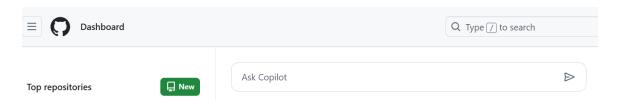
TO RUN OUR APPLICATION ON SERVER LEVEL

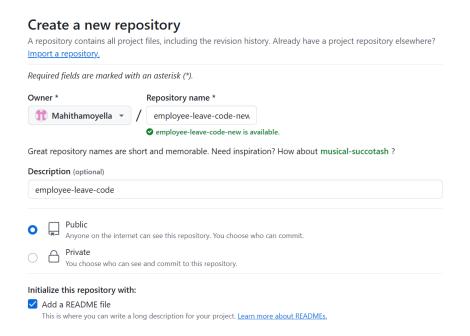
Step-1: Go to GitHub account and login with email and password after entering it will open dashboard page.

To Create a Repository

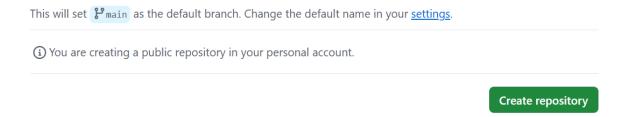
1. Click on > New



- 2. Give Repository Name >
- 3. Write Description >
- 4. Select > public
- 5. Select > Add a README file



6. Click on > create Repository

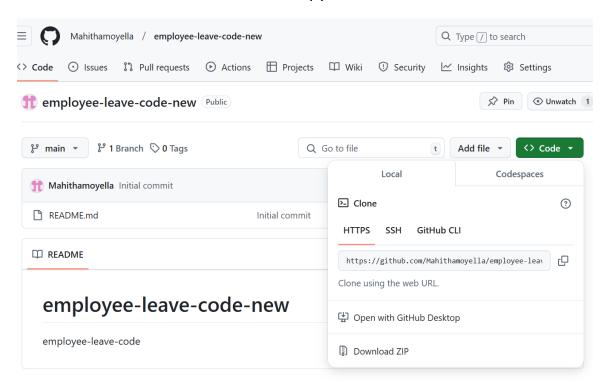


Click on GitHub logo

On Left side You can see the > Find a Repository in that type your created repository name and Open that Repository

Step -2:

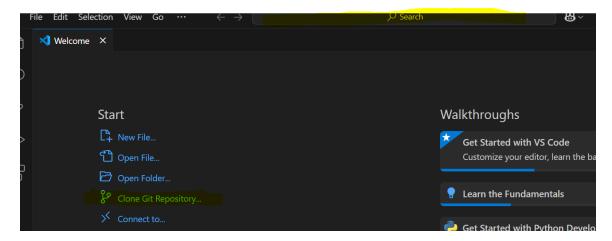
Click on the CODE and Select HTTPS copy the URL



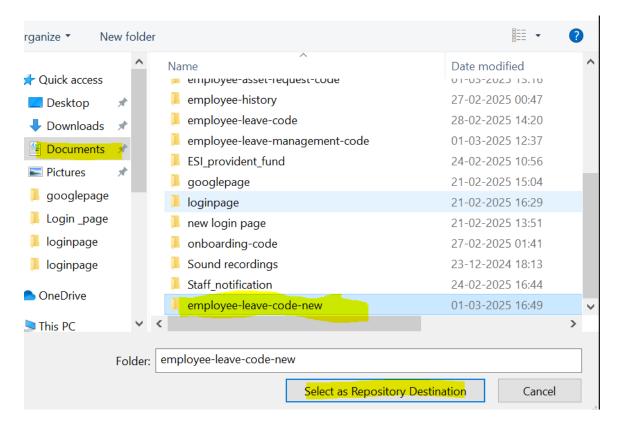
Step-3:

Open Visual Studio Code and take new window from the file.

Click on > clone on Repository and on Top Search bar inside paste the URL



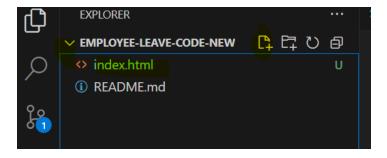
Create a folder and select same the folder



Now click on open

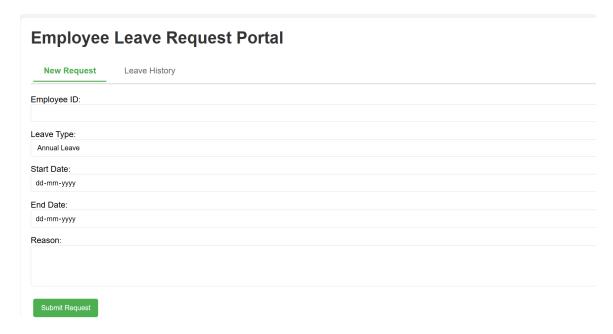
Note: if it display TRUST means select Trust

By clicking on First Plus creates a newfile and also it displays new file For Example create file name as (index.html)click on Enter



Copy the CODE and paste it in index.html and cntrl+s to save

Go back to Folder and check the web is ready to view or not



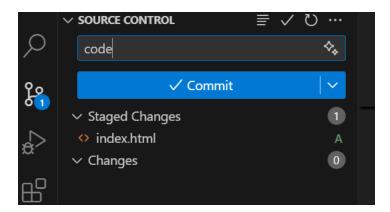
Once its available webpage - Test that by entering details wrong and right details

Note: Check the webpage did you find any errors alignment is missing how the page looks like and while entering details how many times its taking also share your ideas like we need change in that to page looks more better everything from A-z

Then from Visual studio code push code GitHub account

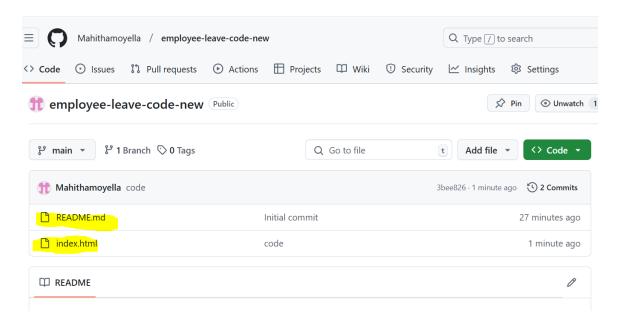
By clicking on + (stage)

Give a message and click on > commit

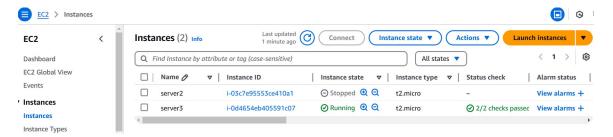


Click on sync changes and click on open

Now Go back to GITHUB Account check the files is available or not



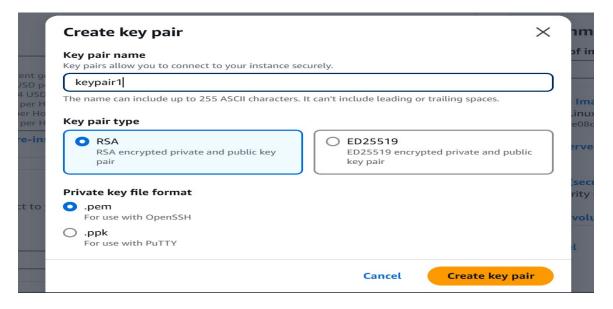
Go to AWS account and click **sign in to the console**. After sign in, click on **EC2** and then click on **instances**. Now click on **launch instances**.



Give the server name

Launch an ins	tance Info
Amazon EC2 allows you the simple steps below	u to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following .
Name and tag	JS Info
Name	
server 4	Add additional tags

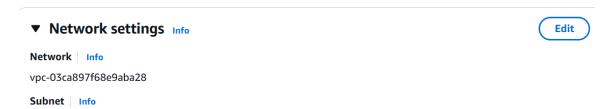
Now create a keypair and select ubuntu



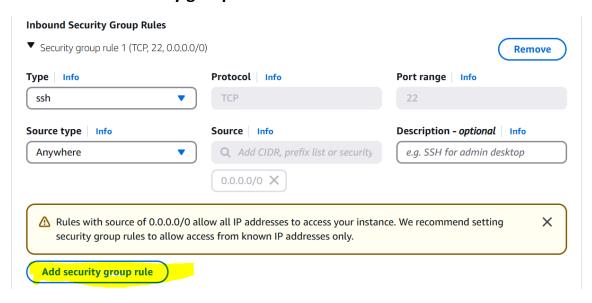
Setup Docker

- Setup t2.large instance with 20 GB Volume
- Add Following Rules in Security Groups 32768-61000, and 8080-9090, 80, 22
- We can install docker on any operating system whether it is Linux, Windows or MAC.

Go To Network settings click on Edit



Now click add security groups rule



Now add this ports to run

In port range - 8080-9090

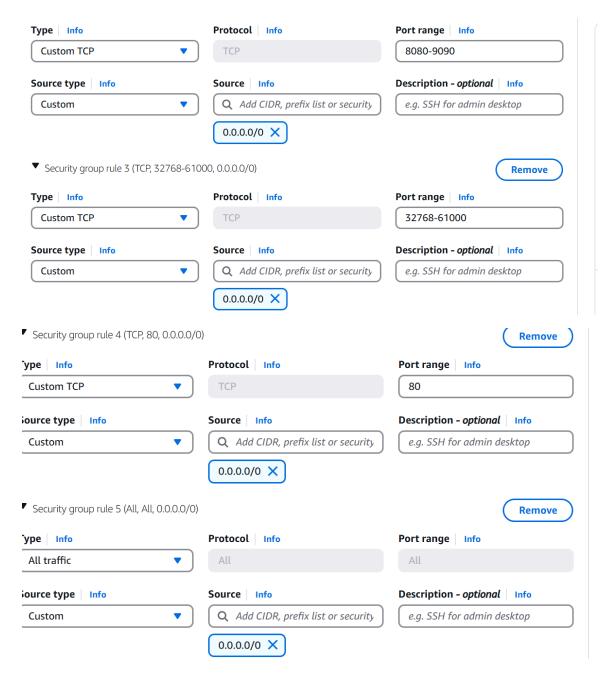
Source - 0.0.0.0/0

Port range - 32768-61000

Source - 0.0.0.0/0

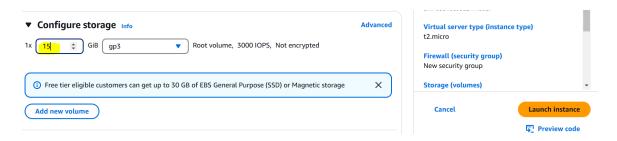
Port range- 80

Source - 0.0.0.0/0

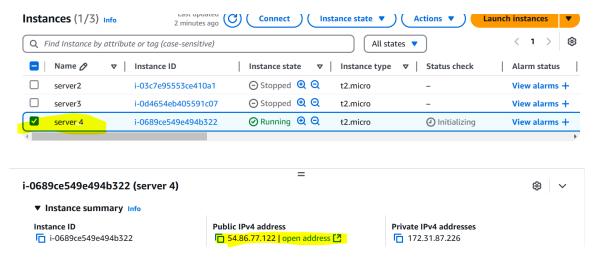


Now give 15 GB or 20 GB

Click in launch instance



Now select the server for public IP address



Now go to **GitBash**, enter the following commands to login into the server **commands:**

cd downloads/

<in which folder the key pair stored>

ls

ssh -i keypair.pem ubuntu@<ip-address>

then enter **yes**

```
ENOVO L480@DESKTOP-E238M55 MINGW64 ~
$ cd downloads/
 _ENOVO_L480@DESKTOP-E238M55_MINGW64 ~/downloads
'AWS DevOps Session.pdf'
                                          UltraViewer_setup_6.6.113_en.exe*
 'AWS- DevOps (1).pdf
                                          VSCodeUserSetup-x64-1.97.2.exe*
 AWS- DevOps.pdf
                                          _Employee-leave-code.pdf
 ChromeSetup.exe*
DOCKER (1).pdf'
DOCKER.pdf
                                          attendance monthly report (1).pdf'
                                          attendance monthly report.pdf
                                          desktop.ini
                                          'employee History code.pdf'
 Devops.pdf
'Docker with commands (1).pdf'
                                          employee-Leave-management-code.pdf
'Docker with commands.pdf
                                          employee-asset-request-code.pdf
 'EMPLOYEE ASSET code.pdf'
'ESI_Provident Fund code.pdf'
Git-2.48.1-64-bit.exe*
                                          get-docker.sh*
                                          invite.ics
                                          keypair.pem
                                         login- code (1).pdf'
'login- code.pdf'
 'GitHub & VS code.txt'
 IMG-20241114-WA0012.jpg
 Image_20250216_201338_813.jpeg
Image_20250216_201338_865.jpeg
                                          mykey1.pem
                                          npp.8.7.7.Installer.x64.exe*
 Image_20250216_201338_924.jpeg
                                          onboarding code.pdf
 LSBSetup.exe*
                                          putty-64bit-0.83-installer.msi
                                          usbcdkfw3704_2.exe*
 Staff Notification code.pdf'
 TeamViewer_Setup_x64.exe*
 _ENOVO_L480@DESKTOP-E238M55_MINGW64 ~/downloads
$ ssh -i keypair.pem ubuntu@18.212.173.49
The authenticity of host '18.212.173.49 (18.212.173.49)' can't be established.
ED25519 key fingerprint is SHA256:c7mqtpZlFb1bN5GWxJaWmri98IHwrghaBDLxTvRu6hU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

Check the Docker First

Command: docker

Update your system

Command: sudo apt update -y

```
ubuntu@ip-172-31-95-166:~$ docker

Command 'docker' not found, but can be installed with:
sudo snap install docker  # version 27.5.1, or
sudo snap install docker  # version 27.2.0
sudo apt install docker.io  # version 24.0.7-Oubuntu4.1
sudo apt install podman-docker # version 4.9.3+ds1-1ubuntu0.2
See 'snap info <snapname>' for additional versions.
ubuntu@ip-172-31-95-166:~$ sudo apt update -y
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu.noble InRelease
```

Now install Docker

Command: curl -fsSL https://get.docker.com -o get-docker.sh && sh get-docker.sh

```
134 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-95-166:~$ curl -fsSL https://get.docker.com -o get-docker.sh && sh get-docker.sh
# Executing docker install script, commit: 4c94a56999e10efcf48c5b8e3f6afea464f9108e
```

Now check docker

Command: docker

When installing Docker, you can use the command "curl fsSL https://get.docker.com -o get-docker.sh" to download the installation script, followed by executing the script using the "sh" command. This process is quick and easy, and once Docker is installed, you can enjoy its many benefits, such as the ability to easily create and run containers for your applications.

Command: docker info

Command: docker image Is

Command: docker container Is

Server:
ERROR: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/info": dial unix
var/run/docker.sock: connect: permission denied
ubuntu@pi=272-31-95-166.s docker inage ls
permission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Head "http://%2Fvar%2Frun%2Fdocker.sock/_ping": dial unix /var/run/docker.sock
ubuntu@pi=172-31-95-166.s docker inage ls
permission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Head "http://%2Fvar%2Frun%2Fdocker.sock/_ping": dial unix /var/run/docker.sock
ubuntu@pi=172-31-95-166.s docker container ls
permission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.48/containers/json": dial upermission denied while trying to connect to the Docker daemon socket at unix://var/run/docker.sock: Get "http://war%2Fun%2Fdocker.sock/v1.

To run the docker related work, without sudo access, add the current user to the docker group.

Command: sudo usermod -aG <group> <user-name>

Note: group = **docker**

User-name = **ubuntu**

Command: sudo usermod -aG docker ubuntu

Command: logout

The command above allows you to add a user to a specific group. To be more precise, the "**sudo usermod**" command is used to modify a user's account details, with "-**aG**" specifying the group to which the user will be added. In the example provided, the group is "**docker**" and the user is "**ubuntu**". Once again ssh back into docker host and start executing docker commands.

Command: docker info

Command: docker image Is

Command: docker container Is

• docker info: This will display system-wide information about the Docker installation on your machine, including the version number, the number of containers and images, and the status of your containers.

```
ubuntu@ip-172-31-95-166:~$ docker info
Client: Docker Engine - Community
Version:
               28.0.1
               default
Context:
Debug Mode: false
Plugins:
 buildx: Docker Buildx (Docker Inc.)
    Version: v0.21.1
 Path: /usr/libexec/docker/cli-plugins/docker-buildx compose: Docker Compose (Docker Inc.)
    Version: v2.33.1
Path: /usr/libexec/docker/cli-plugins/docker-compose
server:
Containers: 0
 Running: 0
 Paused: 0
 Stopped: 0
 Images: 0
Server Version: 28.0.1
Storage Driver: overlay2
 Backing Filesystem: extfs
Supports d_type: true
Using metacopy: false
Native Overlay Diff: true
userxattr: false
Logging Driver: json-file
Cgroup Driver: systemd
Cgroup Version: 2
Plugins:
 Volume: local
 Network: bridge host ipvlan macvlan null overlay
 Log: awslogs fluentd gcplogs gelf journald json-file local splunk syslog
Swarm: inactive
Runtimes: io.containerd.runc.v2 runc
Default Runtime: runc
Init Binary: docker-init
containerd version: bcc810d6b9066471b0b6fa75f557a15a1cbf31bb
runc version: v1.2.4-0-g6c52b3f
init version: de40ad0
Security Options:
 apparmor
 seccomp
   Profile: builtin
  cgroupns
Kernel Version: 6.8.0-1021-aws
```

- docker image Is: This will show a list of all the images that are currently stored on your machine. You can use this command to find the image you need for your application.
- docker container Is: This will display a list of all the containers that are currently running on your machine. You can use this command to check the status of your containers and to manage them as needed.

Setup Containers

Setup Nginx Container

To get started with using Nginx in a Docker container, you can begin by pulling the Nginx image from the Docker Hub registry using the command:

Check the image is available or not

Command: docker image Is

If image is not available pull the image now

Command: docker pull nginx

Now check the image

Command: docker image Is

```
ubuntu@ip-172-31-95-166:~$ docker
                                        image 1s
REPOSITORY TAG
                           IMAGE ID
                                        CREATED
                                                    SIZE
ubuntu@ip-172-31-95-166:~$ docker container
                                                   ٦s
CONTAINER ID IMAGE COMMAND CREATED ubuntu@ip-172-31-95-166:~$ docker pull nginx
                                                     STATUS
                                                                 PORTS
                                                                             NAMES
Using default tag: latest
latest: Pulling from library/nginx
7cf63256a31a: Pull complete
bf9acace214a: Pull complete
513c3649bb14: Pull complete
d014f92d532d: Pull complete
9dd21ad5a4a6: Pull complete
943ea0f0c2e4: Pull complete
103f50cb3e9f: Pull complete
Digest: sha256:9d6b58feebd2dbd3c56ab5853333d627cc6e281011cfd6050fa4bcf2072c9496
Status: Downloaded newer image for nginx:latest docker.io/library/nginx:latest ubuntu@ip-172-31-95-166:~$ docker image ls
               TAG
REPOSITORY
                           IMAGE ID
                                                             SIZE
               latest
                           b52e0b094bc0
                                             3 weeks ago
                                                             192MB
ubuntu@ip-172-31-95-166:~$
```

Creating a volume

Creating volume with name

Command: docker volume create employee-asset-volume

```
ubuntu@ip-172-31-95-166:~$ docker volume create employee-asset-volume employee-asset-volume ubuntu@ip-172-31-95-166:~$ docker volume ls
DRIVER VOLUME NAME
local employee-asset-volume
ubuntu@ip-172-31-95-166:~$ |
```

Inspect the employee-asset-volume to check the path of the volume

Command: docker volume inspect employee-asset-volume

Check the path, inside the volume do we have any files inside path

Command: sudo ls /var/lib/docker/volumes/employee-asset-volume/_data

```
lbuntu@ip-172-31-95-166:~$ sudo ls /var/lib/docker/volumes/employee-asset-volume/_data
lbuntu@ip-172-31-95-166:~$|
```

Now create a container using volume = employee-asset-volume

Command: docker container run -dt --name employee22 -p 8055:80 -v employee-asset-volume:/usr/share/nginx/html nginx

Now check the volume path is there any files by using below command

Command: sudo cat /var/lib/docker/volumes/employee-asset-volume/_data/index.html

Now go inside the container by using below command:

Command: docker container exec -it employee22 bash

Command: Is /usr/share/nginx/html

```
ubuntu@ip-172-31-95-166:~$ docker container exec -it employee22 bash root@66fb1d38be81:/# ls /usr/share/nginx/html
50x.html index.html
root@66fb1d38be81:/# rm -rf /usr/share/nginx/html/*
root@66fb1d38be81:/# ls /usr/share/nginx/html
root@66fb1d38be81:/# |
```

Update the system with below command:

Command: apt update -y

```
root@66fbld38be81:/# apt update -y
Get:1 http://deb.debian.org/debian bookworm InRelease [151 kB]
Get:2 http://deb.debian.org/debian bookworm-updates InRelease [55.4 kB]
Get:3 http://deb.debian.org/debian-security bookworm-security InRelease [48.0 kB]
Get:4 http://deb.debian.org/debian bookworm/main amd64 Packages [8792 kB]
Get:5 http://deb.debian.org/debian bookworm-updates/main amd64 Packages [13.5 kB]
Get:6 http://deb.debian.org/debian-security bookworm-security/main amd64 Packages [246 kB]
Fetched 9306 kB in 1s (6281 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
```

To Install git use below command:

Command: apt install -y git

```
root@66fbld38be81:/# apt install -y git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
    git-man less libcbor0.8 libcurl3-gnutls liberror-perl libfido2-1 libgdbm-compat4 libgdbm6 libperl5.36 liperl-modules-5.36 xauth
Suggested packages:
    git-daemon-run | git-daemon-sysvinit git-doc git-email git-gui gitk gitweb git-cvs git-mediawiki git-svi ssh-askpass ed diffutils-doc perl-doc libterm-readline-gnu-perl | libterm-readline-perl-perl make libtal
The following NEW packages will be installed:
    git git-man less libcbor0.8 libcurl3-gnutls liberror-perl libfido2-1 libgdbm-compat4 libgdbm6 libperl5.
```

Now list the path with below command:

Command: Is /usr/share/nginx/html

Remove the files which are inside nginx path with below command:

Command: rm -rf /usr/share/nginx/html/*

Now list the path and check do you find any files after deleting?

Command: Is /usr/share/nginx/html

Now clone the Application URL code files from github with below command:

Command: git clone https://github.com/Mahithamoyella/employee-leave-codenew.git /usr/share/nginx/html/

```
root@66fbld38be81:/# git clone https://github.com/Mahithamoyella/employee-leave-code-new.git /usr/share/nginx/html/

cloning into '/usr/share/nginx/html'...
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 3 (delta 0), pack-reused 0 (from 0)

Receiving objects: 100% (6/6), 4.89 KiB | 4.89 MiB/s, done.
```

Now exit from container

Command: exit

```
root@66fb1d38be81:/# exit
exit
ubuntu@ip-172-31-95-166:~$ |
```

Now browse the IP address with port number 8055

Employee Leave Request Portal

New Request	Leave History		
Employee ID:			
Leave Type:			
Annual Leave			
Start Date:			
dd-mm-yyyy			
End Date:			
dd-mm-yyyy			
Reason:			

Now you are back to host, and lets check the path of the volume with below command

Command: sudo ls /var/lib/docker/volumes/employee-asset-volume/_data

Note: Here you can see the URL code files

ubuntu@ip-172-31-95-166:~\$ sudo ls /var/lib/docker/volumes/employee-asset-volume/_data README.md index.html ubuntu@ip-172-31-95-166:~\$ | Now check the docker containers with Is command

Command: docker container Is

Now delete the container which you have created employee22 container

```
        ubuntu@ip-172-31-95-166:-$ docker container rm -f employee22
        employee22

        employee22 ubuntu@ip-172-31-95-166:-$ docker container ls rm -f employee22
        cmm - f employee22

        cubuntu@ip-172-31-95-166:-$ docker container ls rm -f employee24
        cmm - f employee24

        contAINLER ln IMAGE
        cmm - f employee24

        d6af7daa86e5 shreyas978/ats-leave-manage-code d39be391Ldd daddlasahith/app-leave
        "/docker-entrypoint..."
        23 minutes ago
        Up 23 minutes
        0.0.0.0:8094->80/tcp, [::]:8094->80/tcp
        employee12

        employee12 s983d36/cdf5 ddfs daddlasahith/app-leave
        "/docker-entrypoint..."
        40 minutes ago
        Up 46 minutes
        0.0.0.0:8091->80/tcp, [::]:8091->80/tcp
        employee12

        employee12 s983d36/cdf5 ddfs daddlasahith/employee-asset ubuntu@ip-172-31-95-166:-$ [**]
        "/docker-entrypoint..."
        46 minutes ago
        Up 46 minutes
        0.0.0.0:8091->80/tcp, [::]:8091->80/tcp
        employee11
```

After deleting the containers also still you created volume are available to check use below command

Command: docker volumes Is

Now inspect the volume to take volume path

Command: docker volume inspect employee-asset-volume

Now list the path of the volume and check Application code files are available or not.

Command: sudo ls /var/lib/docker/volumes/employee-asset-volume/_data

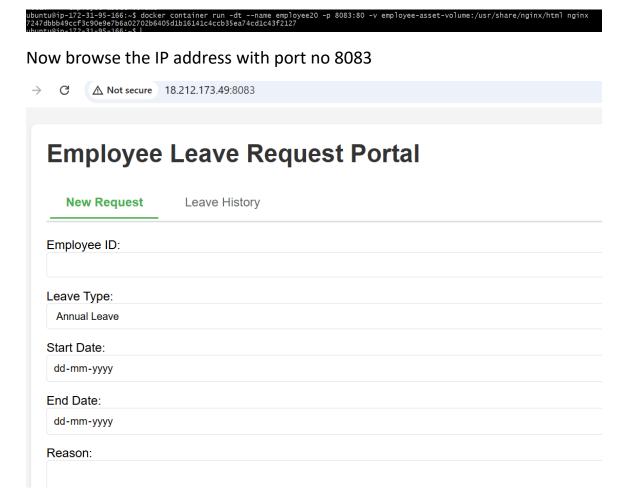
Output: README.md index.html

Note: By using volume **employee-asset-volume** you can create multiple containers to load the same application.

For Example : create a one more container with same volume (employee-asset-

volume) with port no and go to browser and check the application is loading or not.

Command: docker container run -dt --name employee20 -p 8083:80 -v employee-asset-volume:/usr/share/nginx/html nginx



HOST VOLUMES

On Host clone the Application URL From github

Command: git clone https://github.com/Mahithamoyella/employee-leave-codenew.git

```
ubuntu@ip-172-31-95-166:~$ git clone https://github.com/Mahithamoyella/employee-leave-code-new.git Cloning into 'employee-leave-code-new'... 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 3 (delta 0), pack-reused 0 (from 0) Receiving objects: 100% (6/6), 4.89 KiB | 1.63 MiB/s, done. ubuntu@ip-172-31-95-166:~$ ls employee-leave-code-new get-docker.sh ubuntu@ip-172-31-95-166:~$ cd employee-leave-code-new ubuntu@ip-172-31-95-166:~\employee-leave-code-new$ README.md index.html ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ |
```

Now create a container on host level with nginx path

Command: docker container run -dt --name employee25 -p 8067:80 -v ~/employee-leave-code-new:/usr/share/nginx/html nginx

buntu@ip-172-31-95-166:-/employee-leave-code-new\$ docker container run -dtname employee25 -p 8067:80 -v -/employee-leave-code-new:/usr/share/nginx/html nginx 9d2ba4783fc17736fedcc12cf49a2c5123d33608eb09cf27e9baeb89004 buntu@ip-172-31-95-166:-/employee-leave-code-new\$
On port 8067 page is available
C Not secure 18.212.173.49:8067

Employee Leave Request Portal

New Request	Leave History
Employee ID:	
Leave Type:	
Annual Leave	
Start Date:	
dd-mm-yyyy	
End Date:	
dd-mm-yyyy	
Reason:	

This is how host volumes will work.

CUSTOMIZED IMAGE

Command: Is

Output: employee-leave-code-new get-docker.sh

Command: cd employee-leave-code-new

Command: Is

Output: README.md index.html

```
ubuntu@ip-172-31-95-166:~$ ls

employee-leave-code-new get-docker.sh
ubuntu@ip-172-31-95-166:~$ cd employee-leave-code-new
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ ls
README.md index.html
```

Now create docker file with vi mode usinmg below command:

Command: vi dockerfile

```
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ vi dockerfile
```

From inside the dockerfile, we press i for insert mode and then enter following commands

command: FROM nginx

command: COPY . /usr/share/nginx/html

Now press **Esc** button and give :wq to save the file.



Command: Is

Output: README.md dockerfile index.html

After creating the dockerfile run this below command to build your own image

Command: docker build -t mahithamoyella/employee-leave-code-new.

Note: create a docker hub account

- Take username of docker hub (example- mahithamoyella)

Now create a own image name you want, with giving any name

- (example - employee-leave-code-new)

```
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ ls
README.md dockerfile index.html
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ docker build -t mahithamoyella/employee-leave-code-new .

[+] Building 0.5s (7/7) FINISHED

=> [internal] load build definition from dockerfile

=> => transferring dockerfile: 79B

=> [internal] load metadata for docker.io/library/nginx:latest

=> [internal] load dockerignore

=> => transferring context: 2B

=> [internal] load build context

=> >= transferring context: 75.69kB

=> [1/2] FROM docker.io/library/nginx:latest

=> [2/2] COPY . /usr/share/nginx/html

=> exporting to image

=> => exporting layers

=> >= writing image sha256:da70094f92219826773cc65b3b95dc2c4d22713dde07257413acbe90dlcaa783

=> >= naming to docker.io/mahithamoyella/employee-leave-code-new
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$
```

Now create a new container with port no

Command: docker container run -dt --name employee50 -p 8097:80 mahithamoyella/employee-leave-code-new

ubuntu@ip-172-31-95-166:-/employee-leave-code-new\$ docker container run -dt --name employee50 -p 8097:80 mahithamoyella/employee-leave-code-new 61690553380a7d72262568940a24bc91ae790252140458d845eb604c7d27ae1e

Browse and Check the URI:ipaddress:8097

\rightarrow G		∧ Not secure	18.212.173.49:8097

Employee Leave Request Portal

New Request	Leave History
Employee ID:	
Leave Type:	
Annual Leave	
Start Date:	
dd-mm-yyyy	
End Date:	
dd-mm-yyyy	
Reason:	

Now login into docker by using

command: docker login

```
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$ docker login

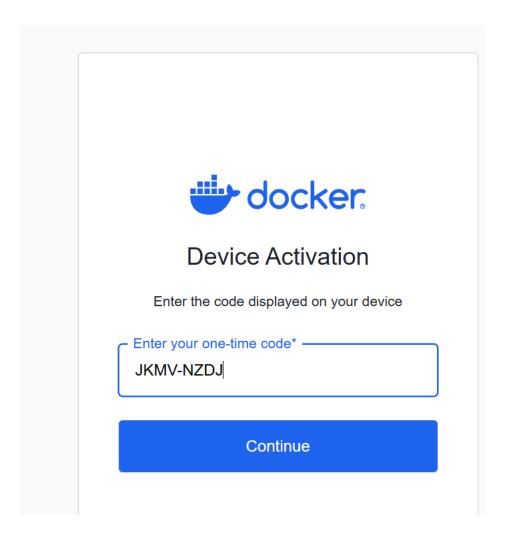
USING WEB-BASED LOGIN

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

Your one-time device confirmation code is: JKMV-NZDJ

Press ENTER to open your browser or submit your device code here: https://login.docker.com/activate
```

Now browse that url and paste that code and click on continue then click confirm.

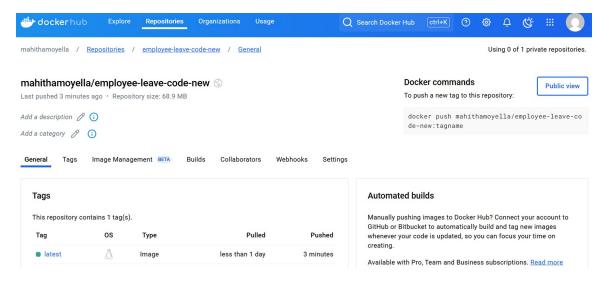


Now push image to docker hub

Command: docker push mahithamoyella/employee-leave-code-new

```
Using default tag: latest
The push refers to repository [docker.io/mahithamoyella/employee-leave-code-new Using default tag: latest
The push refers to repository [docker.io/mahithamoyella/employee-leave-code-new]
f2649f3c83f0: Pushed
55e964f42lc3: Mounted from daddlasahith/app-leave
7d22e2347c12: Mounted from daddlasahith/app-leave
f6d5815f290e: Mounted from daddlasahith/app-leave
791f0a07985c: Mounted from daddlasahith/app-leave
cabea05c000e: Mounted from daddlasahith/app-leave
c68632c455ae: Mounted from daddlasahith/app-leave
5f1ee22ffb5e: Mounted from daddlasahith/app-leave
latest: digest: sha256:2d1e80ff6f9d2lba83d8973024e1cbe5faf38046062034f53c716514e23f5e6 size: 1987
ubuntu@ip-172-31-95-166:~/employee-leave-code-new$
```

Go back you Docker hub now check the image is available or not



If we remove all containers and volumes also we get the files from this customized images in Docker Hub. This is how customized images will work.