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Exercise

1. 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\OneDrive\Desktop\my-website> docker build -t my-website .
[+] Building 3.5s (8/8) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 341B
=> [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: 510B
=> [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:b30177a8941740a9abf3cef56e23cea3ed6d40a6bdb898c2f5086f487cf64d1
=> => naming to docker.io/library/my-website

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/ke76za7teo7lmnekxxoj6ghdb
PS C:\Users\HP\OneDrive\Desktop\my-website> docker run -d -p 8080:80 --name my-website-container my-website
61a8eee049d97f81649778f4228228fec2f763b1d62d412e2020593961b8a876c
PS C:\Users\HP\OneDrive\Desktop\my-website>
```

docker:desktop-linux
0.0s
0.0s
3.4s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/ke76za7teo7lmnekxxoj6ghdb
PS C:\Users\HP\OneDrive\Desktop\my-website> docker run -d -p 8080:80 --name my-website-container my-website
61a8eee049d97f81649778f4228228fec2f763b1d62d412e2020593961b8a876c
PS C:\Users\HP\OneDrive\Desktop\my-website>

docker:desktop PERSONAL

Containers Give feedback

View all your running containers and applications. Learn more

Container CPU usage 0.00% / 1200% (12 CPUs available)

Container memory usage 11.89MB / 3.64GB

Show charts

Search

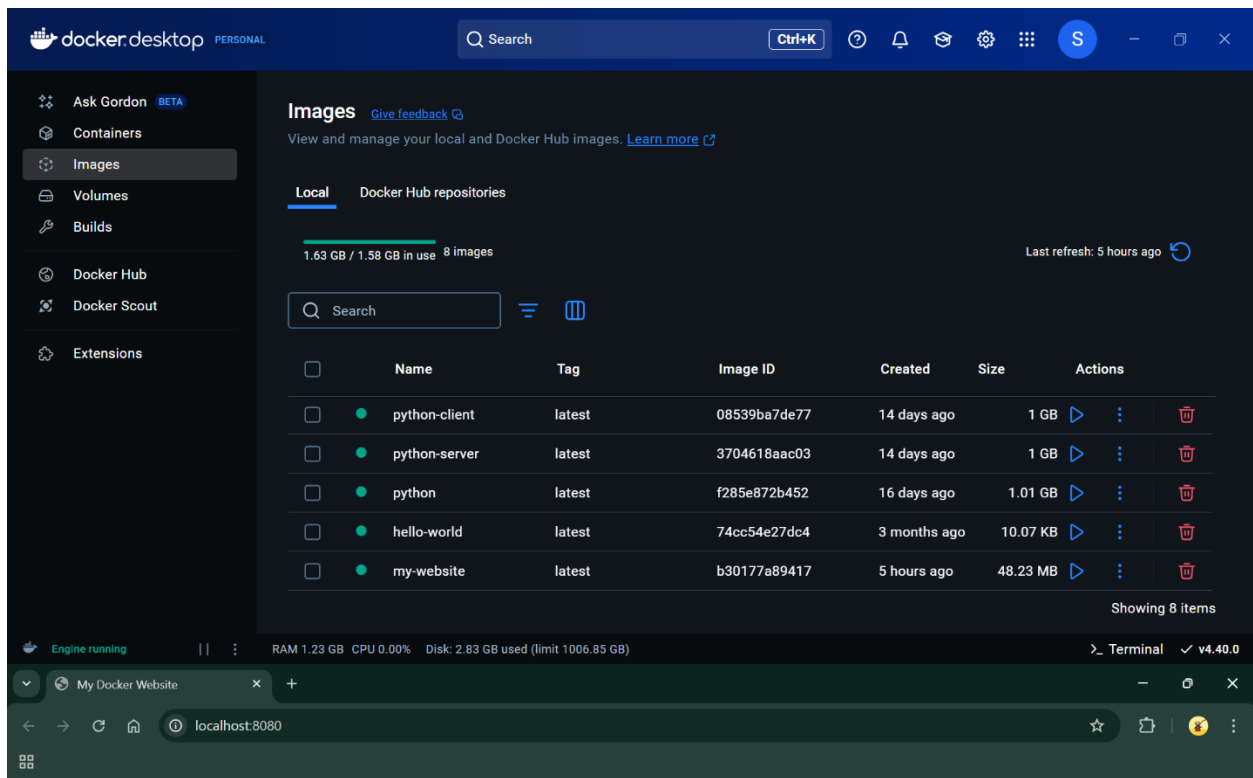
Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last sta	Actions
<input type="checkbox"/>	server-run-7629	80fac68ae288	c_server		0%	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	stupefied_lalanc	3f986209f8b2	hello-world		0%	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	compassionate_c6f2b1261fa6	python_late			0%	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	my-website-con	61a8eee049d9	my-website	8080:80	0%	34 seconds	▶ ⋮ 🗑
<input type="checkbox"/>	g	-	-	-	0%	14 days	▶ ⋮ 🗑
<input type="checkbox"/>	python	-	-	-	0%	14 days	▶ ⋮ 🗑

Showing 8 items

Engine running RAM 1.24 GB CPU 0.75% Disk: 2.83 GB used (limit 1006.85 GB)

Terminal v4.40.0



Welcome to My Docker Website!

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

2. My-Bootstrap-Website:

```
Windows PowerShell
3 | # Copy website files to the Nginx HTML directory
4 | COPY index.html /usr/share/nginx/html/
5 | >>> COPY styles.css /usr/share/nginx/html/
6 | COPY script.js /usr/share/nginx/html/
7 | # Expose port 80 for the web server

-----
ERROR: failed to solve: failed to compute cache key: failed to calculate checksum of ref 0272b744-e1ac-4d14-8e14-879afb0bf4f::164ru0
vaujxgvpwfd6fi9xgbw: "/styles.css": not found

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/r017kc6k0lu83j6lcschwvpoy3
PS C:\Users\HP\OneDrive\Desktop\my-bootstrap-website> docker build -t my-bootstrap-website .
[+] Building 1.9s (9/9) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 400B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine  1.4s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> CACHED [1/4] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8b03b89d0743208a18dd2f3f17a54ef4b76fb8e2f2a10 0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 224B                                   0.0s
=> [2/4] COPY index.html /usr/share/nginx/html/                 0.0s
=> [3/4] COPY styles.css /usr/share/nginx/html/                 0.1s
=> [4/4] COPY script.js /usr/share/nginx/html/                 0.1s
=> exporting to image                                           0.2s
=> => exporting layers                                           0.1s
=> => writing image sha256:5af8732f26dc6744dce843423bccd1123e8ced312dd12cbb73ecbcf00f5870d3 0.0s
=> => naming to docker.io/library/my-bootstrap-website         0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/4paje9ts10ql9xgw29ujumfiv
PS C:\Users\HP\OneDrive\Desktop\my-bootstrap-website> docker run -d -p 8080:80 --name my-bootstrap-website-container my-bootstrap-website
f28ac28bec9287e1a698945b01bf9530e76833969ee1bf515e8190b05c2d1a85
PS C:\Users\HP\OneDrive\Desktop\my-bootstrap-website>
```

docker.desktop PERSONAL

Search Ctrl+K

Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images Give feedback

View and manage your local and Docker Hub images. [Learn more](#)

Local Docker Hub repositories

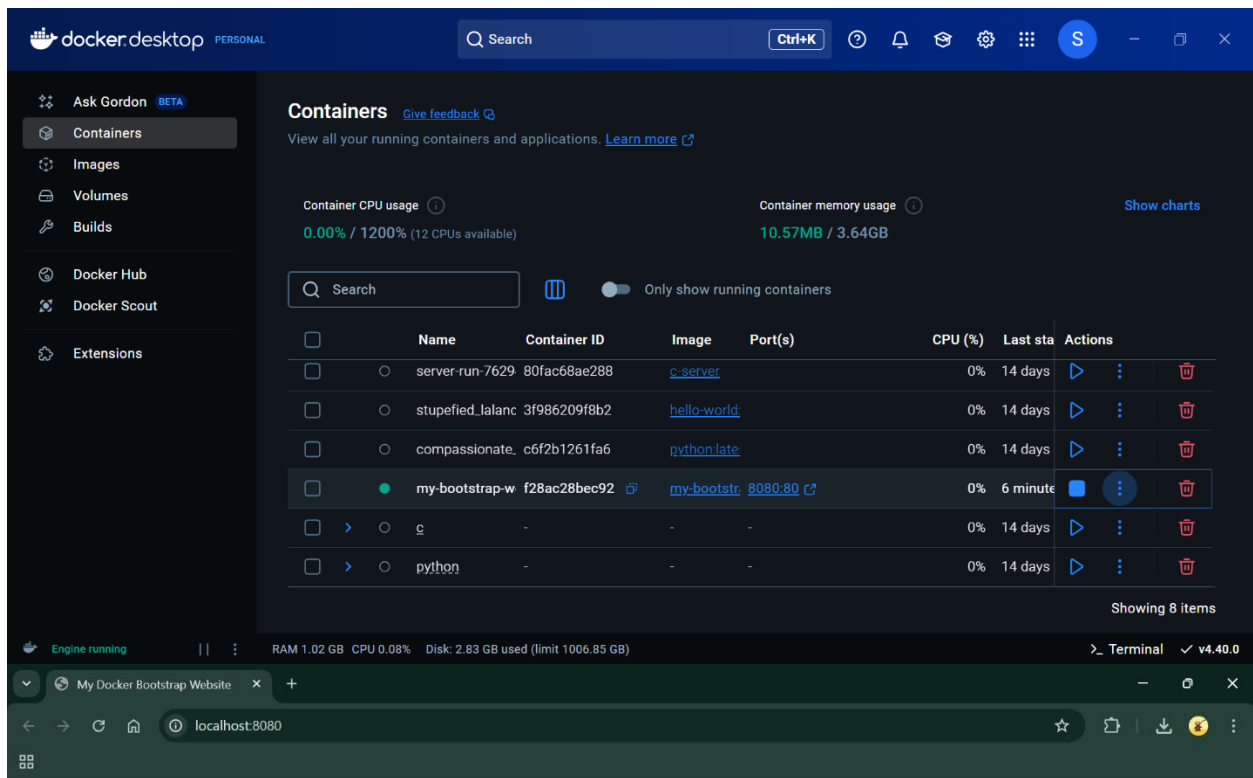
1.63 GB / 1.58 GB in use 8 Images Last refresh: 53 minutes ago

Search

	Name	Tag	Image ID	Created	Size	Actions
<input type="checkbox"/>	python-server	latest	3704618aac03	14 days ago	1 GB	▶ ⋮ 🗑️
<input type="checkbox"/>	python	latest	f285e872b452	16 days ago	1.01 GB	▶ ⋮ 🗑️
<input type="checkbox"/>	hello-world	latest	74cc54e27dc4	3 months ago	10.07 KB	▶ ⋮ 🗑️
<input type="checkbox"/>	nginx	stable-alpine3.21-perl	774789808095	17 hours ago	86.57 MB	▶ ⋮ 🗑️
<input type="checkbox"/>	my-bootstrap-website	latest	5af8732f26dc	6 minutes ago	48.24 MB	▶ ⋮ 🗑️

Showing 8 items

Engine running | RAM 1.01 GB CPU 0.33% 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](#)



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.