

01. Push the Redis images tagged as version 1 and 3 to your Docker Hub repository, named "yourname_cloudethix_redis."

```
root@Nilam:~# docker image pull redis
Using default tag: latest
latest: Pulling from library/redis
2f44b7a888fa: Already exists
c55535369ffc: Pull complete
3622841bf0aa: Pull complete
91a62ca7377a: Pull complete
fdd219d1f4ab: Pull complete
fdf07fe2fb4c: Pull complete
4f4fb700ef54: Pull complete
fba604e70bfe: Pull complete
Digest: sha256:b5ddcd52d425a8e354696c022f392fe45fca928f68d6289e6bb4a709c3a74668
Status: Downloaded newer image for redis:latest
docker.io/library/redis:latest
```

```
root@Nilam:~# docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
nginx                latest      cc33e2ab48a2  19 hours ago  187MB
nilamballal169/nginx latest      25e09c29b07b  20 hours ago  187MB
nil_image            latest      53674603dd32  43 hours ago  584MB
redis                latest      bdf4838c172   7 days ago    138MB
```

```
root@Nilam:~# docker image tag redis:latest nilamballal169/nilam_cloudethix_redis:v1
root@Nilam:~# docker image tag redis:latest nilamballal169/nilam_cloudethix_redis:v3
root@Nilam:~#
```

```
root@Nilam:~# docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
nginx                latest      cc33e2ab48a2  19 hours ago  187MB
nilamballal169/nginx latest      25e09c29b07b  21 hours ago  187MB
nil_image            latest      53674603dd32  44 hours ago  584MB
redis                latest      bdf4838c172   7 days ago    138MB
nilamballal169/nilam_cloudethix_redis v1          bdf4838c172   7 days ago    138MB
nilamballal169/nilam_cloudethix_redis v3          bdf4838c172   7 days ago    138MB
ubuntu              latest      174c8c134b2a  5 weeks ago   77.9MB
nginx                <none>      d453dd892d93  2 months ago  187MB
httpd                latest      6fd77d7e5eb7  2 months ago  167MB
root@Nilam:~#
```

```
root@Nilam:~# docker push nilamballal169/nilam_cloudethix_redis:v1
The push refers to repository [docker.io/nilamballal169/nilam_cloudethix_redis]
cd02e5942a1e: Mounted from library/redis
5f70bf18a086: Mounted from library/redis
fcae66387b13: Mounted from library/redis
cbc573a5c422: Mounted from library/redis
116584210380: Mounted from library/redis
c95bcf9f626e: Mounted from library/redis
2361aeb2c69c: Mounted from library/redis
571ade696b26: Mounted from library/redis
v1: digest: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b size: 1986
```

```
root@Nilam:~# docker push nilamballal169/nilam_cloudethix_redis:v3
The push refers to repository [docker.io/nilamballal169/nilam_cloudethix_redis]
cd02e5942a1e: Layer already exists
5f70bf18a086: Layer already exists
fcae66387b13: Layer already exists
cbc573a5c422: Layer already exists
116584210380: Layer already exists
c95bcf9f626e: Layer already exists
2361aeb2c69c: Layer already exists
571ade696b26: Layer already exists
v3: digest: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b size: 1986
root@Nilam:~#
```

nilamballal169 / nilam_cloudethix_redis

Docker commands

To push a new tag to this repository:

docker push nilamballal169/nilam_cloudethix_redis:tagname

Public View

Description

This repository does not have a description

Last pushed: 2 minutes ago

Tags

This repository contains 2 tag(s).

Tag	OS	Type	Pulled	Pushed
v3		Image	---	2 minutes ago
v1		Image	---	3 minutes ago

See all

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#)

Upgrade

02. Create a remote Git repository and add the Dockerfile and index.html files. Clone the repository locally and create a release branch.

Build the Docker image from the release branch with a meaningful tag, then run a container from the image and expose it on host port 8383.

Check the webpage in a browser, and upon success, push the image to your Docker Hub repository named "yourname_cloudethix_nginx."

Finally, push the release branch to the remote Git repository and merge it by creating a pull request.

docker_001 Public

Pin

Unwatch 1

main

1 Branch

0 Tags

Go to file

Add file

Code

Nilam3993 Create index.html

ed931b6 · 22 minutes ago

2 Commits

Dockerfile

Create Dockerfile

49 minutes ago

index.html

Create index.html

22 minutes ago

README

```

root@Nilam:Docker01# git clone git@github.com:Nilam3993/docker_001.git
Cloning into 'docker_001'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.

```

```

root@Nilam:docker_001# git branch -l
* main
root@Nilam:docker_001#
root@Nilam:docker_001# git checkout -b release
Switched to a new branch 'release'
root@Nilam:docker_001# ll
total 20
drwxr-xr-x 3 root root 4096 Jan 17 22:46 ./
drwxr-xr-x 4 root root 4096 Jan 17 22:46 ../
drwxr-xr-x 8 root root 4096 Jan 17 22:48 .git/
-rw-r--r-- 1 root root 69 Jan 17 22:46 Dockerfile
-rw-r--r-- 1 root root 12 Jan 17 22:46 index.html

```

```

root@Nilam:docker_001# cat Dockerfile
FROM nginx:latest
COPY ./index.html /usr/share/nginx/html/index.html
root@Nilam:docker_001# cat index.html
hello Nilam

```

```

root@Nilam:docker_001# docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	latest	cc33e2ab48a2	29 hours ago	187MB
nilamballal169/nginx	latest	25e09c29b07b	30 hours ago	187MB
nil_image	latest	53674603dd32	2 days ago	584MB
redis	latest	bdfff4838c172	8 days ago	138MB
nilamballal169/nilam_cloudethix_redis	v1	bdfff4838c172	8 days ago	138MB
nilamballal169/nilam_cloudethix_redis	v3	bdfff4838c172	8 days ago	138MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
nginx	<none>	d453dd892d93	2 months ago	187MB

```

root@Nilam:docker_001# docker image build -t nilam:v1 .
[+] Building 0.1s (7/7) FINISHED
[+] [internal] load build definition from Dockerfile
[+] ==> [internal] load build definition from Dockerfile
[+] ==> transferring dockerfile: 100B
[+] ==> [internal] load .dockerignore
[+] ==> [internal] load .dockerignore
[+] ==> transferring context: 2B
[+] ==> [internal] load metadata for docker.io/library/nginx:latest
[+] ==> [internal] load build context
[+] ==> transferring context: 31B
[+] ==> [1/2] FROM docker.io/library/nginx:latest
[+] ==> CACHED [2/2] COPY ./index.html /usr/share/nginx/html/index.html
[+] ==> exporting to image
[+] ==> exporting layers
[+] ==> writing image sha256:0f2b35f3ce7e0f2b35f3ce7e0f2b35f3ce7e0f2b35f3ce7e0f2b35f3ce7e0f2b35f3ce7e
[+] ==> naming to docker.io/library/nilam:v1

```

```

root@Nilam:docker_001# docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nilam	v1	0f2b35f3ce7e	28 minutes ago	187MB
nilam_cloudethix_nginx	release	0f2b35f3ce7e	28 minutes ago	187MB
nginx	latest	cc33e2ab48a2	30 hours ago	187MB
nilamballal169/nginx	latest	25e09c29b07b	31 hours ago	187MB
nil_image	latest	53674603dd32	2 days ago	584MB
nilamballal169/nilam_cloudethix_redis	v1	bdfff4838c172	8 days ago	138MB
nilamballal169/nilam_cloudethix_redis	v3	bdfff4838c172	8 days ago	138MB

```

root@Nilam:docker_001# docker login
Authenticating with existing credentials...
WARNING! Your password will be stored unencrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded

```

```

root@Nilam:docker_001# docker container run -itd -p 8383:80 nilam:v1
3c304c2bd19e5b0da5b68f9a86c9f0d3ce9ca9c8254b2ab8d0ccfe0e367728d3

```

```
root@Nilam:docker_001# docker container ls
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
3c304c2bd19e   nilam:v1  "/docker-entrypoint..." 2 minutes ago  Up 2 minutes  0.0.0.0:8383->80/tcp, :::8383->80/tcp  ecstatic_shirley
root@Nilam:docker_001#
```

```
root@Nilam:docker_001# curl localhost:8383
hello Nilam
```

```
root@Nilam:docker_001# ip r l
default via 172.28.16.1 dev eth0
172.17.0.0/16 dev docker0 proto kernel scope link src 172.17.0.1
172.28.16.0/20 dev eth0 proto kernel scope link src 172.28.31.239
root@Nilam:docker_001#
```

← → ↻ ⚠ Not secure 172.28.31.239:8383

hello Nilam

```
root@Nilam:docker_001# git push origin release
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'release' on GitHub by visiting:
remote:   https://github.com/Nilam3993/docker_001/pull/new/release
remote:
To github.com:Nilam3993/docker_001.git
 * [new branch]      release -> release
root@Nilam:docker_001#
```

03. Save all local Redis images as a .tar file in the master branch of your local repository.

Delete all Redis images from your local system and push the master branch to the remote repository. Load the Redis images from the tar file to your local system, and verify that all images have been loaded correctly.

```
root@Nilam:docker_001# git checkout -b master
Switched to a new branch 'master'
root@Nilam:docker_001# git branch -l
main
* master
release
```

```
root@Nilam:docker_001# docker image save nilamballal169/nilam_cloudethix_redis:v1 -o redis_v1.tar
root@Nilam:docker_001#
root@Nilam:docker_001# docker image save nilamballal169/nilam_cloudethix_redis:v -o redis_v1.tar
Error response from daemon: reference does not exist
root@Nilam:docker_001# docker image save nilamballal169/nilam_cloudethix_redis:v3 -o redis_v3.tar
root@Nilam:docker_001# ll
```



```

root@Nilam:docker_001# docker images
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
nilam                v1           0f2b35f3ce7e     About an hour ago 187MB
nilam_cloudethix_nginx release      0f2b35f3ce7e     About an hour ago 187MB
nginx                latest       cc33e2ab48a2     31 hours ago     187MB
nilamballal169/nginx latest       25e09c29b07b     32 hours ago     187MB
nil_image            latest       53674603dd32     2 days ago       584MB
redis                latest       bdf4838c172      8 days ago       138MB
nilamballal169/nilam_cloudethix_redis v1          bdf4838c172      8 days ago       138MB
nilamballal169/nilam_cloudethix_redis v3          bdf4838c172      8 days ago       138MB
ubuntu               latest       174c8c134b2a     5 weeks ago      77.9MB
nginx                <none>       d453dd892d93     2 months ago     187MB
<none>               <none>       6fd77d7e5eb7     3 months ago     167MB
httpd                latest       92fa43a2ff60     3 months ago     167MB

```

```

root@Nilam:docker_001# ll
total 277716
drwxr-xr-x 3 root root      4096 Jan 18 00:10 ./
drwxr-xr-x 4 root root      4096 Jan 17 22:46 ../
drwxr-xr-x 8 root root      4096 Jan 17 23:41 .git/
-rw-r--r-- 1 root root        69 Jan 17 22:46 Dockerfile
-rw-r--r-- 1 root root        12 Jan 17 22:46 index.html
-rw----- 1 root root 142179328 Jan 18 00:09 redis_v1.tar
-rw----- 1 root root 142179328 Jan 18 00:10 redis_v3.tar
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# docker image rm -f $(docker images -q redis)
Untagged: redis:latest
Untagged: redis@sha256:b5ddcd52d425a8e354696c022f392fe45fca928f68d6289e6bb4a709c3a74668
Untagged: nilamballal169/nilam_cloudethix_redis:v1
Untagged: nilamballal169/nilam_cloudethix_redis:v3
Untagged: nilamballal169/nilam_cloudethix_redis@sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b
Deleted: sha256:bdf4838c1724f55f04852d219ee7590256297e8fa3996d38785fe76fae9ee72
Deleted: sha256:cc97fed066d089ed42fffe96059a88b35cfb23ecd2489af6ede00dbeaf1b5420
Deleted: sha256:257560839d5f40b8573ca5fd1d9dc1be62220f4c4370af9ad5b38f3df8772
Deleted: sha256:504cce6d140a06f409f8d2655b4274b4ec3661737fc5c4b28acc268789c091bd
Deleted: sha256:a418b5c690a7341924ad44432e5fe6690af00ad6adf23e543b8e404240bf3d
Deleted: sha256:6e460d50a124a3596722a85a38b8d1135612e03d018bf9a3fa596011abb636c2
Deleted: sha256:df6ad7beaee0445df953fcf099e8004382b70a1dfb1e76f1a5185425159f8b1
Deleted: sha256:4264329ccc0488ec0430d0e04ca840db5b892077995ba7d8710b5c9a50c78f2
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# docker images
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
nilam                v1           0f2b35f3ce7e     About an hour ago 187MB
nilam_cloudethix_nginx release      0f2b35f3ce7e     About an hour ago 187MB
nginx                latest       cc33e2ab48a2     31 hours ago     187MB
nilamballal169/nginx latest       25e09c29b07b     32 hours ago     187MB
nil_image            latest       53674603dd32     2 days ago       584MB
ubuntu               latest       174c8c134b2a     5 weeks ago      77.9MB
nginx                <none>       d453dd892d93     2 months ago     187MB
<none>               <none>       6fd77d7e5eb7     3 months ago     167MB
httpd                latest       92fa43a2ff60     3 months ago     167MB
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# tar -cvjf redis_v1.tar.bz2 redis_v1.tar
redis_v1.tar
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# tar -cvjf redis_v3.tar.bz2 redis_v3.tar
redis_v3.tar
root@Nilam:docker_001# ll

```

```

root@Nilam:docker_001# ll
total 364636
drwxr-xr-x 3 root root      4096 Jan 18 00:23 ./
drwxr-xr-x 4 root root      4096 Jan 17 22:46 ../
drwxr-xr-x 8 root root      4096 Jan 17 23:41 .git/
-rw-r--r-- 1 root root        69 Jan 17 22:46 Dockerfile
-rw-r--r-- 1 root root        12 Jan 17 22:46 index.html
-rw----- 1 root root 142179328 Jan 18 00:09 redis_v1.tar
-rw-r--r-- 1 root root  44502773 Jan 18 00:17 redis_v1.tar.bz2
-rw----- 1 root root 142179328 Jan 18 00:10 redis_v3.tar
-rw-r--r-- 1 root root  44502543 Jan 18 00:23 redis_v3.tar.bz2
root@Nilam:docker_001#
root@Nilam:docker_001#
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# rm -rf redis_v1.tar
root@Nilam:docker_001# rm -rf redis_v3.tar
root@Nilam:docker_001# ll
total 86940
drwxr-xr-x 3 root root      4096 Jan 18 00:41 ./
drwxr-xr-x 4 root root      4096 Jan 17 22:46 ../
drwxr-xr-x 8 root root      4096 Jan 17 23:41 .git/
-rw-r--r-- 1 root root        69 Jan 17 22:46 Dockerfile
-rw-r--r-- 1 root root        12 Jan 17 22:46 index.html
-rw-r--r-- 1 root root  44502773 Jan 18 00:17 redis_v1.tar.bz2
-rw-r--r-- 1 root root  44502543 Jan 18 00:23 redis_v3.tar.bz2
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# git add redis_v1.tar.bz2
root@Nilam:docker_001#
root@Nilam:docker_001# git add redis_v3.tar.bz2
root@Nilam:docker_001#
root@Nilam:docker_001# git commit -m "redis_v1.tar.bz2" "redis_v3.tar.bz2"
[master 15b945a] redis_v1.tar.bz2
  Committer: root <root@MindOfGod.localdomain>
  Your name and email address were configured automatically based
  on your username and hostname. Please check that they are accurate.
  You can suppress this message by setting them explicitly:

    git config --global user.name "Your Name"
    git config --global user.email you@example.com

  After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

  1 file changed, 0 insertions(+), 0 deletions(-)
  create mode 100644 redis_v3.tar.bz2

```

```

root@Nilam:docker_001# git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 42.34 MiB | 1.76 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Nilam3993/docker_001/pull/new/master
remote:
To github.com:Nilam3993/docker_001.git
 * [new branch]      master -> master
root@Nilam:docker_001#

```

```

root@Nilam:docker_001# ll
total 86940
drwxr-xr-x 3 root root    4096 Jan 18 00:41 ./
drwxr-xr-x 4 root root    4096 Jan 17 22:46 ../
drwxr-xr-x 8 root root    4096 Jan 18 00:44 .git/
-rw-r--r-- 1 root root     69 Jan 17 22:46 Dockerfile
-rw-r--r-- 1 root root     12 Jan 17 22:46 index.html
-rw-r--r-- 1 root root 44502773 Jan 18 00:17 redis_v1.tar.bz2
-rw-r--r-- 1 root root 44502543 Jan 18 00:23 redis_v3.tar.bz2
root@Nilam:docker_001#

```

```

root@Nilam:docker_001#
root@Nilam:docker_001# docker image import redis_v3.tar.bz2 redis_01
sha256:8cef6119b5691313ae6d732943735c295c493c7ec97f1b8edb6e71a036e91c8f
root@Nilam:docker_001# docker image import redis_v1.tar.bz2 redis_00
sha256:cad1eeac259ef07f69f7b17fc35ed56712417b9e0ca63ba72d22a419c3d15b1b

```

```

root@Nilam:docker_001# docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
redis_00	latest	cad1eeac259e	6 seconds ago	142MB
redis_01	latest	8cef6119b569	45 seconds ago	142MB
<none>	<none>	c4b083a4f9a0	5 minutes ago	142MB
<none>	<none>	a85264d9e45b	5 minutes ago	142MB

04. Pull the Busy-box image to your local system, tag it, and push it to the Docker Hub repository "yourname_cloudethix_busybox."

Export the Docker image from the NGINX container, create a .tar file, and import the tar file to create a Docker image with a meaningful name.

After importing the image, tag it and push it to the "yourname_cloudethix_busybox" Docker Hub repository.

```

root@Nilam:docker01# docker image ls

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
redis_00	latest	cad1eeac259e	2 minutes ago	142MB
redis_01	latest	8cef6119b569	3 minutes ago	142MB
<none>	<none>	c4b083a4f9a0	7 minutes ago	142MB
<none>	<none>	a85264d9e45b	7 minutes ago	142MB
nilam	v1	0f2b35f3ce7e	2 hours ago	187MB
nilam_cloudethix_nginx	release	0f2b35f3ce7e	2 hours ago	187MB
nginx	latest	cc33e2ab48a2	31 hours ago	187MB
nilamballal169/nginx	latest	25e09c29b07b	32 hours ago	187MB
nil_image	latest	53674603dd32	2 days ago	584MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
nginx	<none>	d453dd892d93	2 months ago	187MB
httpd	latest	92fa43a2ff60	3 months ago	167MB
<none>	<none>	6fd77d7e5eb7	3 months ago	167MB


```

root@Nilam:~# docker image pull busybox
Using default tag: latest
latest: Pulling from library/busybox
a307d6ecc620: Pull complete
Digest: sha256:ba76950ac9eaa407512c9d859cea48114eeff8a6f12ebaa5d32ce79d4a017dd8
Status: Downloaded newer image for busybox:latest
docker.io/library/busybox:latest

```

```

root@Nilam:~# docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
redis_00             latest          cad1eeac259e    3 minutes ago   142MB
redis_01             latest          8cef6119b569    4 minutes ago   142MB
<none>               <none>          c4b083a4f9a0    8 minutes ago   142MB
<none>               <none>          a85264d9e45b    8 minutes ago   142MB
nilam                v1              0f2b35f3ce7e    2 hours ago     187MB
nilam_cloudethix_nginx release         0f2b35f3ce7e    2 hours ago     187MB
nginx                latest          cc33e2ab48a2    31 hours ago    187MB
nilamballal169/nginx latest          25e09c29b07b    32 hours ago    187MB
nil_image            latest          53674603dd32    2 days ago      584MB
busybox              latest          9211bbaa0dbd    4 weeks ago     4.26MB

```

```


root@Nilam:~# docker image tag busybox:latest nilamballal169/nilam-cloudethix-busybox:v1
root@Nilam:~# docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
<none>               <none>          c78088b5ea6c    41 minutes ago   185MB
redis_00             latest          cad1eeac259e    About an hour ago 142MB
redis_01             latest          8cef6119b569    About an hour ago 142MB
<none>               <none>          c4b083a4f9a0    About an hour ago 142MB
<none>               <none>          a85264d9e45b    About an hour ago 142MB
nilam                v1              0f2b35f3ce7e    3 hours ago      187MB
nilam_cloudethix_nginx release         0f2b35f3ce7e    3 hours ago      187MB
nginx                latest          cc33e2ab48a2    32 hours ago     187MB
nilamballal169/nginx latest          25e09c29b07b    33 hours ago     187MB
nil_image            latest          53674603dd32    2 days ago      584MB
busybox              latest          9211bbaa0dbd    4 weeks ago      4.26MB
nilamballal169/nil_cloudethix v1              9211bbaa0dbd    4 weeks ago      4.26MB
nilamballal169/nilam-cloudethix-busybox v1              9211bbaa0dbd    4 weeks ago      4.26MB

```


```


root@Nilam:~# docker image push nilamballal169/nilam-cloudethix-busybox:v1
The push refers to repository [docker.io/nilamballal169/nilam-cloudethix-busybox]
82ae998286b2: Mounted from nilamballal169/nil_cloudethix
v1: digest: sha256:7de5fa822a9d1e507c36565ee0cf50c08faa64505461c844a3ce3944d23efa35 size: 527
root@Nilam:~#

```


nilamballal169 / nilam-cloudethix-busybox

Description

This repository does not have a description 

 Last pushed: 1 minute ago



Docker commands [Public View](#)

To push a new tag to this repository:

```
docker push nilamballal169/nilam-cloudethix-busybox:tagname
```

Tags


This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 v1		Image	---	a minute ago

[See all](#)

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```

root@Nilam:Docker01# docker container run --name nginx_001 nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh

```

```

root@Nilam:Docker01# docker container ls -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
e89f261d7c86   nginx         "/docker-entrypoint..." 29 seconds ago Exited (0) 22 seconds ago
nginx_001
73074783364b   nginx         "/docker-entrypoint..." 58 minutes ago Exited (0) 57 minutes ago
nginx_container
3c304c2bd19e   nilam:v1      "/docker-entrypoint..." 3 hours ago    Up 3 hours    0.0.0.0:8383->80/tcp, :::8383->80
/tcp   ecstatic_shirley

```

```

root@Nilam:Docker01# docker export nginx_001 >nginx_001.tar
root@Nilam:Docker01#
root@Nilam:Docker01#
root@Nilam:Docker01# docker image import nginx_001.tar nginx_001_img
sha256:77e902beb862fcdaeac520a00049f42c5fe3e05ac91bc2f1251485216cdd2dffc
root@Nilam:Docker01#
root@Nilam:Docker01#
root@Nilam:Docker01# docker images
REPOSITORY      TAG          IMAGE ID          CREATED          SIZE
nginx_001_img   latest       77e902beb862     11 seconds ago  185MB
<none>          <none>       c78088b5ea6c     50 minutes ago  185MB
redis_00        latest       cad1eeac259e     About an hour ago 142MB
redis_01        latest       8cef6119b569     About an hour ago 142MB

```

```


root@Nilam:Docker01# docker image tag nginx_001_img nilamballal169/nilam-cloudethix-busybox:v1
root@Nilam:Docker01#
root@Nilam:Docker01# docker images
REPOSITORY      TAG          IMAGE ID          CREATED          SIZE
nginx_001_img   latest       77e902beb862     2 minutes ago   185MB
nilamballal169/nilam-cloudethix-busybox v1          77e902beb862     2 minutes ago   185MB
<none>          <none>       c78088b5ea6c     52 minutes ago  185MB
redis_00        latest       cad1eeac259e     About an hour ago 142MB
redis_01        latest       8cef6119b569     About an hour ago 142MB
<none>          <none>       c4b083a4f9a0     About an hour ago 142MB
<none>          <none>       a85264d9e45b     About an hour ago 142MB
nilam           v1          062b35f3ae7e     2 hours ago     107MB

```


```


root@Nilam:Docker01# docker image push nilamballal169/nilam-cloudethix-busybox:v1
The push refers to repository [docker.io/nilamballal169/nilam-cloudethix-busybox]
8b6fe41fc644: Pushed
v1: digest: sha256:2028139c6099074f6517af93e0e8306fb4e4520f74f337545f20a3f4569556c4 size: 528
root@Nilam:Docker01#

```


nilamballal169 / nilam-cloudethix-busybox

Description

This repository does not have a description 

 Last pushed: 1 minute ago

Docker commands



To push a new tag to this repository:

```
docker push nilamballal169/nilam-cloudethix-busybox:tagname
```

[Public View](#)

Tags


This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 v1		Image	---	a minute ago

[See all](#)

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05. Dockerfile creation: Create a simple Dockerfile to build a custom image with the following specifications:

1. Base image: Ubuntu
2. Install packages: curl, vim, and git
3. Set an environment variable: MY_NAME=Your_Name
4. Build the custom image using docker build and list all available images using docker images.

```
root@Nilam:docker# vim Dockerfile
root@Nilam:docker# cat Dockerfile
FROM ubuntu:latest
RUN apt update
RUN apt install curl -y
RUN apt install vim -y
RUN apt install git -y
ENV MY_NAME=NILAM
```

```
root@Nilam:docker# docker image build -t my_test .
[+] Building 56.3s (9/9) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring Dockerfile: 159B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/ubuntu:latest
=> CACHED [1/5] FROM docker.io/library/ubuntu:latest
=> [2/5] RUN apt update
=> [3/5] RUN apt install curl -y
=> [4/5] RUN apt install vim -y
=> [5/5] RUN apt install git -y
=> exporting to image
=> => exporting layers
=> => writing image sha256:148ea590febf3a8d846ca8b9d58d6e9bfff1a11c3836d75e9d1e11d0bea6b0e88
=> => naming to docker.io/library/my_test
```

```
root@Nilam:docker# docker image ls
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
my_test	latest	148ea590febf	27 seconds ago	261MB
nginx_001_img	latest	77e902beb862	14 hours ago	185MB
nilamballal169/nilam-cloudethix-busybox	v1	77e902beb862	14 hours ago	185MB
<none>	<none>	c78088b5ea6c	15 hours ago	185MB
redis_00	latest	cad1eeac259e	15 hours ago	142MB
redis_01	latest	8cef6119b569	15 hours ago	142MB
<none>	<none>	c4b083a4f9a0	15 hours ago	142MB
<none>	<none>	a85264d9e45b	15 hours ago	142MB
nilam	v1	0f2b35f3ce7e	17 hours ago	187MB
nilam-cloudethix-nginx	release	0f2b35f3ce7e	17 hours ago	187MB
nginx	latest	cc33e2ab48a2	47 hours ago	187MB

```
root@Nilam:docker# docker container run -itd --name container_01 my_test:latest
8ce6a1cf06764c6f40ce0e01c713a9732c3f8e0d8d74a7e1a8705de8fe60baeb
root@Nilam:docker#
root@Nilam:docker#
root@Nilam:docker# docker container exec -it container_01 /bin/bash
root@8ce6a1cf0676:/# echo $MY_NAME
Nilam
root@8ce6a1cf0676:/#
```