

# ASSIGNMENT

**SUBJECT:** NETWORKING AND SYSTEM ADMINISTRATION  
LAB

**TOPIC:** DOCKER INSTALLATION

**SUBMITTED ON:**  
**04-10-2021**

**SUBMITTED BY:**  
**ASHA S**  
**ROLL NO: 26**  
**BATCH: A**  
**REGULAR MCA**

## Step-I

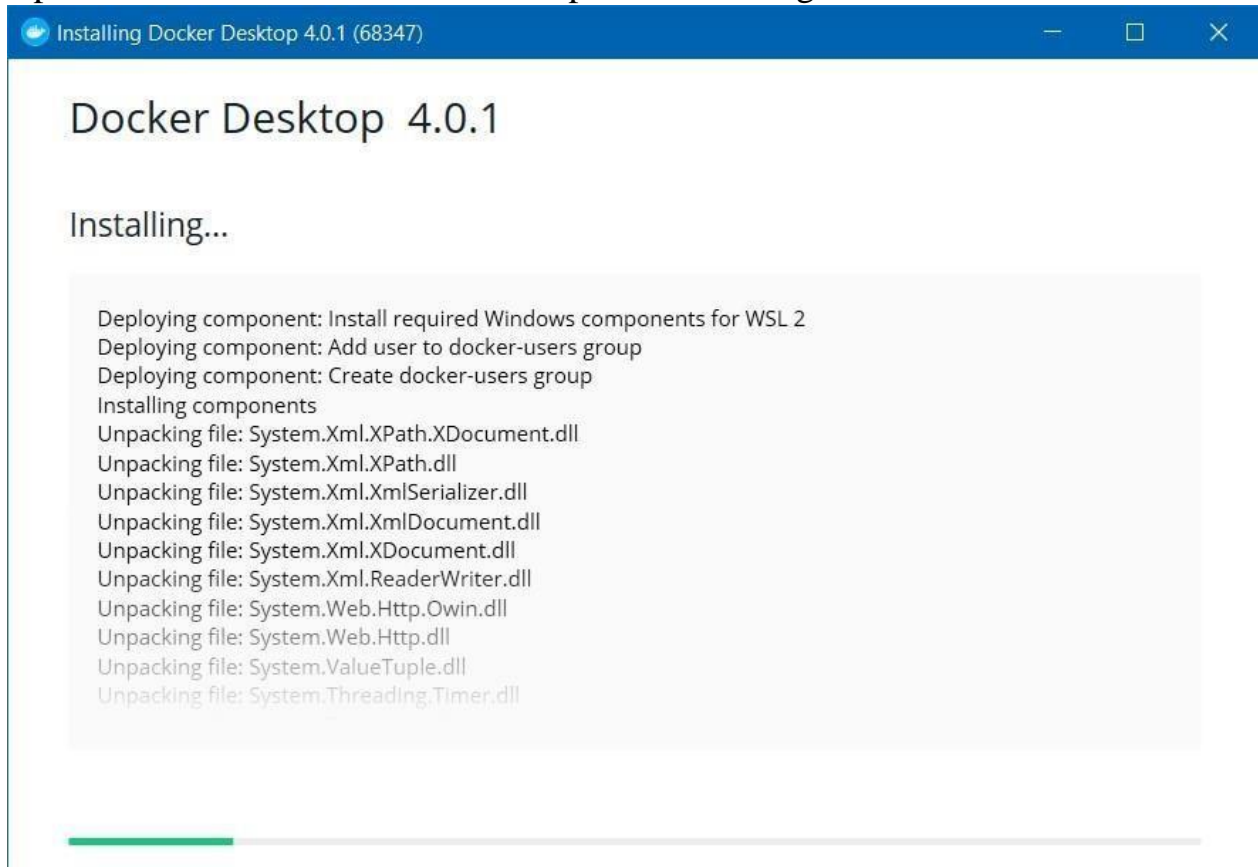
Download Docker Desktop installer for Windows from

<https://desktop.docker.com/win/main/amd64/Docker%20Desktop%20Installer.exe>

 Docker Desktop Installer	9/29/2021 2:51 PM	Application	522,896 KB
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## Step-II

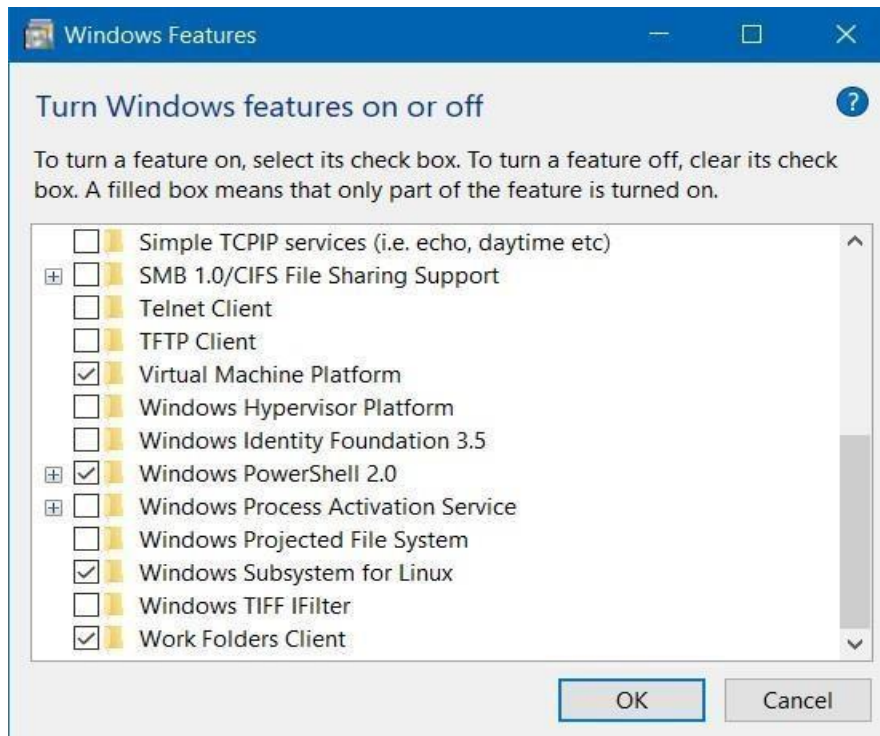
Open the .exe file and follow the steps after clicking install button.



## Step-III

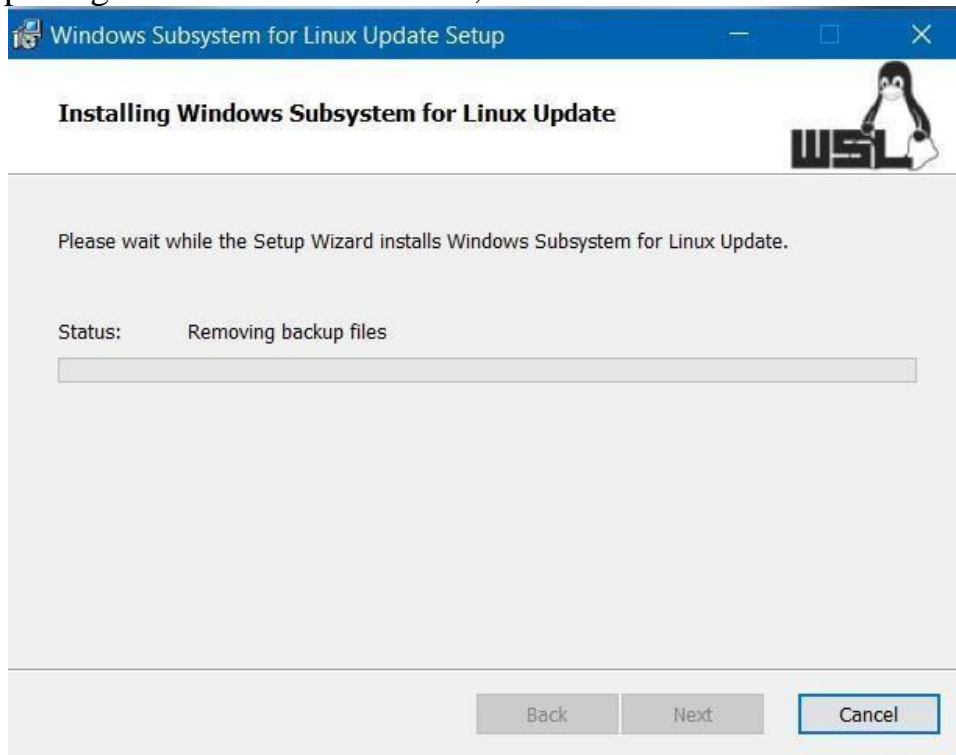
Once installed go to programs and features and click turn on windows features on or off

Scroll to the bottom and select windows subsystem for Linux



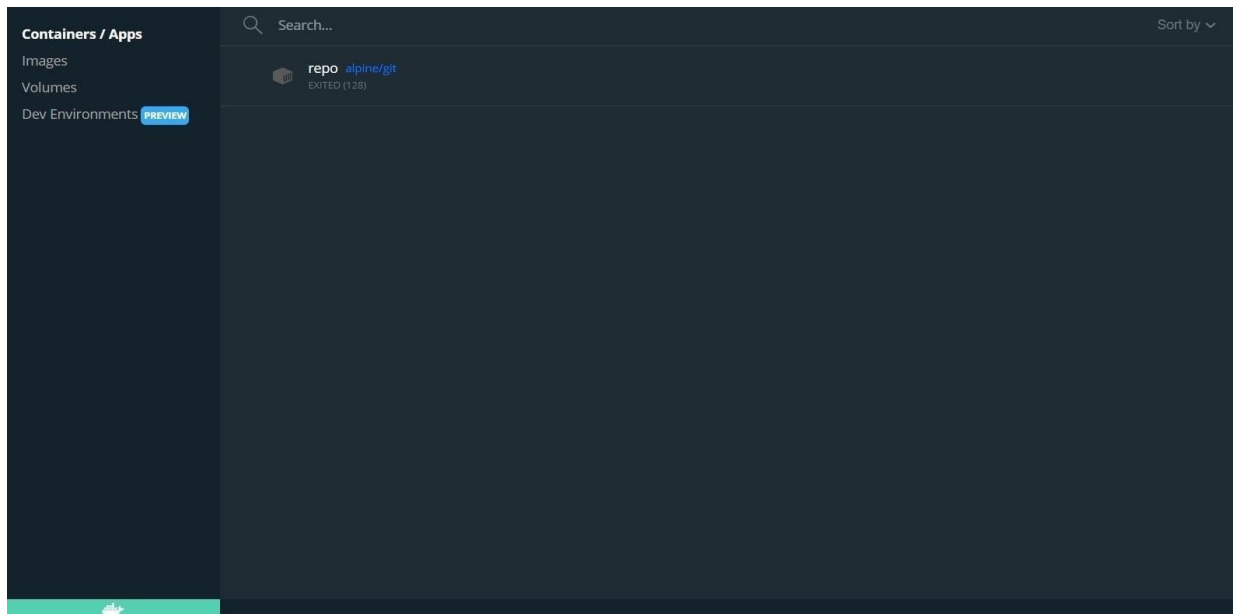
#### Step-IV

If any WSL 2 error occurs download windows subsystem for linux update package and install the .exe file, after the installation restart the windows device.



## Step-V

Once installed, open the docker desktop app, and signin using the docker ID



## Step-VI

Now pull any image from docker hub using the docker pull command in the command prompt (eg: docker pull ubuntu)

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.1081]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
docker: Error response from daemon: Get "https://registry-1.docker.io/v2/": dial tcp: lookup registry-1.docker.io on 192
.168.65.5:53: no such host.
See 'docker run --help'.

C:\Windows\system32>docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
f3ef4ff62e0d: Pull complete
Digest: sha256:65de08a8dabf289ef114053ab32f79e0c333a4fbfa1fe3778bb13ae921a7849b
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest

C:\Windows\system32>
```

Now in the images tab an image of ubuntu will be displayed, we can run the ubuntu instance using the cli.

Containers / Apps

Images

Volumes

Dev Environments PREVIEW

Images on disk

2 images

Total size: 97.95 MB

IN USE

UNUSED

Clean up...

LOCAL

REMOTE REPOSITORIES

☐ In Use only

NAME ↑	TAG	IMAGE ID	CREATED	SIZE
alpine/git	<div>IN USE</div> latest	37ca3b12dde9	6 days ago	25.18 MB
ubuntu	latest	597ce1600cf4	2 days ago	72.78 MB

