Code -> Image -> Container:


```
=> => naming to docker.io/library/test:latest                                    0.0s
=> => unpacking to docker.io/library/test:latest                                 0.1s
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker images
REPOSITORY              TAG         IMAGE ID        CREATED         SIZE
test                    latest      a2d78f6f36ce    10 seconds ago  279MB
sruthir22cse/nginx      latest      54809b2f36d0    6 weeks ago     279MB
nginx                   latest      124b44bfc9cc    6 weeks ago     279MB
ubuntu                  latest      72297848456d    7 weeks ago     117MB
sruthir22cse/repo.dev   latest      72297848456d    7 weeks ago     117MB
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker run -itd -p 80:80 test
688b30875da9a32ecf75038587c32777a2c6f2c31721f2bebbbab6f1d4fb0736
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker ps
CONTAINER ID   IMAGE    COMMAND               CREATED          STATUS          PORTS                 NAMES
688b30875da9   test     "/docker-entrypoint.…"  26 seconds ago   Up 25 seconds   0.0.0.0:80->80/tcp    nice_chatelet
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker login

USING WEB-BASED LOGIN

ℹ Info → To sign in with credentials on the command line, use 'docker login -u <username>'


Your one-time device confirmation code is: NFWM-CNGQ
Press ENTER to open your browser or submit your device code here: https://login.docker.com/activate

Waiting for authentication in the browser…
^Clogin canceled
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker login -u sruthir22cse

ℹ Info → A Personal Access Token (PAT) can be used instead.
        To create a PAT, visit https://app.docker.com/settings


Password:
Error response from daemon: Get "https://registry-1.docker.io/v2/": unauthorized: incorrect username or password
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker login

USING WEB-BASED LOGIN

ℹ Info → To sign in with credentials on the command line, use 'docker login -u <username>'
```



```
Login Succeeded
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker push  sruthir22cse/frontend.dev:latest
The push refers to repository [docker.io/sruthir22cse/frontend.dev]
tag does not exist: sruthir22cse/frontend.dev:latest
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker push  sruthir22cse/code.dev:latest
The push refers to repository [docker.io/sruthir22cse/code.dev]
tag does not exist: sruthir22cse/code.dev:latest
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker push sruthir22cse/code.dev
Using default tag: latest
The push refers to repository [docker.io/sruthir22cse/code.dev]
tag does not exist: sruthir22cse/code.dev:latest
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker push sruthir22cse/code.dev:latest
The push refers to repository [docker.io/sruthir22cse/code.dev]
tag does not exist: sruthir22cse/code.dev:latest
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker images
REPOSITORY              TAG         IMAGE ID        CREATED         SIZE
test                    latest      a2d78f6f36ce    14 minutes ago  279MB
sruthir22cse/nginx      latest      54809b2f36d0    6 weeks ago     279MB
nginx                   latest      124b44bfc9cc    6 weeks ago     279MB
ubuntu                  latest      72297848456d    7 weeks ago     117MB
sruthir22cse/repo.dev   latest      72297848456d    7 weeks ago     117MB
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker tag test sruthir22cse/code.dev:latest
root@LAPTOP-FEGK3R6B:/home/sruthi/docker# docker push sruthir22cse/code.dev:latest
The push refers to repository [docker.io/sruthir22cse/code.dev]
22f4723bcccd: Pushed
a6e805c3a99a: Pushed
417c4bccf534: Mounted from sruthir22cse/nginx
97f5c0f51d43: Mounted from sruthir22cse/nginx
c22eb46e871a: Mounted from sruthir22cse/nginx
373fe654e984: Mounted from sruthir22cse/nginx
6e909acdb790: Mounted from sruthir22cse/nginx
e7e0ca015e55: Mounted from sruthir22cse/nginx
5eaa34f5b9c2: Mounted from sruthir22cse/nginx
latest: digest: sha256:a2d78f6f36cecb241801d112b639fceb7e1384808fad7282fa74a9b8ac44381d size: 856
root@LAPTOP-FEGK3R6B:/home/sruthi/docker#
```

Docker Desktop — Images

docker desktop PERSONAL

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294.09 MB / 87.62 MB in use   4 images

Last refresh: 21 hours ago

		Name	Tag	Image ID	Created	Size	Actions
☐	○	nginx	latest	124b44bfc9cc	1 month ago	278.63 MB	▷ ⋮ 🗑
☐	○	sruthir22cse/nginx	latest	54809b2f36d0	1 month ago	278.63 MB	▷ ⋮ 🗑
☐	●	test	latest	a2d78f6f36ce	20 minutes ag	278.66 MB	▷ ⋮ 🗑
☐	●	sruthir22cse/code.dev	latest	a2d78f6f36ce	20 minutes ag	278.66 MB	▷ ⋮ 🗑

Showing 6 items

Engine running   RAM 1.99 GB   CPU 0.00%   Disk: 2.58 GB used (limit 1006.85 GB)   Terminal   Update

29°C Sunny   ENG IN   10:57 20-03-2025

---

hub.docker.com/repository/docker/sruthir22cse/code.dev/tags/latest/sha256-18c9dec11499b4b868a8ec4c2cdd57a5daf99a4cfe61830947e0c4c0...

- Docker Personal
- Repositories
- Settings
  - Default privacy
  - Notifications
- Billing
- Usage
  - Pulls
  - Storage

sruthir22cse/code.dev:latest

Delete Tag

INDEX DIGEST   sha256:a2d78f6f36cecb241801d112b639fceb7e1384808fad7282fa74a9b8ac44381d

OS/ARCH	COMPRESSED SIZE	LAST PUSHED	TYPE	MANIFEST DIGEST
linux/amd64	68.82 MB	4 minutes by sruthir22cse	Image	sha256:18c9dec1...

Image Layers   Vulnerabilities

Image Layers ⓘ

```
1 # debian.sh --arch 'amd64' out/                        26.9 MB

2 LABEL maintainer=NGINX Docker Maintainers <do…      0 B

3 ENV NGINX_VERSION=1.27.4                              0 B

4 ENV NJS_VERSION=0.8.9                                 0 B

5 ENV NJS_RELEASE=1~bookworm                            0 B
```

Command

```
# debian.sh --arch 'amd64' out/ 'bookworm' '@1742169600'
```

29°C Sunny   ENG IN   10:58 20-03-2025