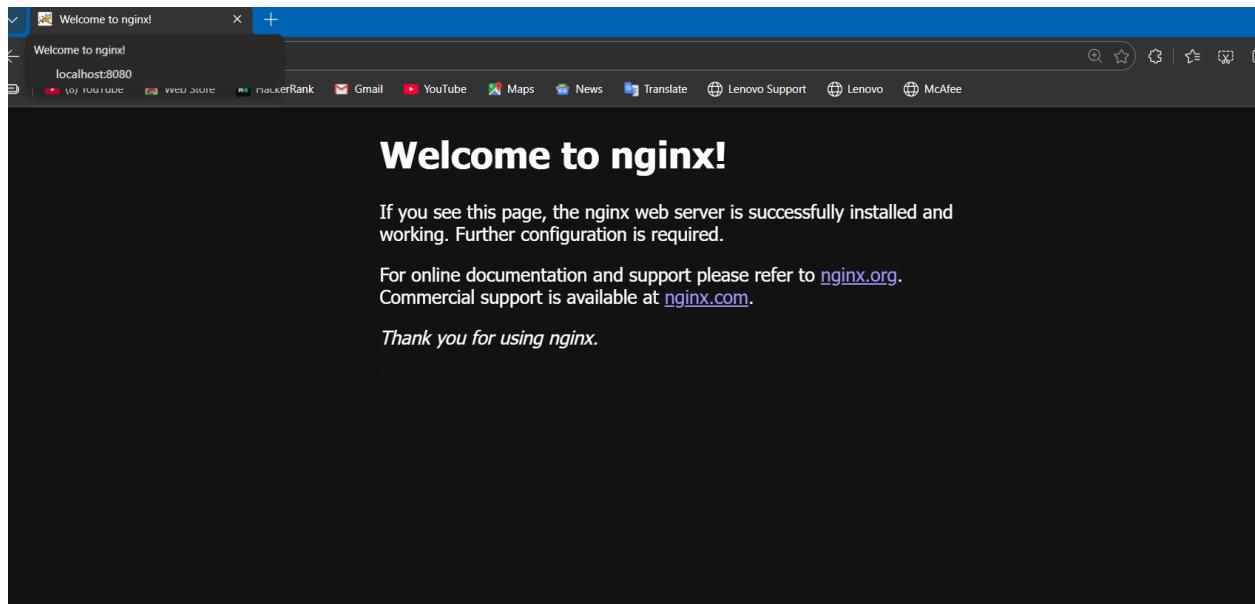
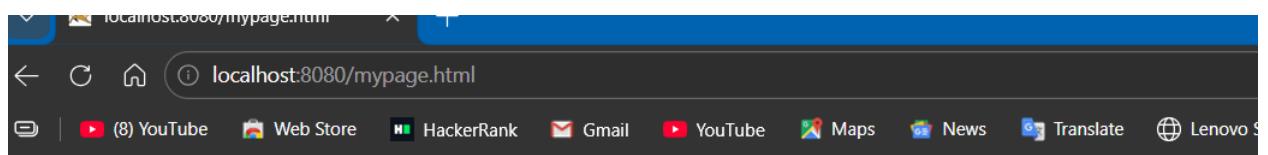


Docker Practise 2 – Steps Performed

- 1 Pulled Alpine Linux image using docker pull alpine:latest
- 2 Verified Alpine image availability locally
- 3 Created and started a container using docker run -it --name alpine-php alpine /bin/sh
- 4 Updated Alpine package repository using apk update
- 5 Installed PHP inside Alpine container using apk add php
- 6 Observed installation of PHP dependencies and libraries
- 7 Verified PHP installation using php -v command
- 8 Confirmed successful PHP setup inside Alpine container
- 9 Exited from the Alpine container

Screenshots





Hello Rohan දිංචේ

The screenshot shows the Docker Desktop application interface. The left sidebar has a dark theme with white icons and text. The 'Images' option is selected, highlighted with a blue border. The main area has a dark header bar with a search field and several status icons.

Images [Give feedback](#)

Local My Hub

2.31 GB / 3.59 GB in use 14 images

Search

	Name	Tag	Image ID	Created	Size
b8183235be32	mongo	"docker-entrypoint.s..."	4 weeks ago	Exited (0) 4 weeks ago	
05d0fdfe256f	mongo	"docker-entrypoint.s..."	4 weeks ago	Exited (0) 4 weeks ago	
	bold_chaum				
	PS C:\Users\satis\int331>	docker start -ai a44f8c07fdea			
	root@a44f8c07fdea:	# cat hello.txt			
	first docker practise				
	root@a44f8c07fdea:	# exit			
	exit				
	PS C:\Users\satis\int331> cd..				
	PS C:\Users\satis>	docker run -d -p 8080:80 --name mynginx nginx			
	ba0983df59a377bb27a93d0ba071e86afa56f0dd2617b5aa5581093aaa9ac87				

Terminal

```
b8183235be32 mongo      "docker-entrypoint.s..."  4 weeks ago    Exited (0) 4 weeks ago
05d0fdfe256f mongo      "docker-entrypoint.s..."  4 weeks ago    Exited (0) 4 weeks ago
bold_chaum
PS C:\Users\satis\int331> docker start -ai a44f8c07fdea
root@a44f8c07fdea:
# cat hello.txt
first docker practise
root@a44f8c07fdea:
# exit
exit
PS C:\Users\satis\int331> cd..
PS C:\Users\satis> docker run -d -p 8080:80 --name mynginx nginx
ba0983df59a377bb27a93d0ba071e86afa56f0dd2617b5aa5581093aaa9ac87
```

Images Give feedback

Local My Hub

2.31 GB / 3.59 GB in use 14 images

Search

Terminal

	Name	Tag	Image ID	Created
b8183235be32	mongo	"docker-entrypoint.s..."	4 weeks ago	Exited (0) 4 weeks ago
05d0fdfe256f	mongo	"docker-entrypoint.s..."	4 weeks ago	Exited (0) 4 weeks ago
PS C:\Users\satis\int331>	docker start -ai a44f8c07fdea			
root@a44f8c07fdea:/#	cat hello.txt			
first docker practise				
root@a44f8c07fdea:/# exit				
exit				
PS C:\Users\satis\int331> cd..				
PS C:\Users\satis>	docker run -d -p 8080:80 --name mynginx nginx			
ba0983df59a377bb27a93d0ba071c86afa56f0dd2617b5aa5581093aaa9ac87				
PS C:\Users\satis>	docker exec -it mynginx /bin/bash			
root@ba0983df59a3:/# ls				
bin dev	docker-entrypoint.sh	home lib64 mnt proc run srv tmp var		
boot docker-entrypoint.d etc		lib media opt root sbin sys usr		

The screenshot shows a Docker interface with the following layout:

- Left Sidebar:** Contains links for Containers, Images (selected), Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions.
- Top Bar:** Shows "Local" and "My Hub" tabs, disk usage (2.31 GB / 3.59 GB in use), and a count of 14 images.
- Image List:** A table with columns: Name, Tag, Image ID, Created, and Status (Delete). It lists three images:
 - b8183235bc32 mongo angry_sammet "docker-entrypoint.s..." 4 weeks ago Exited (0) 4 weeks ago
 - 05d0fdfe256f mongo bold_chaum "docker-entrypoint.s..." 4 weeks ago Exited (0) 4 weeks ago
 - PS C:\Users\satis\int331> docker start -ai a44f8c07fdea
- Terminal:** Displays a command-line session:

```
root@ba0983df59a3:/# cat hello.txt
first docker practise
root@ba0983df59a3:/# exit
exit
PS C:\Users\satis\int331> cd..
PS C:\Users\satis> docker run -d -p 8080:80 --name mynginx nginx
ba0983df59a377bb27a93d0ba071e86afa56f0dad2617b5aa5581093aaa9ac87
PS C:\Users\satis> docker exec -it mynginx /bin/bash
root@ba0983df59a3:/# ls
bin dev docker-entrypoint.sh home lib64 mnt proc run srv tmp var
boot docker-entrypoint.d etc lib media opt root sbin sys usr
root@ba0983df59a3:/# cd /usr/share/nginx/html
root@ba0983df59a3:/usr/share/nginx/html# ls
50x.html index.html
```

The screenshot shows a Docker interface with the following layout:

- Left Sidebar:** Contains links for Containers, Images (selected), Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions.
- Top Header:** Shows "Local My Hub", "2.31 GB / 3.59 GB in use 14 images", and a "Last refresh" timestamp.
- Image List:** A table with columns: Name, Tag, Image ID, Created, Size, and Actions (Delete, Space to be released). It lists 14 images, including "mongo" and "bold_chaum".
- Terminal:** A terminal window titled "Windows" showing a PowerShell session. The session starts with "PS C:\Users\satis\int331> cd..", then runs "docker start -ai a44f8c07fdea", and "cat hello.txt" which outputs "first docker practise". It then runs "root@ba0983df59a3:/# exit", "PS C:\Users\satis\int331> cd..", "PS C:\Users\satis> docker run -d -p 8080:80 --name mynginx nginx", and "root@ba0983df59a3:/# docker exec -it mynginx /bin/bash". Inside the container, it runs "ls", "cd /usr/share/nginx/html", "ls", "echo "<h1>Hello Rohan \360\237\232\200</h1>" > mypage.html", and "cat mypage.html" which outputs "<h1>Hello Rohan \237\232\200</h1>".

Local My Hub

2.31 GB / 3.59 GB in use 14 images Last refresh: 22 hours ago

Space to be reclaimed 858.2

Images Volumes Kubernetes Builds Models MCP Toolkit BETA

Docker Hub Docker Scout Extensions

Terminal

```
b8183235be32 mongo      "docker-entrypoint.s..."  4 weeks ago     Exited (0) 4 weeks ago
05d0fdfe256f mongo      "docker-entrypoint.s..."  4 weeks ago     Exited (0) 4 weeks ago
bold_chaum
PS C:\Users\satis\int331> docker start -ai a44f8c07fdea
root@444f8c07fdea:/# cat hello.txt
first docker practise
root@444f8c07fdea:/# exit
exit
PS C:\Users\satis\int331> cd..
PS C:\Users\satis> docker run -d -p 8080:80 --name mynginx nginx
ba0983df59a377bb27a93d0ba071e86af56f0dad2617b5aa5581093aaa9ac87
PS C:\Users\satis> docker exec -it mynginx /bin/bash
root@ba0983df59a3:/# ls
bin dev docker-entrypoint.sh home lib64 mnt proc run srv tmp var
boot docker-entrypoint.d etc lib media opt root sbin sys usr
root@ba0983df59a3:/# cd /usr/share/nginx/html
root@ba0983df59a3:/usr/share/nginx/html# ls
50x.html index.html
root@ba0983df59a3:/usr/share/nginx/html# echo "<h1>Hello Rohan \360\237\232\200</h1>" > mypage.html
root@ba0983df59a3:/usr/share/nginx/html# cat mypage.html
<h1>Hello Rohan </h1>
root@ba0983df59a3:/usr/share/nginx/html# exit
exit
PS C:\Users\satis>
```

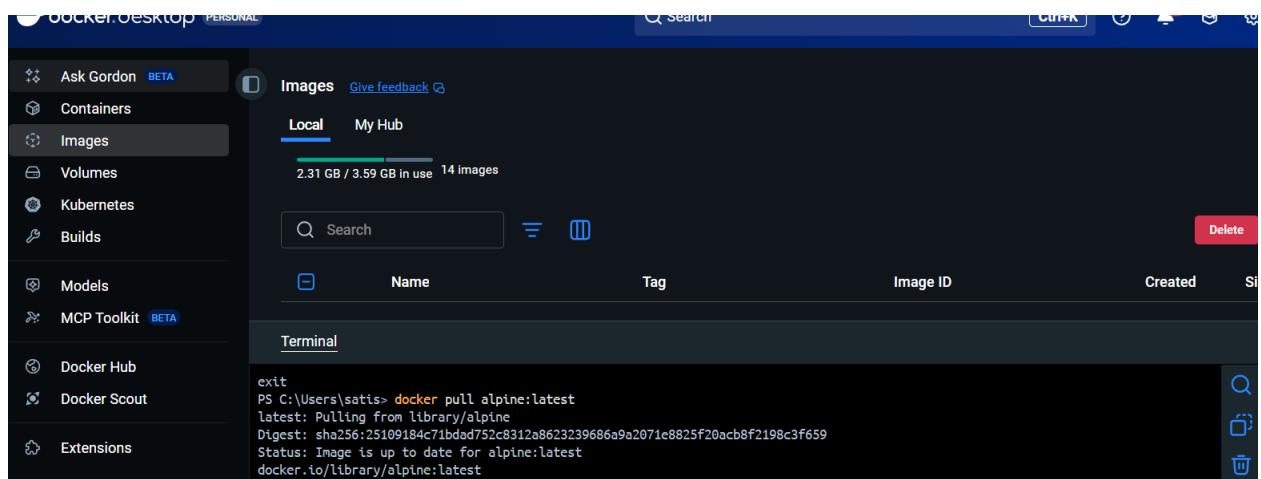
pine running RAM 0.84 GB CPU 0.00% Disk: 6.24 GB used (limit 1006.85 GB)

Windows PowerShell

↓

>_ Terminal ⚡ Update

This screenshot shows a Docker interface with a terminal session. The terminal output shows the creation of a Docker container named 'mynginx' from an Nginx image, and then entering the container's bash shell. Inside the container, the user creates a file named 'mypage.html' containing the text '<h1>Hello Rohan ŨíèÈ</h1>'. The Docker interface also displays system status at the bottom, including RAM usage, CPU usage, and disk usage.



The screenshot shows the Docker desktop application interface. On the left, a sidebar contains links: Ask Gordon (BETA), Containers, Images (selected), Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions. The main area has tabs for Local and My Hub, with Local selected. It shows 14 images using 2.31 GB of 3.59 GB. A search bar and filter icons are at the top. Below is a table with columns Name, Tag, and Image ID. A Terminal window is open, displaying the following command-line session:

```
Status: Image is up to date for alpine:latest
docker.io/library/alpine:latest
PS C:\Users\satis> docker run -it --name alpine-php alpine /bin/sh
/ # apk update
v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23/main]
v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23/community]
OK: 27573 distinct packages available
/ # apk add php
(1/9) Installing php84-common (8.4.17-r0)
(2/9) Installing argon2-libs (20190702-r5)
(3/9) Installing ncurses-terminfo-base (6.5_p20251123-r0)
(4/9) Installing libncursesw (6.5_p20251123-r0)
(5/9) Installing libedit (20251016.3.1-r0)
(6/9) Installing pcre2 (10.47-r0)
(7/9) Installing xz-libs (5.8.2-r0)
(8/9) Installing libxml2 (2.13.9-r0)
(9/9) Installing php84 (8.4.17-r0)
Executing busybox-1.37.0-r30.trigger
OK: 18.7 MiB in 25 packages
```

The screenshot shows a Docker interface with the 'Images' tab selected. On the left, a sidebar lists various tools and services: Volumes, Kubernetes, Builds, Models, MCP Toolkit (BETA), Docker Hub, Docker Scout, and Extensions. The main area displays 14 images, with 2.31 GB / 3.59 GB in use. A search bar and filter icons are at the top. Below is a table with columns for Name, Tag, and Image ID. A terminal window is open, showing the following command and output:

```
Status: Image is up to date for alpine:latest
docker.io/library/alpine:latest
PS C:\Users\satis> docker run -it --name alpine-php alpine /bin/sh
/ # apk update
v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23/main]
v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23/community]
OK: 27573 distinct packages available
/ # apk add php
(1/9) Installing php84-common (8.4.17-r0)
(2/9) Installing argon2-libs (20190702-r5)
(3/9) Installing ncurses-terminfo-base (6.5_p20251123-r0)
(4/9) Installing libncursesw (6.5_p20251123-r0)
(5/9) Installing libedit (20251016.3.1-r0)
(6/9) Installing pcre2 (10.47-r0)
(7/9) Installing xz-libs (5.8.2-r0)
(8/9) Installing libxml2 (2.13.9-r0)
(9/9) Installing php84 (8.4.17-r0)
Executing busybox-1.37.0-r30.trigger
OK: 18.7 MiB in 25 packages
/ # php -v
PHP 8.4.17 (cli) (built: Jan 20 2026 19:04:32) (NTS)
Copyright (c) The PHP Group
Built by Alpine Linux aports
```

- Kubernetes
- Builds

- Models
- MCP Toolkit BETA

- Docker Hub
- Docker Scout

- Extensions

≡ ☰

	Name	Tag
<u>Terminal</u>		
docker.io/library/alpine:latest PS C:\Users\satis> docker run -it --name alpine-php alpine /bin/sh / # apk update v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23 v3.23.3-188-g0ddab105b7f [https://dl-cdn.alpinelinux.org/alpine/v3.23 OK: 27573 distinct packages available / # apk add php (1/9) Installing php84-common (8.4.17-r0) (2/9) Installing argon2-libs (20190702-r5) (3/9) Installing ncurses-terminfo-base (6.5_p20251123-r0) (4/9) Installing libncursesw (6.5_p20251123-r0) (5/9) Installing libedit (20251016.3.1-r0) (6/9) Installing pcre2 (10.47-r0) (7/9) Installing xz-libs (5.8.2-r0) (8/9) Installing libxml2 (2.13.9-r0) (9/9) Installing php84 (8.4.17-r0) Executing busybox-1.37.0-r30.trigger OK: 18.7 MiB in 25 packages / # php -v PHP 8.4.17 (cli) (built: Jan 20 2026 19:04:32) (NTS) Copyright (c) The PHP Group Built by Alpine Linux aports Zend Engine v4.4.17, Copyright (c) Zend Technologies / # exit PS C:\Users\satis>		