

Here is DOCKER Hands on Lab 05.

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

SOLUTION:-

```
root@DESKTOP-VIDGD8F:DOCKER# docker 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
```

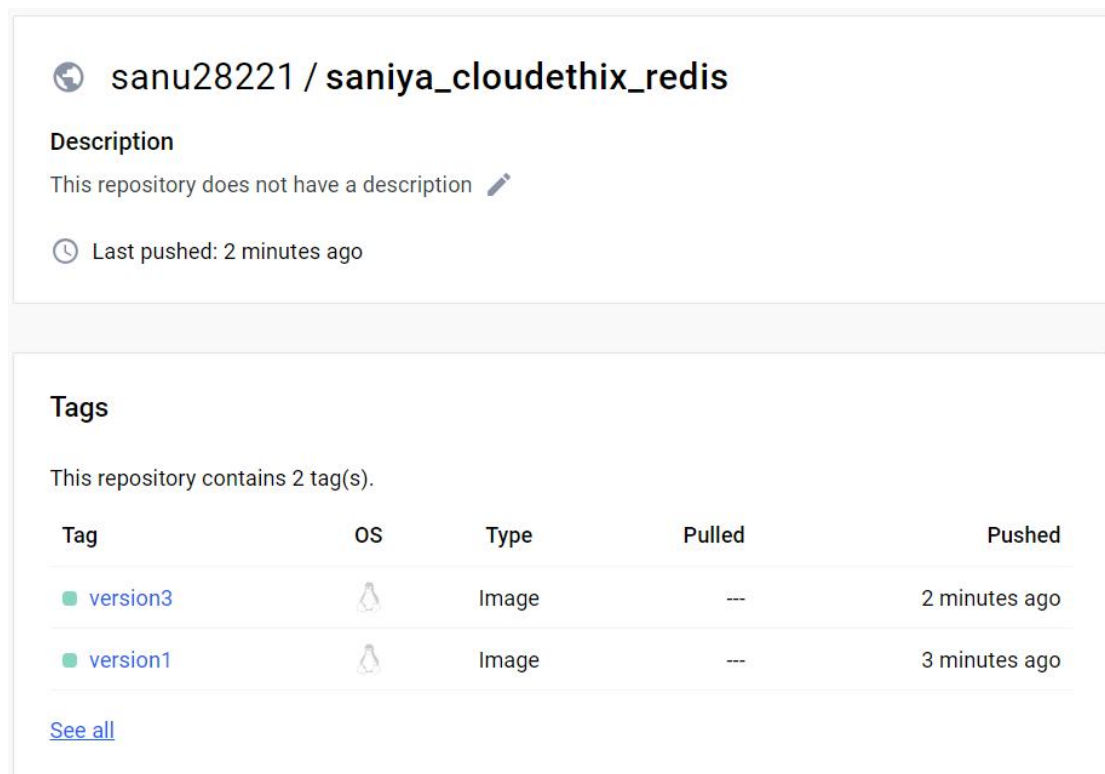
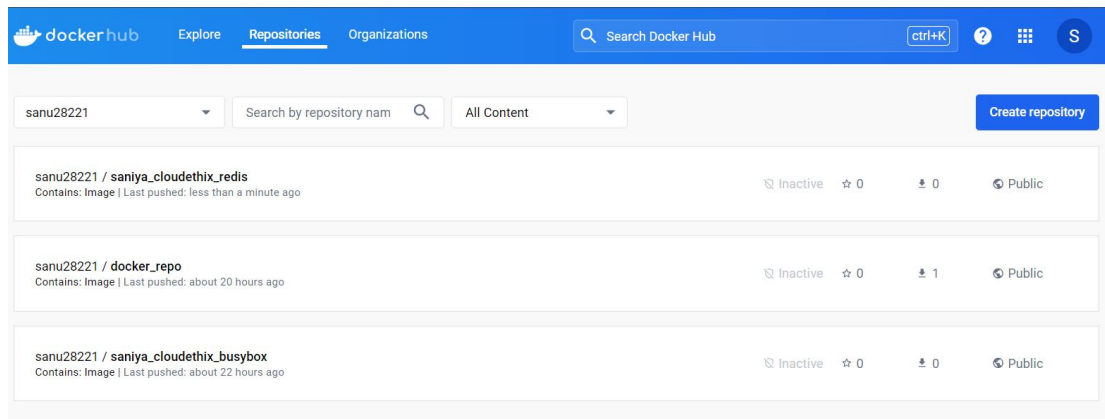
```
root@DESKTOP-VIDGD8F:DOCKER# docker image ls
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	latest	8bccc78414b0	3 hours ago	187MB
redis	latest	bdff4838c172	7 days ago	138MB
busybox	latest	9211bbaa0dbd	4 weeks ago	4.26MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
httpd	latest	6fd77d7e5eb7	2 months ago	167MB

```
root@DESKTOP-VIDGD8F:DOCKER# docker image tag redis:latest sanu28221/saniya_cloudethix_redis:version1
root@DESKTOP-VIDGD8F:DOCKER# docker image tag redis:latest sanu28221/saniya_cloudethix_redis:version3
root@DESKTOP-VIDGD8F:DOCKER# docker image ls
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	latest	8bccc78414b0	3 hours ago	187MB
redis	latest	bdff4838c172	7 days ago	138MB
sanu28221/saniya_cloudethix_redis	version1	bdff4838c172	7 days ago	138MB
sanu28221/saniya_cloudethix_redis	version3	bdff4838c172	7 days ago	138MB
busybox	latest	9211bbaa0dbd	4 weeks ago	4.26MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
httpd	latest	6fd77d7e5eb7	2 months ago	167MB

```
root@DESKTOP-VIDGD8F:DOCKER# docker image push sanu28221/saniya_cloudethix_redis:version1
The push refers to repository [docker.io/sanu28221/saniya_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 sanu28221/docker_repo
version1: digest: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b size: 1986
root@DESKTOP-VIDGD8F:DOCKER# docker image push sanu28221/saniya_cloudethix_redis:version3
The push refers to repository [docker.io/sanu28221/saniya_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
version3: digest: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b size: 1986
root@DESKTOP-VIDGD8F:DOCKER#
```



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.


SOLUTION:-

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

 Saniya2822 ▾

Repository name *

/ Docker-repo

✓ Docker-repo is available.

Great repository names are short and memorable. Need inspiration? How about [scaling-octo-spork](#) ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set  main as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository



Docker-repo


Public



Pin



Unwatch 1 ▾

 main ▾

 1 Branch

 0 Tags

Q Go to file



Add file ▾

<> Code ▾



Saniya2822 Initial commit

9c60d9b · now

🕒 1 Commits



README.md

Initial commit


now








README






Docker-repo

 Docker-repo Public




 Pin  Unwatch 1



 main  1 Branch  0 Tags

 Add file  Code

 Saniya2822 Created index.html

592fc56 · now 3 Commits

 Dockerfile	Created Dockerfile	1 minute ago
 README.md	Initial commit	20 hours ago
 index.html	Created index.html	now

 README 

Docker-repo

```
root@DESKTOP-VIDGD8F:DOCKER# git clone git@github.com:Saniya2822/Docker-repo.git
Cloning into 'Docker-repo'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 9 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (9/9), done.
Resolving deltas: 100% (1/1), done.
root@DESKTOP-VIDGD8F:DOCKER#
```

```
root@DESKTOP-VIDGD8F:DOCKER# cd Docker-repo/
root@DESKTOP-VIDGD8F:Docker-repo# ll
total 0
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:03 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:02 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:03 .git
-rwxrwxrwx 1 saniya saniya 69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya 13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya 23 Jan 18 11:03 index.html
root@DESKTOP-VIDGD8F:Docker-repo# git branch
* main
root@DESKTOP-VIDGD8F:Docker-repo# git checkout -b release
Switched to a new branch 'release'
root@DESKTOP-VIDGD8F:Docker-repo# git branch
main
* release
root@DESKTOP-VIDGD8F:Docker-repo# ll
total 0
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:03 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:02 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:04 .git
-rwxrwxrwx 1 saniya saniya 69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya 13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya 23 Jan 18 11:03 index.html
```

```

root@DESKTOP-VIDGD8F:~# docker image build -t nginx:v1 .
[+] Building 24.4s (8/8) FINISHED
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 186B
=> [internal] load metadata for docker.io/library/nginx:latest
=> [auth] library/nginx:pull token for registry-1.docker.io
=> [internal] load build context
=> => transferring context: 68B
=> CACHED [1/2] FROM docker.io/library/nginx:latest@sha256:4c8fdaa8b6341bfdeca5f18f7837462c88c9f90527ee35ef185571e1c327beac
=> [2/2] COPY ./index.html /usr/share/nginx/html/index.html
=> exporting image
=> => exporting layers
=> writing image sha256:7812e3a95a127c33101a8cbda93c3cd51838f855751df5a786a82bf9cbb476e
=> naming to docker.io/library/nginx:v1
root@DESKTOP-VIDGD8F:~# docker image ls

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	v1	7812e3a95a12	20 seconds ago	187MB
busybox	latest	9211bbaa0dbd	4 weeks ago	4.26MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
httpd	latest	6fd77d7e5eb7	3 months ago	167MB

root@DESKTOP-VIDGD8F:~#

Activate Windows
Go to Settings to activate Windows.

```

root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx v1 7812e3a95a12 36 seconds ago 187MB
busybox latest 9211bbaa0dbd 4 weeks ago 4.26MB
ubuntu latest 174c8c134b2a 5 weeks ago 77.9MB
httpd latest 6fd77d7e5eb7 3 months ago 167MB
root@DESKTOP-VIDGD8F:~# docker container run -itd -p 8383:80 --name nginx-cont-v1 nginx:v1
2e6cb9e0ab0a12a36d65975dd5f676d4f56b6fddd98f873708e1337ecfa700b1
root@DESKTOP-VIDGD8F:~# docker container ls
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
2e6cb9e0ab0a nginx:v1 "/docker-entrypoint..." 14 seconds ago Up 12 seconds 0.0.0.0:8383->80/tcp, ::8383->80/tcp nginx-cont-v1
2e3e97a0e4b7 httpd "sleep 10" 6 days ago Up 2 seconds 80/tcp httpd_cont_4
0698367cb037 httpd "sleep 10" 6 days ago Up 3 seconds 80/tcp httpd_cont_3
root@DESKTOP-VIDGD8F:~# docker container exec 2e6cb9e0ab0a cat /etc/hosts
127.0.0.1 localhost
::1 localhost ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
172.17.0.4 2e6cb9e0ab0a
root@DESKTOP-VIDGD8F:~# curl http://172.17.0.4
WELCOME TO DOCKER NGINX
root@DESKTOP-VIDGD8F:~# cat index.html
WELCOME TO DOCKER NGINX
root@DESKTOP-VIDGD8F:~#

```

172.22.12.241:8383

WELCOME TO DOCKER NGINX

```

root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx v1 7812e3a95a12 4 minutes ago 187MB
busybox latest 9211bbaa0dbd 4 weeks ago 4.26MB
ubuntu latest 174c8c134b2a 5 weeks ago 77.9MB
httpd latest 6fd77d7e5eb7 3 months ago 167MB
root@DESKTOP-VIDGD8F:~# docker image tag nginx:v1 sanu28221/saniya_cloudethix_nginx:version1
root@DESKTOP-VIDGD8F:~#

```

```

root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx v1 7812e3a95a12 11 minutes ago 187MB
sanu28221/saniya_cloudethix_nginx version1 7812e3a95a12 11 minutes ago 187MB
busybox latest 9211bbaa0dbd 4 weeks ago 4.26MB
ubuntu latest 174c8c134b2a 5 weeks ago 77.9MB
httpd latest 6fd77d7e5eb7 3 months ago 167MB
root@DESKTOP-VIDGD8F:~#

```

```

root@DESKTOP-VIDGD8F:~# docker image push sanu28221/saniya_cloudethix_nginx:version1
The push refers to repository [docker.io/sanu28221/saniya_cloudethix_nginx]
be96c4c60705: Pushed
009507b85609: Mounted from sanu28221/docker_repo
fbcc9bc44d3e: Mounted from sanu28221/docker_repo
b4ad47845036: Mounted from sanu28221/docker_repo
eddc06e5ef9: Mounted from sanu28221/docker_repo
b61d4b2cd2da: Mounted from sanu28221/docker_repo
b6c2a8d6f0ac: Mounted from sanu28221/docker_repo
571ade696b26: Mounted from sanu28221/saniya_cloudethix_redis
version1: digest: sha256:d9af8acad2324d1d38ccecfcfbf6598c2f7d8ad6b9b2d06b9acff4afb4475b7ba6 size: 1985

```


sanu28221

Search by repository nam

All Content

Create repository

sanu28221 / saniya_cloudethix_nginx

Contains: Image | Last pushed: 4 minutes ago

Inactive

☆ 0

📦 0

🌐 Public

sanu28221 / saniya_cloudethix_redis

Contains: Image | Last pushed: about 21 hours ago

Inactive

☆ 0

📦 1

🌐 Public

sanu28221 / docker_repo

Contains: Image | Last pushed: 1 day ago

Inactive

☆ 0

📦 1

🌐 Public

sanu28221 / saniya_cloudethix_busybox

Contains: Image | Last pushed: 2 days ago

Inactive


☆ 0


📦 0

🌐 Public

sanu28221 / saniya_cloudethix_nginx


Description

This repository does not have a description 

 Last pushed: 5 minutes ago

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 version1		Image	---	5 minutes ago

[See all](#)





```
root@DESKTOP-VIDGD8F:~# 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/Saniya2822/Docker-repo/pull/new/release
remote:
To github.com:Saniya2822/Docker-repo.git
 * [new branch]      release -> release
root@DESKTOP-VIDGD8F:~#
```


release 2 Branches 0 Tags

Add file Code

This branch is up to date with [main](#).













Contribute

 Saniya2822 Created index.html	592fc56 · 25 minutes ago	3 Commits
 Dockerfile	Created Dockerfile	26 minutes ago
 README.md	Initial commit	yesterday
 index.html	Created index.html	25 minutes ago

README 

Docker-repo

6 commits 2 files changed 1 contributor

Commits on Jan 18, 2024		
Dockerfile	 Saniya2822 committed 24 minutes ago	Verified  9891e7b <>
index.html	 Saniya2822 committed 23 minutes ago	Verified  f3f119e <>
Delete Dockerfile	 Saniya2822 committed 20 minutes ago	Verified  0208a5f <>
Delete index.html	 Saniya2822 committed 20 minutes ago	Verified  b2333ae <>
Created Dockerfile	 Saniya2822 committed 1 minute ago	Verified  7d62b93 <>
Created index.html	 Saniya2822 committed 1 minute ago	Verified  8a40882 <>

Showing 2 changed files with 2 additions and 3 deletions. Split Unified

3 Dockerfile

@@ -1,2 +1 @@

- FROM nginx:latest

- COPY ./index.html /usr/share/nginx/html/index.html

1 +

2 index.html

@@ -1 +1 @@


- WELCOME TO DOCKER NGINX


1 +

Active
Go to S

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#). [Learn more about diff color](#)

 base: **release** ← compare: **main** ✓ **Able to merge.** These branches can be automatically merged.

**Add a title**

Add a description

WritePreview

H B I ≡ <> 🔗 ≡ ≡ ≡ 📎 @ ↗ ↶ 📎


Please Approve Pull Request

Markdown is supported Paste, drop, or click to add files


Create pull request


Remember: pull requests in this repository should follow our [GitHub Community Guidelines](#).


 **Open** Pull Request for mearge #1
Saniya2822 wants to merge 6 commits into **release** from **main**

**Saniya2822** commented now Owner ⋮


Please Approve Pull Request




 **Saniya2822** added 6 commits 25 minutes ago

 Dockerfile


Verified9891e7b

 index.html


Verifiedf3f119e

 Delete Dockerfile


Verified0208a5f

 Delete index.html

Verifiedb2333ae


 Created Dockerfile


Verified7d62b93

 Created index.html


Verified8a40882


Add more commits by pushing to the **main** branch on [Saniya2822/Docker-repo](#).



 **Require approval from specific reviewers before merging**
[Rulesets](#) ensure specific people approve pull requests before they're merged.

Add rule ×


 **A build service has not been set up**
We have detected a top-level `Dockerfile`. Pick from [apps that can perform automatic builds](#).

 **This branch has no conflicts with the base branch**
Merging can be performed automatically.

Merge pull request

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Add more commits by pushing to the `main` branch on [Saniya2822/Docker-repo](#).



Merge pull request #1 from Saniya2822/main

Pull Request for mearge

This commit will be authored by 149501522+Saniya2822@users.noreply.github.com


Confirm merge

Cancel

Pull Request for mearge #1

Merged Saniya2822 merged 6 commits into `release` from `main`  now


 Conversation 0  Commits 6  Checks 0  Files changed 2




Saniya2822 commented now


Owner ...

Please Approve Pull Request







Saniya2822 added 6 commits 26 minutes ago

 Dockerfile


Verified 9891e7b

 index.html


Verified f3f119e

 Delete Dockerfile


Verified 0208a5f

 Delete index.html


Verified b2333ae

 Created Dockerfile

Verified 7d62b93

 Created index.html

Verified 8a40882



Saniya2822 merged commit `dbfac16` into `release` now

Revert

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.

SOLUTION:-

```

root@DESKTOP-VIDGD8F:Docke-repo# git checkout -b master
Switched to a new branch 'master'
root@DESKTOP-VIDGD8F:Docke-repo# git branch
  main
* master
  release
root@DESKTOP-VIDGD8F:Docke-repo# ll
total 0
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:03 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:37 .git
-rwxrwxrwx 1 saniya saniya  69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya  13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya  23 Jan 18 11:03 index.html

```

```

root@DESKTOP-VIDGD8F:Docke-repo# docker image ls
REPOSITORY          TAG          IMAGE ID       CREATED        SIZE
nginx                v1           7812e3a95a12   37 minutes ago 187MB
sanu28221/saniya_cloudethix_nginx version1      7812e3a95a12   37 minutes ago 187MB
busybox             latest       9211bbaa0dbd   4 weeks ago    4.26MB
ubuntu              latest       174c8c134b2a   5 weeks ago    77.9MB
httpd               latest       6fd77d7e5eb7   3 months ago   167MB
root@DESKTOP-VIDGD8F:Docke-repo# docker image pull sanu28221/saniya_cloudethix_redis:version1
version1: Pulling from sanu28221/saniya_cloudethix_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: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b
Status: Downloaded newer image for sanu28221/saniya_cloudethix_redis:version1
docker.io/sanu28221/saniya_cloudethix_redis:version1
root@DESKTOP-VIDGD8F:Docke-repo# docker image pull sanu28221/saniya_cloudethix_redis:version3
version3: Pulling from sanu28221/saniya_cloudethix_redis
Digest: sha256:5d5d31a84c7fec11a3c8a29b04b1712f650a98338f6a51152de42459ea24060b
Status: Downloaded newer image for sanu28221/saniya_cloudethix_redis:version3
docker.io/sanu28221/saniya_cloudethix_redis:version3
root@DESKTOP-VIDGD8F:Docke-repo# docker image ls
REPOSITORY          TAG          IMAGE ID       CREATED        SIZE
nginx                v1           7812e3a95a12   40 minutes ago 187MB
sanu28221/saniya_cloudethix_nginx version1      7812e3a95a12   40 minutes ago 187MB
sanu28221/saniya_cloudethix_redis version1      bdff4838c172   8 days ago     138MB
sanu28221/saniya_cloudethix_redis version3      bdff4838c172   8 days ago     138MB
busybox             latest       9211bbaa0dbd   4 weeks ago    4.26MB
ubuntu              latest       174c8c134b2a   5 weeks ago    77.9MB
httpd               latest       6fd77d7e5eb7   3 months ago   167MB
root@DESKTOP-VIDGD8F:Docke-repo#

```

```

root@DESKTOP-VIDGD8F:Docke-repo# docker image save sanu28221/saniya_cloudethix_redis:version1 -o redis_version1.tar
root@DESKTOP-VIDGD8F:Docke-repo# docker image save sanu28221/saniya_cloudethix_redis:version3 -o redis_version3.tar
root@DESKTOP-VIDGD8F:Docke-repo# ll
total 277696
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:47 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:37 .git
-rwxrwxrwx 1 saniya saniya  69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya  13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya  23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version1.tar
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version3.tar
root@DESKTOP-VIDGD8F:Docke-repo#

```

```

root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nginx                v1              7812e3a95a12   43 minutes ago 187MB
sanu28221/saniya_cloudethix_nginx version1         7812e3a95a12   43 minutes ago 187MB
sanu28221/saniya_cloudethix_redis version1         bdfff4838c172   8 days ago     138MB
sanu28221/saniya_cloudethix_redis version3         bdfff4838c172   8 days ago     138MB
busybox              latest          9211bbaa0dbd    4 weeks ago    4.26MB
ubuntu               latest          174c8c134b2a    5 weeks ago    77.9MB
httpd                latest          6fd77d7e5eb7    3 months ago   167MB
root@DESKTOP-VIDGD8F:~# docker image rm -f bdfff4838c172
Untagged: sanu28221/saniya_cloudethix_redis:version1
Untagged: sanu28221/saniya_cloudethix_redis:version3
Deleted: sha256:bdfff4838c1724f55f04852d219ee7590256297e8fa3996d38785fe76fae9ee72
Deleted: sha256:cc97fed066d089ed42fffe96059a88b35cfb23ecd2489af6ede00dbeaf1b5420
Deleted: sha256:257560839d5f40b8573ca5fd1d9dc1be62220f4cfb4370af9ad5b38f3dfa8772
Deleted: sha256:504cce6d140a06f409f8d2655b4274b4ec3661737fc5c4b28acc268789c091bd
Deleted: sha256:a418b5c690a7341924ad444432e5fe6690af000ad6adf23e543b8e404240bf3d
Deleted: sha256:6e460d50a124a3596722a85a38b8d1135612e03d018bf9a3fa596011abb636c2
Deleted: sha256:df6ad7beaee0445dfe953fcf099e8004382b79a1dfb1e76f1a5185425159f8b1
Deleted: sha256:4264329cc0488ec0430d0e04ca840bdb5b892077995ba7d8710b5c9a50c78f2
root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nginx                v1              7812e3a95a12   44 minutes ago 187MB
sanu28221/saniya_cloudethix_nginx version1         7812e3a95a12   44 minutes ago 187MB
busybox              latest          9211bbaa0dbd    4 weeks ago    4.26MB
ubuntu               latest          174c8c134b2a    5 weeks ago    77.9MB
httpd                latest          6fd77d7e5eb7    3 months ago   167MB
root@DESKTOP-VIDGD8F:~#

```

```

root@DESKTOP-VIDGD8F:~# ll
total 277696
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:47 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:53 .git
-rwxrwxrwx 1 saniya saniya 69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya 13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya 23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version1.tar
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version3.tar
root@DESKTOP-VIDGD8F:~# tar -cvjf redis_version1.tar.bz2 redis_version1.tar
redis_version1.tar
root@DESKTOP-VIDGD8F:~# tar -cvjf redis_version3.tar.bz2 redis_version3.tar
redis_version3.tar
root@DESKTOP-VIDGD8F:~# ll
total 364624
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:56 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:53 .git
-rwxrwxrwx 1 saniya saniya 69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya 13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya 23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version1.tar
-rwxrwxrwx 1 saniya saniya 44504538 Jan 18 11:56 redis_version1.tar.bz2
-rwxrwxrwx 1 saniya saniya 142179328 Jan 18 11:47 redis_version3.tar
-rwxrwxrwx 1 saniya saniya 44504505 Jan 18 11:56 redis_version3.tar.bz2
root@DESKTOP-VIDGD8F:~# rm -rf redis_version1.tar
root@DESKTOP-VIDGD8F:~# rm -rf redis_version3.tar
root@DESKTOP-VIDGD8F:~# ll
total 86928
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:57 .
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya 512 Jan 18 11:53 .git
-rwxrwxrwx 1 saniya saniya 69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya 13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya 23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 44504538 Jan 18 11:56 redis_version1.tar.bz2
-rwxrwxrwx 1 saniya saniya 44504505 Jan 18 11:56 redis_version3.tar.bz2
root@DESKTOP-VIDGD8F:~#

```



```

root@DESKTOP-VIDGD8F:Docke-repo# ll
total 86928
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:59 .
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:59 .git
-rwxrwxrwx 1 saniya saniya       69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya       13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya       23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 44504538 Jan 18 11:56 redis_version1.tar.bz2
-rwxrwxrwx 1 saniya saniya 44504505 Jan 18 11:56 redis_version3.tar.bz2
root@DESKTOP-VIDGD8F:Docke-repo# git add redis_version1.tar.bz2
root@DESKTOP-VIDGD8F:Docke-repo# git commit -m "redis_version1.tar.bz2"
[master (root-commit) ffb0ca5] redis_version1.tar.bz2
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 redis_version1.tar.bz2
root@DESKTOP-VIDGD8F:Docke-repo# git add redis_version3.tar.bz2
root@DESKTOP-VIDGD8F:Docke-repo# git commit -m "redis_version3.tar.bz2"
[master 2b3bfe4] redis_version3.tar.bz2
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 redis_version3.tar.bz2

```

```

root@DESKTOP-VIDGD8F:Docke-repo# git push origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 84.69 MiB | 2.50 MiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/Saniya2822/Docke-repo/pull/new/master
remote:
To github.com:Saniya2822/Docke-repo.git
 * [new branch]      master -> master
root@DESKTOP-VIDGD8F:Docke-repo#

```

```

root@DESKTOP-VIDGD8F:Docke-repo# ll
total 86928
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:59 .
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:24 ..
drwxrwxrwx 1 saniya saniya      512 Jan 18 12:02 .git
-rwxrwxrwx 1 saniya saniya       69 Jan 18 11:03 Dockerfile
-rwxrwxrwx 1 saniya saniya       13 Jan 18 11:03 README.md
-rwxrwxrwx 1 saniya saniya       23 Jan 18 11:03 index.html
-rwxrwxrwx 1 saniya saniya 44504538 Jan 18 11:56 redis_version1.tar.bz2
-rwxrwxrwx 1 saniya saniya 44504505 Jan 18 11:56 redis_version3.tar.bz2
root@DESKTOP-VIDGD8F:Docke-repo#
root@DESKTOP-VIDGD8F:Docke-repo# docker image import redis_version1.tar.bz2 redis_v1
sha256:eb3a8f5231f2a99dfbc1711fc08f49516b5199f620104c4aef8f3d53a4124318
root@DESKTOP-VIDGD8F:Docke-repo# docker image import redis_version3.tar.bz2 redis_v3
sha256:67a102f3406bc48ea78acd62a2bcdb1a6da6efc597d3f826b5a3dce777ed85dc
root@DESKTOP-VIDGD8F:Docke-repo# docker image ls

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
redis_v3	latest	67a102f3406b	5 seconds ago	142MB
redis_v1	latest	eb3a8f5231f2	21 seconds ago	142MB
nginx	v1	7812e3a95a12	59 minutes ago	187MB
sanu28221/saniya_cloudethix_nginx	version1	7812e3a95a12	59 minutes ago	187MB
busybox	latest	9211bbaa0dbd	4 weeks ago	4.26MB
ubuntu	latest	174c8c134b2a	5 weeks ago	77.9MB
httpd	latest	6fd77d7e5eb7	3 months ago	167MB

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.

SOLUTION:-

```
root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
redis_v3             latest      67a102f3406b  About a minute ago  142MB
redis_v1             latest      eb3a8f5231f2  About a minute ago  142MB
nginx                v1         7812e3a95a12  About an hour ago   187MB
sanu28221/saniya_cloudethix_nginx version1    7812e3a95a12  About an hour ago   187MB
ubuntu               latest      174c8c134b2a  5 weeks ago      77.9MB
httpd                latest      6fd77d7e5eb7  3 months ago     167MB
root@DESKTOP-VIDGD8F:~# 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@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
redis_v3             latest      67a102f3406b  6 minutes ago   142MB
redis_v1             latest      eb3a8f5231f2  6 minutes ago   142MB
nginx                v1         7812e3a95a12  About an hour ago 187MB
sanu28221/saniya_cloudethix_nginx version1    7812e3a95a12  About an hour ago 187MB
busybox              latest      9211bbaa0dbd  4 weeks ago     4.26MB
ubuntu               latest      174c8c134b2a  5 weeks ago     77.9MB
httpd                latest      6fd77d7e5eb7  3 months ago    167MB
root@DESKTOP-VIDGD8F:~# docker image tag busybox:latest sanu28221/saniya_cloudethix_busybox:version1
```


```
root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
redis_v3             latest      67a102f3406b  9 minutes ago   142MB
redis_v1             latest      eb3a8f5231f2  10 minutes ago  142MB
nginx                v1         7812e3a95a12  About an hour ago 187MB
sanu28221/saniya_cloudethix_nginx version1    7812e3a95a12  About an hour ago 187MB
busybox              latest      9211bbaa0dbd  4 weeks ago     4.26MB
sanu28221/saniya_cloudethix_busybox version1    9211bbaa0dbd  4 weeks ago     4.26MB
ubuntu               latest      174c8c134b2a  5 weeks ago     77.9MB
httpd                latest      6fd77d7e5eb7  3 months ago    167MB
root@DESKTOP-VIDGD8F:~#
```

```
root@DESKTOP-VIDGD8F:~# docker image push sanu28221/saniya_cloudethix_busybox:version1
The push refers to repository [docker.io/sanu28221/saniya_cloudethix_busybox]
82ae998286b2: Layer already exists
version1: digest: sha256:7de5fa822a9d1e507c36565ee0cf50c08faa64505461c844a3ce3944d23efa35 size: 527
```

sanu28221 / saniya_cloudethix_busybox

Description

This repository does not have a description 

 Last pushed: 1 minute ago

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 version1		Image	---	a few seconds ago

[See all](#)

```
root@DESKTOP-VIDGD8F:~# docker container run --name nginx_cont nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
2f44b7a888fa: Already exists
8b7dd5ed1dc3: Already exists
35497dd96569: Already exists
3664b6ce66b: Already exists
2d455521f76c: Already exists
dc9c4fdb83d6: Already exists
80562d2bcf3b6: Already exists
Digest: sha256:4c0fdaa8b6241bfdeca5f18f7837462c80cff90527ee35ef185571e1c327beac
Status: Downloaded newer image for nginx:latest
docker: Error response from daemon: Conflict. The container name "/nginx_cont" is already in use by container "5739cb70b24cb6b885f25fe7117bc99d9c22a845aab65d596670df4ef971eed3". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.

root@DESKTOP-VIDGD8F:~# docker container ls -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
26c0b9e0ab0a   nginx:v1       "/docker-entrypoint..." About an hour ago Up About an hour   0.0.0.0:8383->80/tcp, :::8383->80/tcp   nginx-cont-v1
8d4f6f6dc0d3b   8bcc78414b0    "/docker-entrypoint..." 26 hours ago   Exited (255) 2 hours ago           80/tcp                               practical_leakey
8c7115d156ec   7311f0430b8b   "/docker-entrypoint..." 43 hours ago   Exited (255) 26 hours ago           0.0.0.0:8080->80/tcp, :::8080->80/tcp   laughing_visvesvaraya
2030ab1841d6   d453dd892d93   "/docker-entrypoint..." 6 days ago     Exited (255) 6 days ago           80/tcp                               sweet_elbakyan
6741a9977738   d453dd892d93   "/docker-entrypoint..." 6 days ago     Exited (255) 6 days ago           80/tcp                               crazy_engelbart
5739cb70b24c   d453dd892d93   "/docker-entrypoint..." 6 days ago     Exited (255) 6 days ago           0.0.0.0:8080->80/tcp, :::8080->80/tcp   nginx_cont
2e3e97a0e4b7   httpd         "sleep 10"               7 days ago     Up 1 second    80/tcp                               httpd_cont_4
0698367cb037   httpd         "sleep 10"               7 days ago     Up 1 second    80/tcp                               httpd_cont_3
781ae6441812   httpd         "httpd-foreground"       7 days ago     Exited (0) 7 days ago               httpd_cont_2
ea598bd52724   httpd         "httpd-foreground"       7 days ago     Exited (0) 7 days ago               httpd_cont_1
```

```
root@DESKTOP-VIDGD8F:~# docker export nginx_cont > nginx_cont.tar
root@DESKTOP-VIDGD8F:~# docker image import nginx_cont.tar image_nginx_cont
sha256:da8eb5c05b32f79c9f8ed61563739d621bf6e9f0a3b72c639ed1ae281d68ca82

root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY      TAG       IMAGE ID       CREATED        SIZE
image_nginx_cont latest    da8eb5c05b32   16 seconds ago 185MB
redis_v3        latest    67a102f3406b   26 minutes ago 142MB
redis_v1        latest    eb3a8f5231f2   27 minutes ago 142MB
nginx           v1       7812e3a95a12   About an hour ago 187MB
sanu28221/saniya_cloudethix_nginx version1   7812e3a95a12   About an hour ago 187MB
busybox         latest    9211bbaa0dbd   4 weeks ago     4.26MB
sanu28221/saniya_cloudethix_busybox version1   9211bbaa0dbd   4 weeks ago     4.26MB
ubuntu          latest    174c8c134b2a   5 weeks ago     77.9MB
nginx           latest    a8758716bb6a   2 months ago    187MB
httpd           latest    6fd77d7e5eb7   3 months ago    167MB

root@DESKTOP-VIDGD8F:~# docker image tag image_nginx_cont:latest sanu28221/saniya_cloudethix_busybox:nginx_cont_image_v1
```

```
root@DESKTOP-VIDGD8F:~# docker image ls
REPOSITORY      TAG       IMAGE ID       CREATED        SIZE
image_nginx_cont latest    da8eb5c05b32   4 minutes ago 185MB
sanu28221/saniya_cloudethix_busybox nginx_cont_image_v1 da8eb5c05b32   4 minutes ago 185MB
redis_v3        latest    67a102f3406b   30 minutes ago 142MB
redis_v1        latest    eb3a8f5231f2   30 minutes ago 142MB
sanu28221/saniya_cloudethix_nginx version1   7812e3a95a12   About an hour ago 187MB
nginx           v1       7812e3a95a12   About an hour ago 187MB
busybox         latest    9211bbaa0dbd   4 weeks ago     4.26MB
sanu28221/saniya_cloudethix_busybox version1   9211bbaa0dbd   4 weeks ago     4.26MB
ubuntu          latest    174c8c134b2a   5 weeks ago     77.9MB
nginx           latest    a8758716bb6a   2 months ago    187MB
httpd           latest    6fd77d7e5eb7   3 months ago    167MB


root@DESKTOP-VIDGD8F:~#
```





```

root@DESKTOP-VIDGD8F:~# docker image push sanu28221/saniya_cloudethix_busybox:nginx_cont_image_v1
The push refers to repository [docker.io/sanu28221/saniya_cloudethix_busybox]
10cddaeeb46b: Pushed
nginx_cont_image_v1: digest: sha256:6cdc938a7541b3c98378a0aa8adcb5197e4a8efaecc7cd17c7cad826a6c8f2fc size: 528





```


sanu28221 / saniya_cloudethix_busybox

Description
 This repository does not have a description 

 Last pushed: 1 minute ago

Tags
 This repository contains 2 tag(s).

Tag	OS	Type	Pulled	Pushed
 nginx_cont_image_v1		Image	---	a minute ago
 version1		Image	---	21 minutes ago

[See all](#)

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.

SOLUTION:-

```

root@DESKTOP-VIDGD8F:DOCKER# ll
total 109424
drwxrwxrwx 1 saniya saniya      512 Jan 18 12:19 .
drwxrwxrwx 1 saniya saniya      512 Jan 17 13:21 ..
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:59 .git
drwxrwxrwx 1 saniya saniya      512 Jan 18 12:30 Docker-repo
-rwxrwxrwx 1 saniya saniya    806442 Jan  9 15:06 Docker_Assignment_no1.pdf
-rwxrwxrwx 1 saniya saniya    3256846 Jan 10 15:24 Docker_Assignment_no_2.pdf
-rwxrwxrwx 1 saniya saniya     11349 Jan 11 12:04 Docker_Assignment_no_3.docx
-rwxrwxrwx 1 saniya saniya     15891 Jan 11 15:49 Docker_Assignment_no_3.txt
-rwxrwxrwx 1 saniya saniya     732532 Jan 17 11:00 Docker_Assignment_no_4.docx
-rwxrwxrwx 1 saniya saniya     895268 Jan 17 11:00 Docker_Assignment_no_4.pdf
-rwxrwxrwx 1 saniya saniya     2126574 Jan 18 12:19 Docker_Assignment_no_5.docx
-rwxrwxrwx 1 saniya saniya        36 Jan 12 12:27 'docker hub password .txt'
-rwxrwxrwx 1 saniya saniya 104193512 Nov 16 15:37 draw.io-22.1.2-windows-installer.jpg.exe
-rwxrwxrwx 1 saniya saniya       162 Jan 18 12:19 '~$cker_Assignment_no_5.docx'
root@DESKTOP-VIDGD8F:DOCKER#
root@DESKTOP-VIDGD8F:DOCKER# vim Dockerfile
root@DESKTOP-VIDGD8F:DOCKER#
root@DESKTOP-VIDGD8F:DOCKER# ll
total 109424
drwxrwxrwx 1 saniya saniya      512 Jan 18 12:41 .
drwxrwxrwx 1 saniya saniya      512 Jan 17 13:21 ..
drwxrwxrwx 1 saniya saniya      512 Jan 18 11:59 .git
drwxrwxrwx 1 saniya saniya      512 Jan 18 12:30 Docker-repo
-rwxrwxrwx 1 saniya saniya    806442 Jan  9 15:06 Docker_Assignment_no1.pdf
-rwxrwxrwx 1 saniya saniya    3256846 Jan 10 15:24 Docker_Assignment_no_2.pdf
-rwxrwxrwx 1 saniya saniya     11349 Jan 11 12:04 Docker_Assignment_no_3.docx
-rwxrwxrwx 1 saniya saniya     15891 Jan 11 15:49 Docker_Assignment_no_3.txt
-rwxrwxrwx 1 saniya saniya     732532 Jan 17 11:00 Docker_Assignment_no_4.docx
-rwxrwxrwx 1 saniya saniya     895268 Jan 17 11:00 Docker_Assignment_no_4.pdf
-rwxrwxrwx 1 saniya saniya     2126574 Jan 18 12:19 Docker_Assignment_no_5.docx
-rwxrwxrwx 1 saniya saniya       108 Jan 18 12:41 Dockerfile
-rwxrwxrwx 1 saniya saniya        36 Jan 12 12:27 'docker hub password .txt'
-rwxrwxrwx 1 saniya saniya 104193512 Nov 16 15:37 draw.io-22.1.2-windows-installer.jpg.exe
-rwxrwxrwx 1 saniya saniya       162 Jan 18 12:19 '~$cker_Assignment_no_5.docx'
root@DESKTOP-VIDGD8F:DOCKER#

```

```

root@DESKTOP-VIDGD8F:DOCKER# vim Dockerfile
root@DESKTOP-VIDGD8F: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=SANIYA
root@DESKTOP-VIDGD8F:DOCKER# docker image build -t custom:v1 .
[+] Building 37.3s (9/9) FINISHED
=> [internal] load dockerignore 0.0s
=> [internal] load build definition from Dockerfile 0.0s
=> [internal] load metadata for docker.io/library/ubuntu:latest 0.0s
=> CACHED [1/5] FROM docker.io/library/ubuntu:latest 0.0s
=> [2/5] RUN apt update 0.0s
=> [3/5] RUN apt install curl -y 0.0s
=> [4/5] RUN apt install vim -y 0.7s
=> [5/5] RUN apt install git -y 10.2s
=> exporting to image 0.0s
=> exporting layers 0.0s
=> writing image sha256-b2832fb1d7fb5a5b84b954cacde1808bdc42180aa80b8dd69fa1c54efb981e 0.0s
=> naming to docker.io/library/custom:v1 0.0s
root@DESKTOP-VIDGD8F:DOCKER#

```

```

root@DESKTOP-VIDGD8F:DOCKER# docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
custom              v1                 b2832fb1d7fb       24 seconds ago     261MB
image_nginx_cont    latest            da8eb5c05b32       15 minutes ago     185MB
sanu28221/saniya_cloudethix_busybox  nginx_cont_image_v1  da8eb5c05b32       15 minutes ago     185MB
redis_v3            latest            67a102f3406b       42 minutes ago     142MB
redis_v1            latest            eb3a8f5231f2       42 minutes ago     142MB
nginx               v1               7812e3a95a12       2 hours ago        187MB
sanu28221/saniya_cloudethix_nginx    version1           7812e3a95a12       2 hours ago        187MB
busybox             latest           9211bbaa0dbd       4 weeks ago        4.26MB
sanu28221/saniya_cloudethix_busybox  version1           9211bbaa0dbd       4 weeks ago        4.26MB
ubuntu              latest           174c8c134b2a       5 weeks ago        77.9MB
nginx               latest          a8758716bb6a       2 months ago       187MB
httpd               latest          6fd77d7e5eb7       3 months ago       167MB
root@DESKTOP-VIDGD8F:DOCKER#

```

```

root@DESKTOP-VIDGD8F:DOCKER# docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
custom               v1                 b2832fb1d7fb       31 minutes ago     261MB
image_nginx_cont     latest            da8eb5c05b32       46 minutes ago     185MB
sanu28221/saniya_cloudethix_busybox nginx_cont_image_v1 da8eb5c05b32       46 minutes ago     185MB
redis_v3             latest            67a102f3406b       About an hour ago   142MB
redis_v1             latest            eb3a8f5231f2       About an hour ago   142MB
nginx                v1               7812e3a95a12       2 hours ago        187MB
sanu28221/saniya_cloudethix_nginx version1          7812e3a95a12       2 hours ago        187MB
sanu28221/saniya_cloudethix_busybox version1          9211bbaa0dbd       4 weeks ago        4.26MB
busybox              latest           9211bbaa0dbd       4 weeks ago        4.26MB
ubuntu               latest           174c8c134b2a       5 weeks ago        77.9MB
nginx                latest           a8758716bb6a       2 months ago       187MB
httpd                latest           6fd77d7e5eb7       3 months ago       167MB
root@DESKTOP-VIDGD8F:DOCKER# docker container run -itd --name nginx-cont custom:v1
c7e922fffaeb0830a502c0fe2ee4c7a44e5b197d9cd2bb441a945476f83b3d5e
root@DESKTOP-VIDGD8F:DOCKER# docker container ls
CONTAINER ID   IMAGE      COMMAND                  CREATED             STATUS              PORTS                               NAMES
c7e922fffaeb   custom:v1  "/bin/bash"             15 seconds ago     Up 15 seconds                               nginx-cont
2e6cb9e0ab0a   nginx:v1   "/docker-entrypoint..." 2 hours ago        Up 2 hours          0.0.0.0:8383->80/tcp, :::8383->80/tcp  nginx-cont-v1
2e3e97a0e4b7   httpd      "sleep 10"              7 days ago         Up Less than a second 80/tcp                        httpd_cont_4
0698367cb037   httpd      "sleep 10"              7 days ago         Up Less than a second 80/tcp                        httpd_cont_3

```

```

root@DESKTOP-VIDGD8F:DOCKER# docker container exec -it c7e922fffaeb bash
root@c7e922fffaeb:/# echo $MY_NAME
SANIYA
root@c7e922fffaeb:/# exit
exit
root@DESKTOP-VIDGD8F:DOCKER#

```