Exercise

Hosting a Basic Website with CSS, jQuery, and Bootstrap using Docker Desktop

```
Last login: Thu Apr 24 15:43:14 on ttys000
rahulkumar@Rahuls-MacBook-Air ~ % cd Desktop
rahulkumar@Rahuls-MacBook-Air Desktop % mkdir my-bootstrap-website
rahulkumar@Rahuls-MacBook-Air Desktop % cd my-bootstrap-website
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch index.html
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch styles.css
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch script.js
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch Dockerfile
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % docker build -t my-bootstrap-website .
[+] Building 3.2s (10/10) FINISHED                     docker:desktop-linux
 => [internal] load build definition from Dockerfile            0.0s
 => => transferring dockerfile: 773B                            0.0s
 => [internal] load metadata for docker.io/library/nginx:alpine 3.0s
 => [auth] library/nginx:pull token for registry-1.docker.io   0.0s
 => [internal] load .dockerignore                              0.0s
 => => transferring context: 2B                                0.0s
 => CACHED [1/4] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a06 0.0s
 => => resolve docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8 0.0s
 => [internal] load build context                             0.0s
 => => transferring context: 1.68kB                            0.0s
 => [2/4] COPY index.html /usr/share/nginx/html/               0.0s
 => [3/4] COPY styles.css /usr/share/nginx/html/               0.0s
 => [4/4] COPY script.js /usr/share/nginx/html/                0.0s
 => exporting to image                                         0.1s
 => => exporting layers                                        0.0s
 => => exporting manifest sha256:012cf9e1176e899d994b5454a4b0209c7f5969cd 0.0s
 => => exporting config sha256:92cf0b1cc51b308022c85e89bb1cfbd3e38800a8ba 0.0s
 => => exporting attestation manifest sha256:c6f8ba2d4be445cde36538c20033 0.0s
 => => exporting manifest list sha256:31056fe678d19c53f728f3b04d195e60802 0.0s
 => => naming to docker.io/library/my-bootstrap-website:latest  0.0s
 => => unpacking to docker.io/library/my-bootstrap-website:latest 0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/l8xwzf2bkl4h6p0jvkem6y3wb
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % docker run -d -p 8080:80 --name my-bootstrap-website-container my-bootstrap-website
7477baab03ee0fd25541baf5737eeae7864fb1f8d7a6e18edea0dabd69a88058
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website %
```
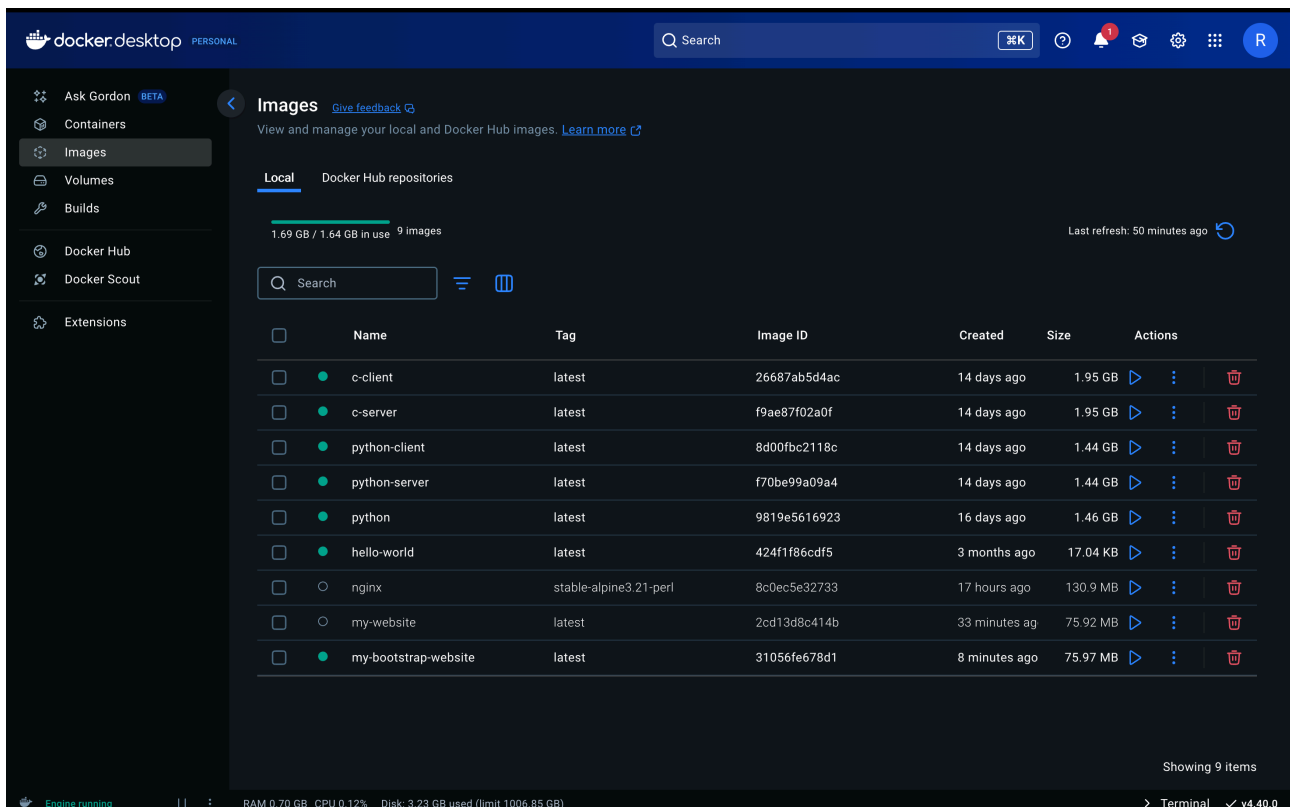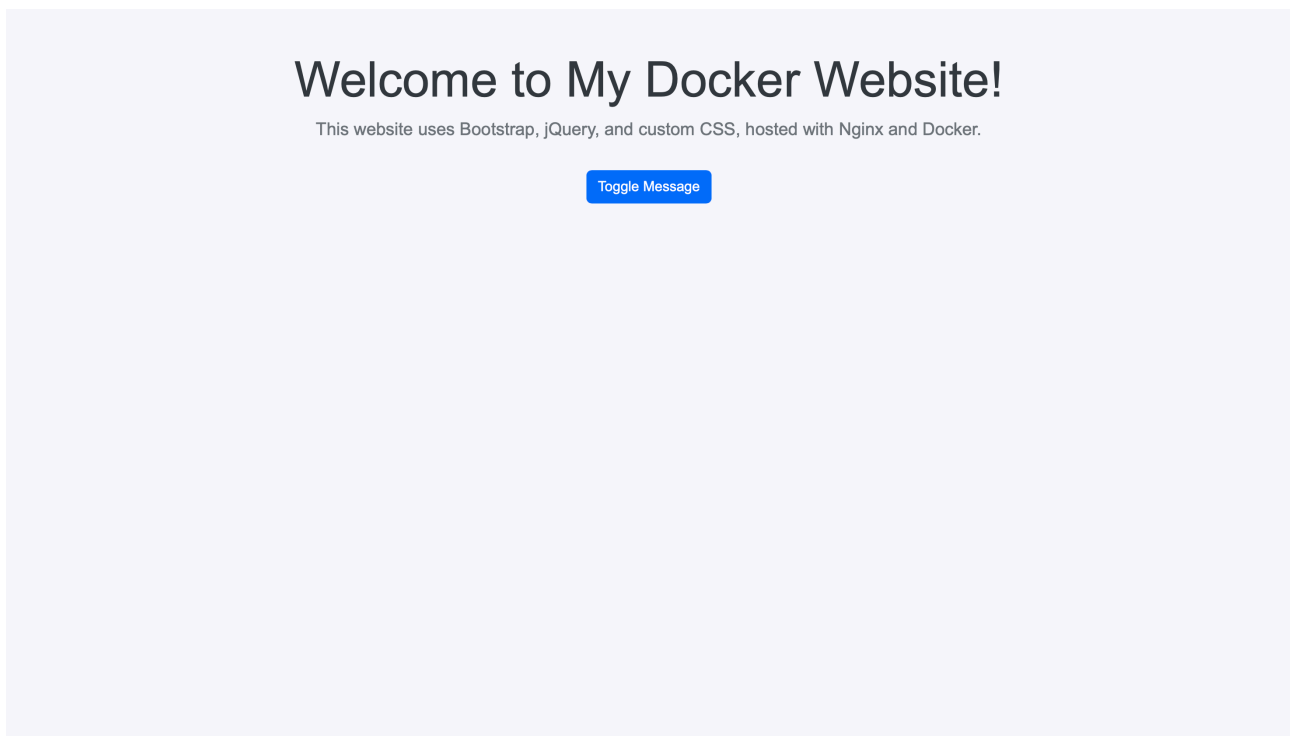
Containers in docker desktop

Images in docker desktop

Output:

After Using Toggle

Welcome to My Docker Website!

This website uses Bootstrap, jQuery, and custom CSS, hosted with Nginx and Docker.

Toggle Message

Hello! This message was toggled using jQuery.