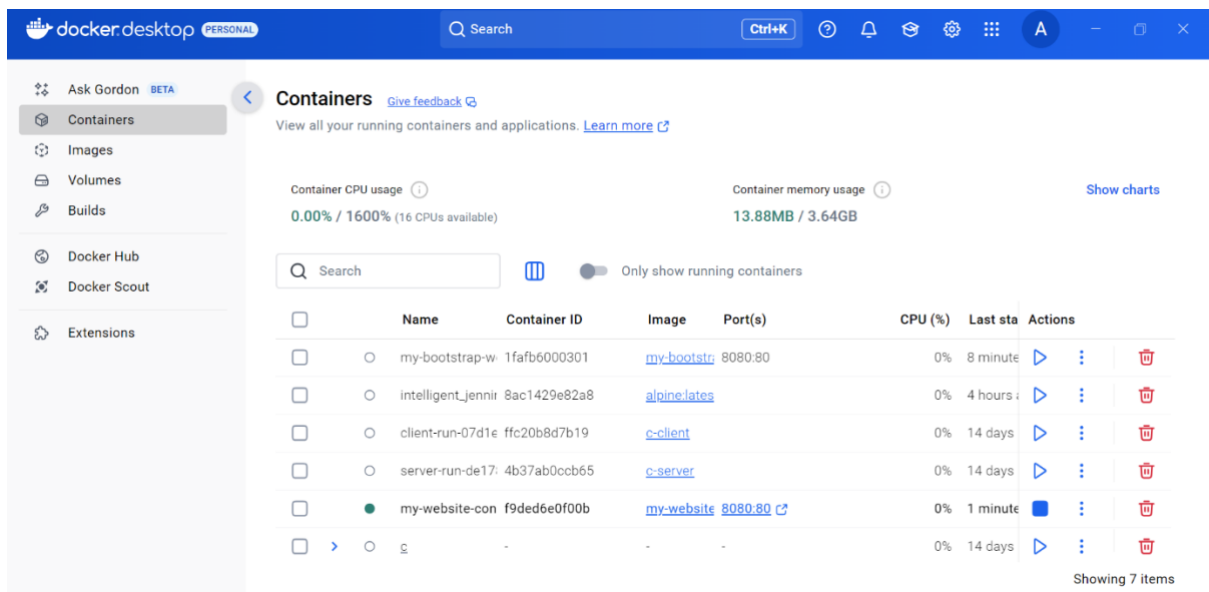


# CAPSTONE 1

## Hosting a basic website with Docker desktop

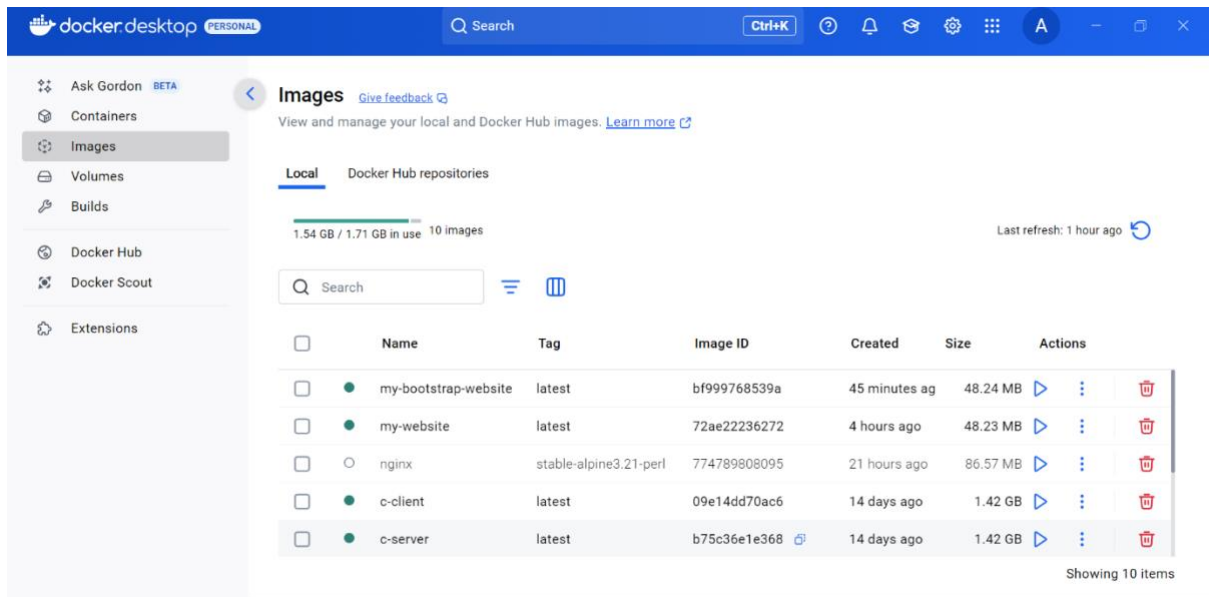
```
Windows PowerShell
PS C:\Users\HP\Desktop> cd .\my-website\
PS C:\Users\HP\Desktop\my-website> docker build -t my-website .
[+] Building 2.0s (8/8) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 342B
=> [internal] load metadata for docker.io/library/nginx:alpine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



## Welcome to My Docker Website!

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

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

```
Windows PowerShell
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
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 410B
=> [internal] load metadata for docker.io/library/nginx:alpine
=> [auth] library/nginx:pull token for registry-1.docker.io
=> [internal] load .dockerignore
=> => transferring context: 2B
=> CACHED [1/4] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b7
=> [internal] load build context
=> => transferring context: 1.61kB
=> [2/4] COPY index.html /usr/share/nginx/html/
=> [3/4] COPY styles.css /usr/share/nginx/html/
=> [4/4] COPY script.js /usr/share/nginx/html/
=> exporting to image
=> => exporting layers
=> => writing image sha256:bf999768539a105ffe065172328a3fdb573c02eb0763ce1cc03701839504ffda
=> => naming to docker.io/library/my-bootstrap-website
PS C:\Users\HP\Desktop\my-bootstrap-website>
```

docker.desktopPERSONAL

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Containers

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View all your running containers and applications. [Learn more](#)

Container CPU usage

No containers are running.

Container memory usage

No containers are running.

Show charts

Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last sta	Actions
<input type="checkbox"/>	my-bootstrap-w	1fafb6000301	my-bootstrap	8080:80	N/A	5 minute	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	intelligent_jennir	8ac1429e82a8	alpine/ates		N/A	4 hours :	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	client-run-07d1e	ffc20b8d7b19	c-client		N/A	14 days	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	server-run-de17	4b37ab0ccb65	c-server		N/A	14 days	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	c	-	-	-	N/A	14 days	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	python	-	-	-	N/A	14 days	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>

Showing 6 items

Engine runningRAM 2.12 GB CPU 0.00% Disk: 2.83 GB used (limit 1006.85 GB)Terminalv4.40.0

```
Windows PowerShell
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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.desktopPERSONAL

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Local

Docker Hub repositories

1.54 GB / 1.71 GB in use 10 images

Last refresh: 1 hour ago

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	my-bootstrap-website	latest	bf999768539a	44 minutes ag	48.24 MB	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	my-website	latest	72ae22236272	4 hours ago	48.23 MB	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	nginx	stable-alpine3.21-perl	774789808095	21 hours ago	86.57 MB	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	c-client	latest	09e14dd70ac6	14 days ago	1.42 GB	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>
<input type="checkbox"/>	c-server	latest	b75c36e1e368	14 days ago	1.42 GB	<a href="#">▶</a> <a href="#">⋮</a> <a href="#">🗑</a>

Showing 10 items

Engine runningRAM 2.18 GB CPU 0.42% Disk: 2.83 GB used (limit 1006.85 GB)Terminalv4.40.0

---

# 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**