CAPSTONE 1


```
PS C:\Users\HP\Desktop> cd .\my-website\
PS C:\Users\HP\Desktop\my-website> docker build -t my-website .
[+] Building 2.0s (8/8) FINISHED                                                          docker:desktop-linux
 => [internal] load build definition from Dockerfile                                                    0.0s
 => => transferring dockerfile: 342B                                                                    0.0s
 => [internal] load metadata for docker.io/library/nginx:alpine                                         2.0s
 => [auth] library/nginx:pull token for registry-1.docker.io                                            0.0s
 => [internal] load .dockerignore                                                                       0.0s
 => => transferring context: 2B                                                                         0.0s
 => [internal] load build context                                                                       0.0s
 => => transferring context: 32B                                                                        0.0s
 => [1/2] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f2a10    0.0s
 => CACHED [2/2] COPY index.html /usr/share/nginx/html/index.html                                       0.0s
 => exporting to image                                                                                  0.0s
 => => exporting layers                                                                                 0.0s
 => => writing image sha256:72ae2223627298edfe469921afbddd3cd8230c81d876c2e9deace9e4c721c7d7            0.0s
 => => naming to docker.io/library/my-website                                                           0.0s
PS C:\Users\HP\Desktop\my-website> |
```



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\HP\Desktop\my-website> docker run -d -p 8080:80 --name my-website-container my-website
f9ded6e0f00b1fcb5745b3ed44f0a80b732c9897299a31d314b28aa223b4cd59
PS C:\Users\HP\Desktop\my-website> |
```
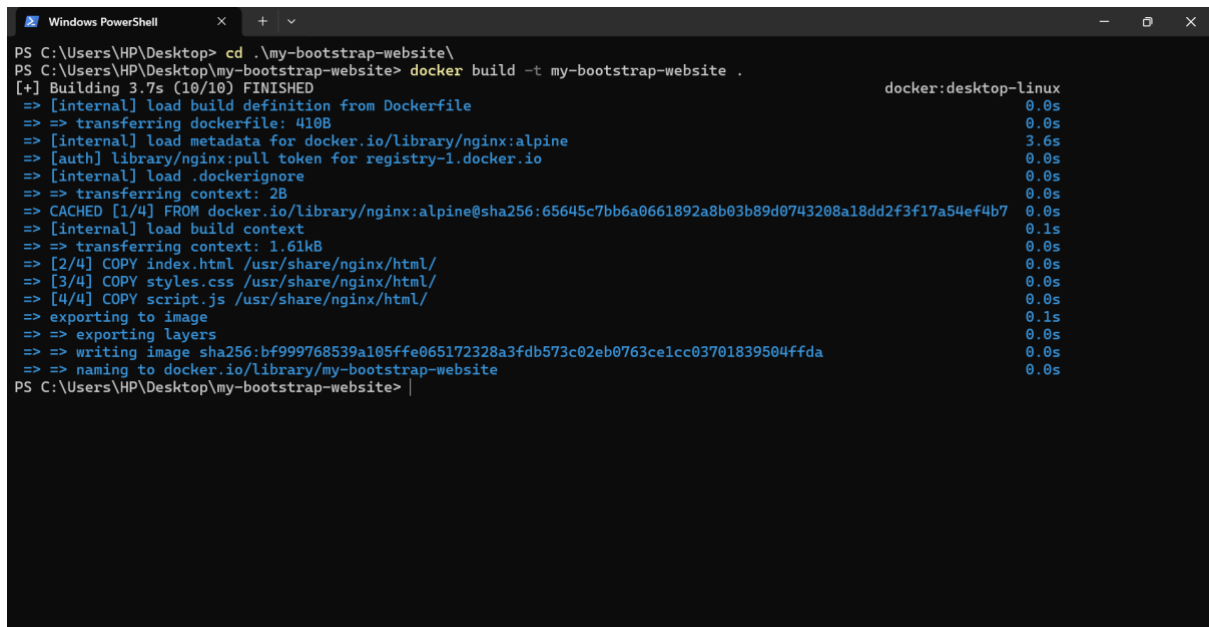
Docker Desktop – Images

		Name	Tag	Image ID	Created	Size	Actions
☐	●	my-bootstrap-website	latest	bf999768539a	45 minutes ag	48.24 MB	▷ ⋮ 🗑
☐	●	my-website	latest	72ae22236272	4 hours ago	48.23 MB	▷ ⋮ 🗑
☐	○	nginx	stable-alpine3.21-perl	774789808095	21 hours ago	86.57 MB	▷ ⋮ 🗑
☐	●	c-client	latest	09e14dd70ac6	14 days ago	1.42 GB	▷ ⋮ 🗑
☐	●	c-server	latest	b75c36e1e368	14 days ago	1.42 GB	▷ ⋮ 🗑

Showing 10 items
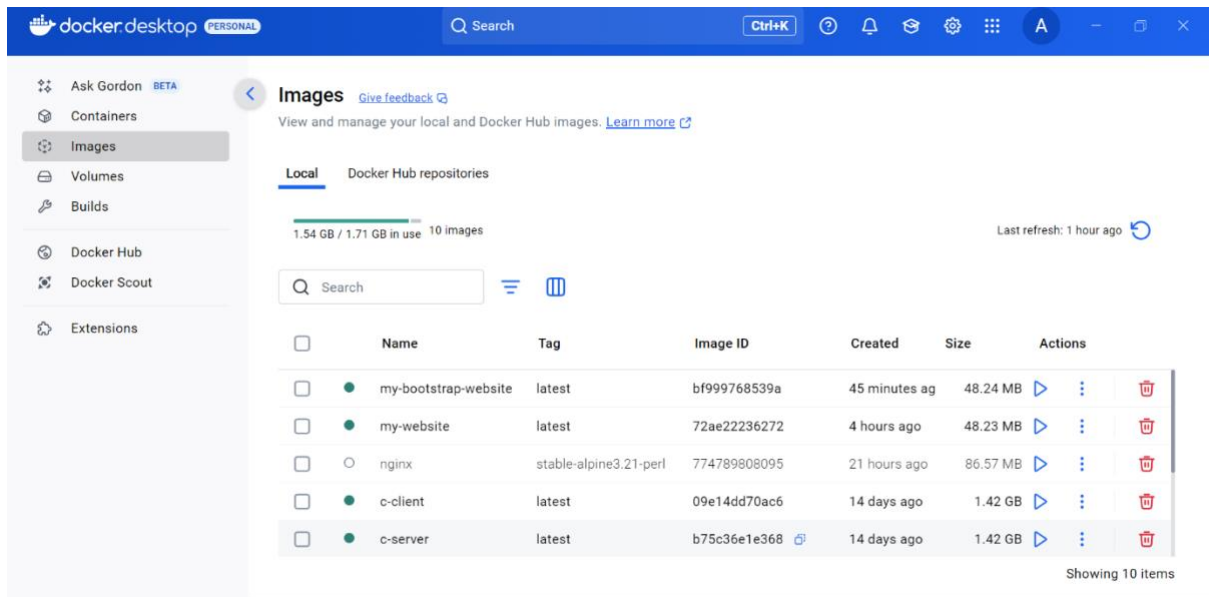
Welcome to My Docker Website!

This is a simple static website hosted using Nginx and Docker.


```
PS C:\Users\HP\Desktop> cd .\my-bootstrap-website\
PS C:\Users\HP\Desktop\my-bootstrap-website> docker build -t my-bootstrap-website .
[+] Building 3.7s (10/10) FINISHED                                          docker:desktop-linux
 => [internal] load build definition from Dockerfile                                        0.0s
 => => transferring dockerfile: 410B                                                        0.0s
 => [internal] load metadata for docker.io/library/nginx:alpine                             3.6s
 => [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@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b7  0.0s
 => [internal] load build context                                                           0.1s
 => => transferring context: 1.61kB                                                         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
 => => writing image sha256:bf999768539a105ffe065172328a3fdb573c02eb0763ce1cc03701839504ffda  0.0s
 => => naming to docker.io/library/my-bootstrap-website                                     0.0s
PS C:\Users\HP\Desktop\my-bootstrap-website>
```

docker desktop `PERSONAL`   Q Search   Ctrl+K   ⑦ 🔔 ◈ ⚙ ⦂⦂⦂ A — ▢ ✕

Containers Give feedback ⟲

View all your running containers and applications. Learn more ⧉

Container CPU usage ⓘ   Container memory usage ⓘ   Show charts

No containers are running.   No containers are running.

		Name	Container ID	Image	Port(s)	CPU (%)	Last sta	Actions
☐	○	my-bootstrap-w	1fafb6000301	my-bootstr	8080:80	N/A	5 minute	▷ ⋮ 🗑
☐	○	intelligent_jennir	8ac1429e82a8	alpine:lates		N/A	4 hours ʒ	▷ ⋮ 🗑
☐	○	client-run-07d1e	ffc20b8d7b19	c-client		N/A	14 days	▷ ⋮ 🗑
☐	○	server-run-de17ʒ	4b37ab0ccb65	c-server		N/A	14 days	▷ ⋮ 🗑
☐ ❯	○	c	-	-	-	N/A	14 days	▷ ⋮ 🗑
☐ ❯	○	python	-	-	-	N/A	14 days	▷ ⋮ 🗑

Showing 6 items

🐳 Engine running ‖ ⋮   RAM 2.12 GB CPU 0.00%   Disk: 2.83 GB used (limit 1006.85 GB)   >_ Terminal ✓ v4.40.0

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\HP\Desktop\my-bootstrap-website> docker run -d -p 8080:80 --name my-bootstrap-website-container my-bootstrap-website
1fafb60003019932fa83802dc51ebcbab30eaf1fd3bf60da102044bcbf96ebe4
PS C:\Users\HP\Desktop\my-bootstrap-website> |

---

docker desktop `PERSONAL`   Q Search   Ctrl+K   ⑦ 🔔 ◈ ⚙ ⦂⦂⦂ A — ▢ ✕

Images Give feedback ⟲

View and manage your local and Docker Hub images. Learn more ⧉

Local   Docker Hub repositories

1.54 GB / 1.71 GB in use 10 images   Last refresh: 1 hour ago ↻

		Name	Tag	Image ID	Created	Size	Actions
☐	●	my-bootstrap-website	latest	bf999768539a	44 minutes ag	48.24 MB	▷ ⋮ 🗑
☐	○	my-website	latest	72ae22236272	4 hours ago	48.23 MB	▷ ⋮ 🗑
☐	○	nginx	stable-alpine3.21-perl	774789808095	21 hours ago	86.57 MB	▷ ⋮ 🗑
☐	●	c-client	latest	09e14dd70ac6	14 days ago	1.42 GB	▷ ⋮ 🗑
☐	●	c-server	latest	b75c36e1e368	14 days ago	1.42 GB	▷ ⋮ 🗑

Showing 10 items

🐳 Engine running ‖ ⋮   RAM 2.18 GB CPU 0.42%   Disk: 2.83 GB used (limit 1006.85 GB)   >_ Terminal ✓ v4.40.0

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.

Name :ARUSHI PRIYA

Regd No: 2141016384