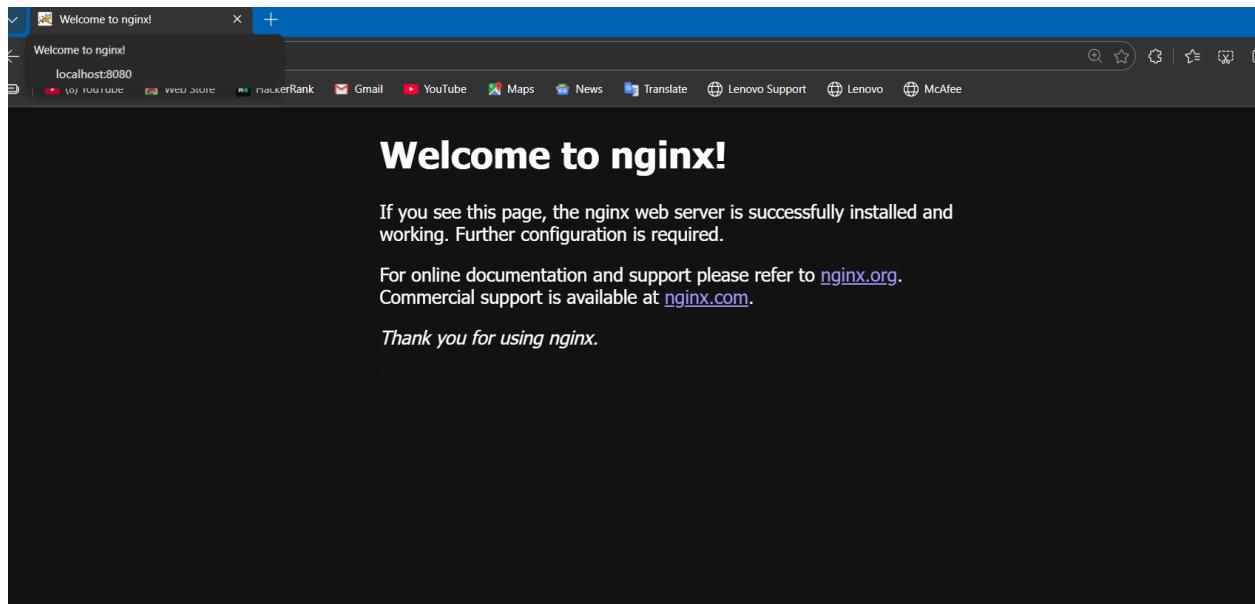
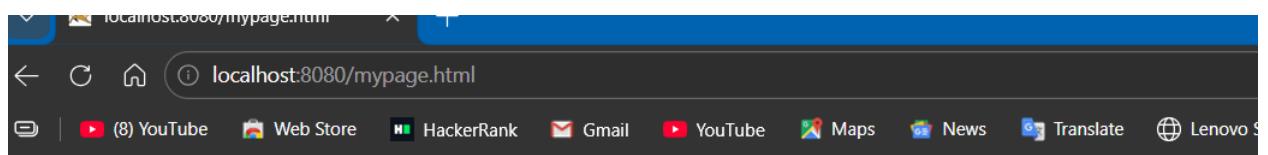


# Docker Practise 1 – Steps Performed

- 1 Pulled Ubuntu 20.04 image using docker pull ubuntu:20.04
- 2 Verified downloaded image using docker images
- 3 Started an interactive Ubuntu container using docker run -it ubuntu:20.04 /bin/bash
- 4 Created a file hello.txt inside the container
- 5 Wrote 'first docker practise' into hello.txt
- 6 Verified file content using cat hello.txt
- 7 Exited from the container
- 8 Started the stopped container using docker start -ai
- 9 Verified hello.txt file content again
- 10 Exited the container
- 11 Ran Nginx container in detached mode using docker run -d -p 8080:80 --name mynginx nginx
- 12 Mapped host port 8080 to container port 80
- 13 Opened browser and verified nginx default page on localhost:8080
- 14 Accessed running container using docker exec -it mynginx /bin/bash
- 15 Navigated to nginx html directory using cd /usr/share/nginx/html
- 16 Listed default nginx web files using ls
- 17 Created a custom HTML file mypage.html
- 18 Added heading Hello Rohan inside the HTML file
- 19 Verified file content using cat mypage.html
- 20 Accessed the custom page via browser localhost:8080/mypage.html

## 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			
ba0983df59a377bb27a93d0ba071ce86afa56f0dd2617b5aa5581093aaa9ac87				
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", and "echo "<h1>Hello Rohan \360\237\232\200</h1>" > mypage.html". Finally, it runs "cat mypage.html" which outputs "<h1>Hello Rohan \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

