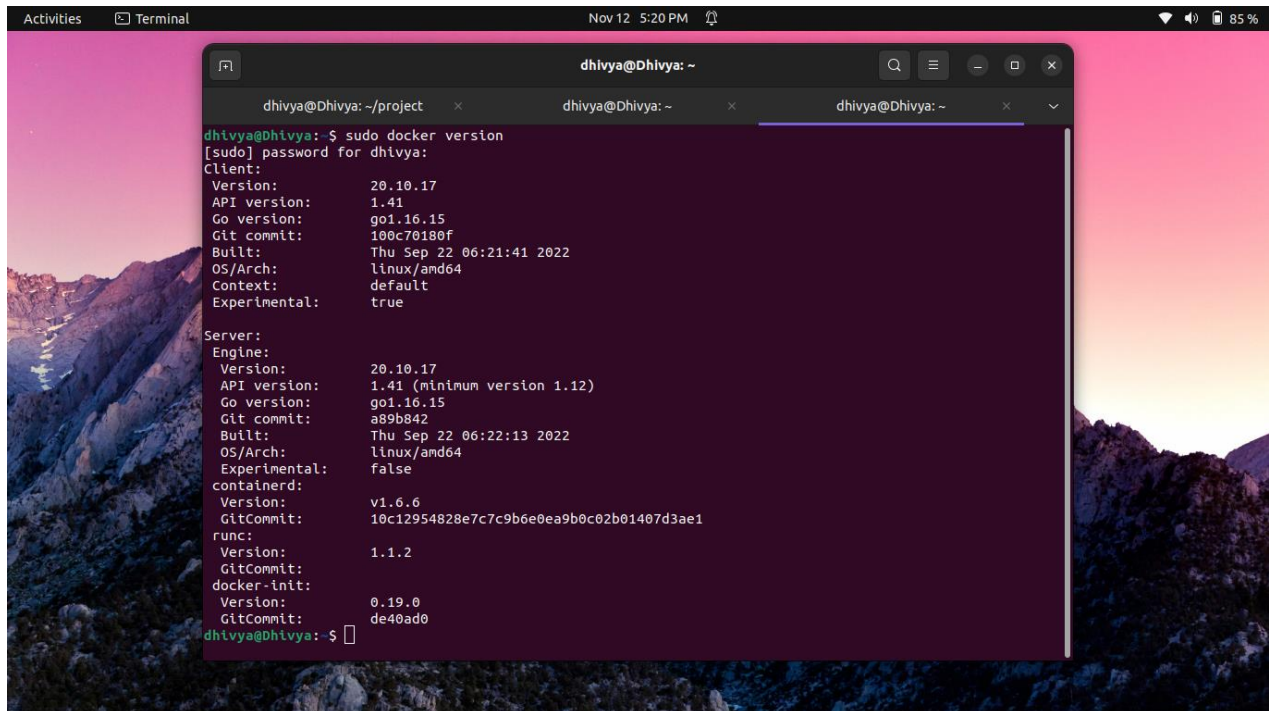


Setting up Application Environment

Docker CLI Installation

Date	12 November 2022
Team ID	PNT2022TMID29771
Project Name	Nutrition Assistant Application
Maximum Marks	



The screenshot shows a terminal window titled 'dhivya@Dhivya: ~' with three tabs. The active tab shows the command 'sudo docker version' and its output. The output is divided into 'Client:' and 'Server:' sections, each listing various version and configuration details. The background of the terminal window shows a mountain landscape.

```
dhivya@Dhivya: ~/project x dhivya@Dhivya: ~ x dhivya@Dhivya: ~
dhivya@Dhivya: $ sudo docker version
[sudo] password for dhivya:
Client:
 Version:           20.10.17
 API version:       1.41
 Go version:        go1.16.15
 Git commit:        100c70180f
 Built:             Thu Sep 22 06:21:41 2022
 OS/Arch:           linux/amd64
 Context:           default
 Experimental:      true

Server:
 Engine:
  Version:          20.10.17
  API version:      1.41 (minimum version 1.12)
  Go version:       go1.16.15
  Git commit:       a89b842
  Built:            Thu Sep 22 06:22:13 2022
  OS/Arch:          linux/amd64
  Experimental:     false
 containerd:
  Version:          v1.6.6
  GitCommit:        10c12954828e7c7c9b6e0ea9b0c02b01407d3ae1
 runc:
  Version:          1.1.2
  GitCommit:
 docker-init:
  Version:          0.19.0
  GitCommit:        de40ad0
dhivya@Dhivya: $
```

```
Activities Terminal Nov 12 5:22 PM 84 %

dhivya@Dhivya: ~

dhivya@Dhivya: ~/project
dhivya@Dhivya:~$ sudo docker pull hello-world
[sudo] password for dhivya:
Using default tag: latest
latest: Pulling from library/hello-world
Digest: sha256:faa03e786c97f07ef34423fccceec2398ec8a5759259f94d99078f264e9d7af
Status: Image is up to date for hello-world:latest
docker.io/library/hello-world:latest
dhivya@Dhivya:~$ sudo docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

dhivya@Dhivya:~$
```

```
Activities Terminal Nov 7 6:21 PM 94 %

dhivya@Dhivya: ~/dockerfiles

one.
Username: dhivya2409
Password:
Error response from daemon: Get "https://registry-1.docker.io/v2/": net/http: request canceled while waiting for connection (Client.Timeout exceeded while awaiting headers)
dhivya@Dhivya:~/dockerfiles$ sudo docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: dhivya2409
Password:
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
dhivya@Dhivya:~/dockerfiles$ sudo docker push dhivya2409/jobportal
Using default tag: latest
The push refers to repository [docker.io/dhivya2409/jobportal]
484be878b509: Pushed
64928859b6c6: Pushed
6f6e69c2c592: Mounted from library/python
53b8bfee7a0a: Mounted from library/python
5b3f1ed98915: Mounted from library/python
6b183c62e3d7: Mounted from library/python
882fd36bfd35: Mounted from library/python
d1dec9017039: Mounted from library/python
d38adf39e1dd: Mounted from library/python
4ed121b04368: Mounted from library/python
d9d07d703dd5: Mounted from library/python
latest: digest: sha256:493e24fc9d6f4517dfc9b1fb833dd772ad50300c0d86eca501a64227dd463366 size: 2631
dhivya@Dhivya:~/dockerfiles$
```

```
Activities Terminal Nov 12 6:00 PM 71 %

dhivya@Dhivya: ~
dhivya@Dhivya: ~/project
dhivya@Dhivya:~/project$ cd
dhivya@Dhivya:~$ sudo docker run dhivya2409/jobportal
[sudo] password for dhivya:
Job Portal Application
Enter job title: Traceback (most recent call last):
  File "/jobportal/app.py", line 2, in <module>
    jobtitle = input("Enter job title: ")
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
EOFError: EOF when reading a line
dhivya@Dhivya:~$ sudo docker run -ti dhivya2409/jobportal
Job Portal Application
Enter job title: Developer
Enter your name: Dhivya
Enter your qualification: B.E
Enter your skills: Python
Job Application Created Successfully
dhivya@Dhivya:~$
```