: homebrew.mxcl.jenkins)
==> Successfully started 'jenkins' (label: homebrew.mxcl.jenkins)
Raswanths-MacBook-Air:~ raswanthsabarish$ brew upgrade jenkins
Warning: jenkins 2.501 already installed
Raswanths-MacBook-Air:~ raswanthsabarish$
```

Jenkins Installation via Homebrew – Jenkins being installed using Homebrew, with dependencies like OpenJDK

start jenkins and brew services restart jenkins are used to manage the Jenkins background service, running on port **8080**.



Default **Nginx welcome page**, confirming that the containerized Nginx server is running properly.

The Nginx server is accessible at **localhost**, meaning it's correctly mapped from the container's port to the host system.

Day 1 concepts and learning:

I have executed several docker commands.

I have installed maven and used maven 5 min template code and converted to image and run the container in the docker hub.

Also learnt SDLC and Agile methodologies as well.