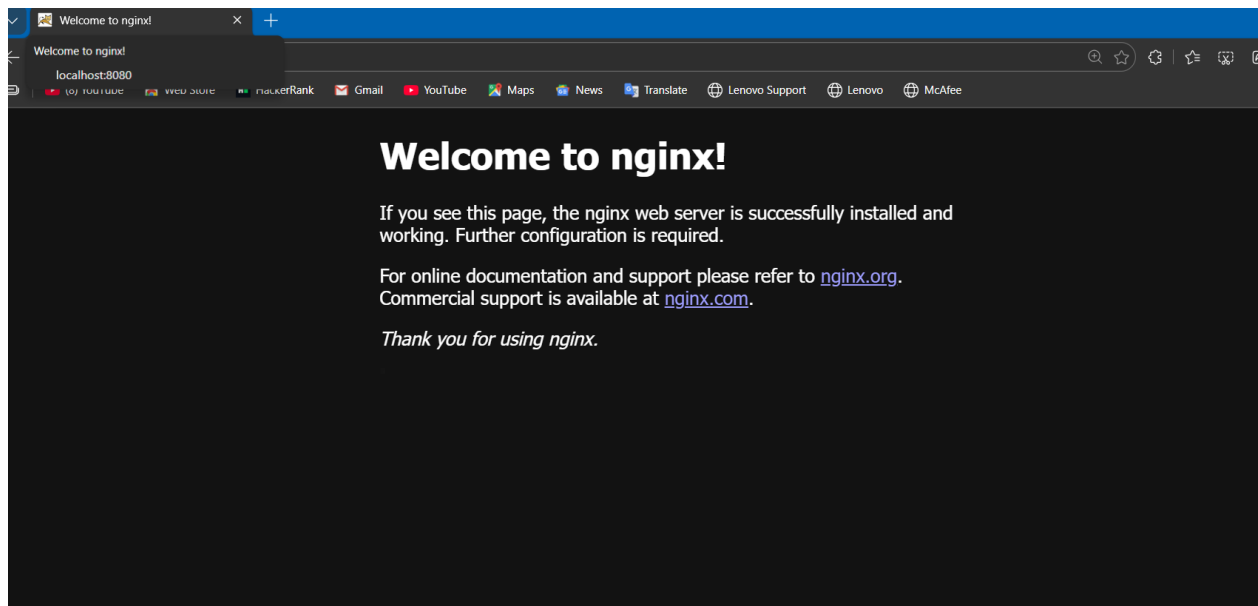
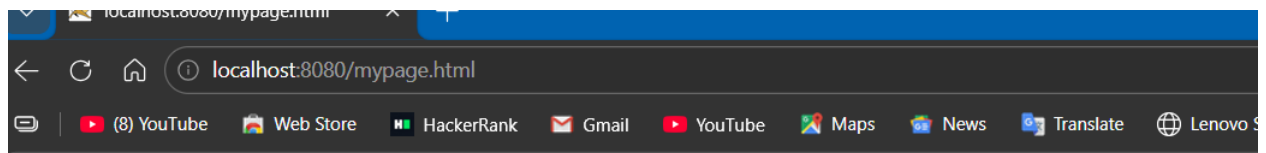


# Docker Practise 1 – Steps Performed

- 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

docker.desktopPERSONAL

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Delete

|  | Name  | Tag          | Image ID                 | Created     | Size                   |
|--|-------|--------------|--------------------------|-------------|------------------------|
| Terminal   |       |              |                          |             |                        |
| b8183235be32   | mongo |              | "docker-entrypoint.s..." | 4 weeks ago | Exited (0) 4 weeks ago |
| 05d0fdfe256f   | mongo | angry_sammet | "docker-entrypoint.s..." | 4 weeks ago | Exited (0) 4 weeks ago |
|  |       | bold_chaum   |                          |             |                        |
| PS C:\Users\satis\int331> docker start -at 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 |       |              |                          |             |                        |
| ba0983df59a377bb27a93d0ba071e86afa56f0dad2617b5aa5581093aaa9ac87 |       |              |                          |             |                        |

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Dele

|  | Name                | Tag                      | Image ID    | Created                |
|--|---------------------|--------------------------|-------------|------------------------|
| Terminal   |                     |                          |             |                        |
| b8183235be32   | mongo               |                          |             |                        |
|  | angry_sammet        | "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 |                     |                          |             |                        |
| ba0983df59a377bb27a93d0ba071e86afa56f0dad2617b5aa5581093aaa9ac87 |                     |                          |             |                        |
| PS C:\Users\satis> docker exec -it mynginx /bin/bash             |                     |                          |             |                        |
| root@ba0983df59a3:/# ls  |                     |                          |             |                        |
| bin  | dev                 | docker-entrypoint.sh     | home        | lib64                  |
| boot   | docker-entrypoint.d | etc                      | lib         | media                  |
|  |                     |                          | opt         | root                   |
|  |                     |                          | sbin        | sys                    |
|  |                     |                          | usr         |                        |

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Delete

|  | Name | Tag | Image ID | Created | S |
|--|------|-----|----------|---------|---|
|--|------|-----|----------|---------|---|

Terminal

b8183235be32mongoangry\_sammet"docker-entrypoint.s..."4 weeks agoExited (0) 4 weeks ago

05d0fdfe256fmongobold\_chaum"docker-entrypoint.s..."4 weeks agoExited (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

ba0983df59a377bb2a93d0ba071e86afa56f0dad2617b5aa5581093aaa9ac87

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

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DeleteSpace to be released

| Name         | Tag   | Image ID     | Created                  | Size        | Actions                |
|--------------|-------|--------------|--------------------------|-------------|------------------------|
| Terminal     |       |              |                          |             |                        |
| b8183235be32 | 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
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
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
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>
```

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DeleteSpace to be reclaimed 858.2

| Name  | Tag          | Image ID                 | Created     | Size                   | Actions |
|---|--------------|--------------------------|-------------|------------------------|---------|
| Terminal  |              |                          |             |                        |         |
| b8183235be32  | mongo        | "docker-entrypoint.s..." | 4 weeks ago | Exited (0) 4 weeks ago |         |
| 05d0fdfe256f  | angry_sammet | "docker-entrypoint.s..." | 4 weeks ago | Exited (0) 4 weeks ago |         |
| PS C:\Users\satis\int331> docker start -it a44f8c07fdea<br>root@a44f8c07fdea:/# cat hello.txt<br>first docker practise<br>root@a44f8c07fdea:/# exit<br>exit<br>PS C:\Users\satis\int331> cd..<br>PS C:\Users\satis> docker run -d -p 8080:80 --name mynginx nginx<br>ba0983df59a377bb27a93d0ba071e86afa56f0dad2617b5aa5581093aaa9ac87<br>PS C:\Users\satis> docker exec -it mynginx /bin/bash<br>root@ba0983df59a3:/# ls<br>bin dev docker-entrypoint.sh home lib64 mnt proc run srv tmp var<br>boot docker-entrypoint.d etc lib media opt root sbin sys usr<br>root@ba0983df59a3:/# cd /usr/share/nginx/html<br>root@ba0983df59a3:/usr/share/nginx/html# ls<br>50x.html index.html<br>root@ba0983df59a3:/usr/share/nginx/html# echo "<h1>Hello Rohan \360\237\232\200</h1>" > mypage.html<br>root@ba0983df59a3:/usr/share/nginx/html# cat mypage.html<br><h1>Hello Rohan /h1><br>root@ba0983df59a3:/usr/share/nginx/html# exit<br>exit<br>PS C:\Users\satis> |              |                          |             |                        |         |

Windows PowerShell

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

TerminalUpdate