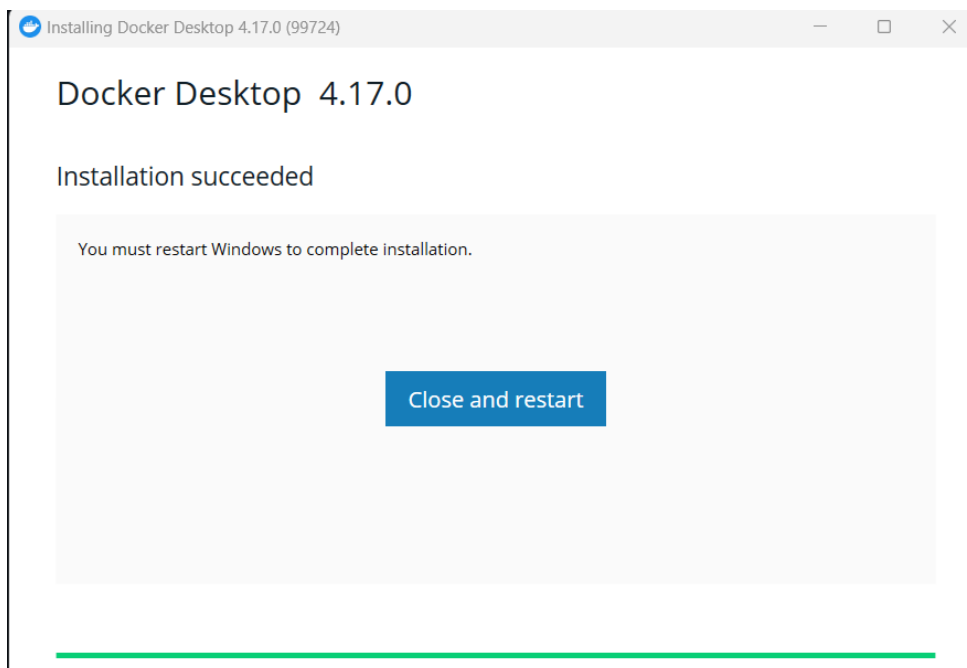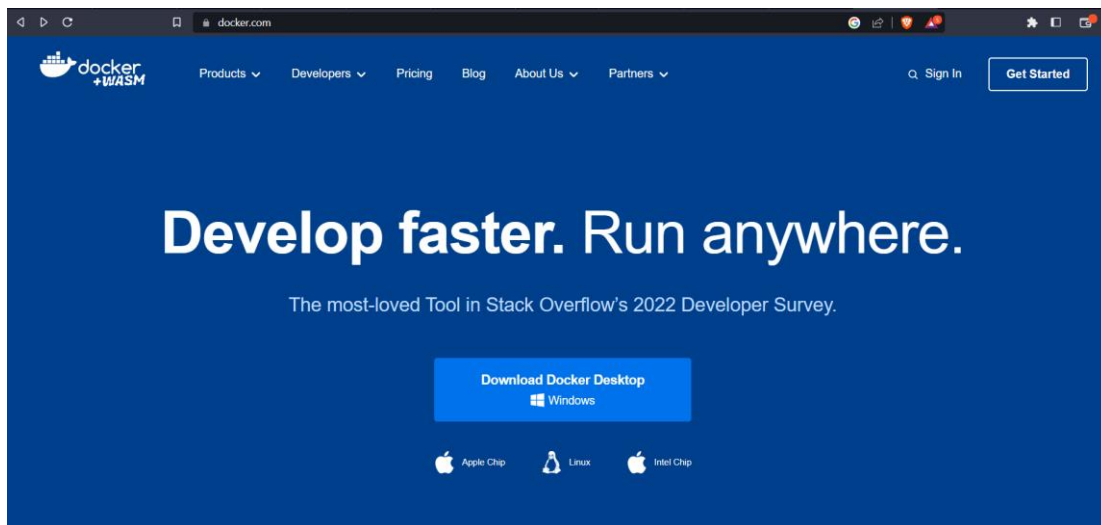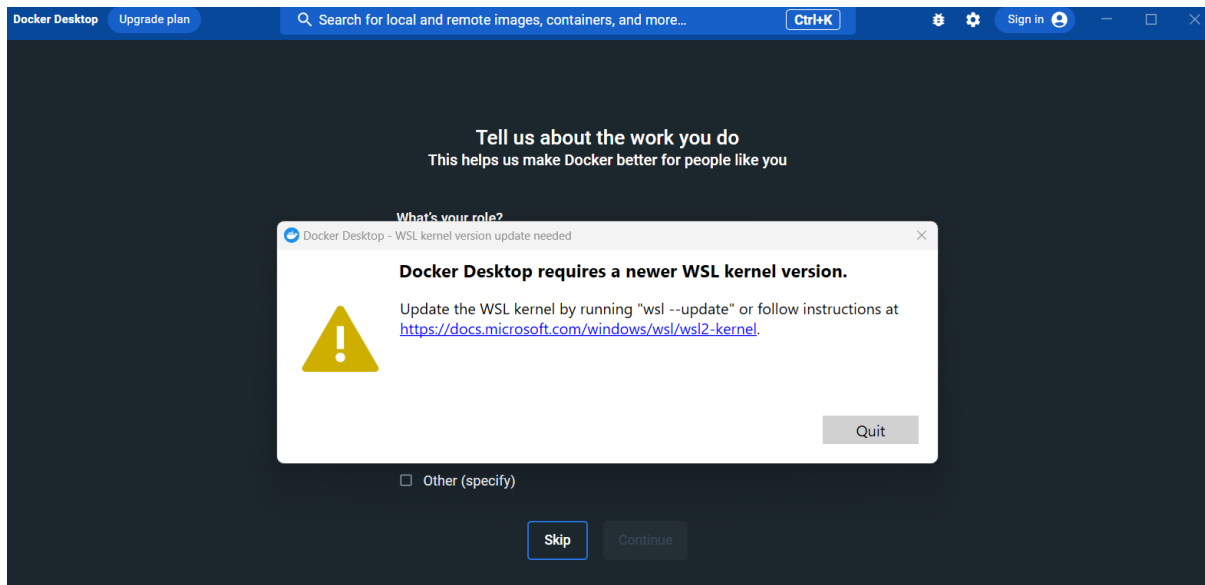1. Download Docker from the Official Website and wait for the installation to be completed. Grant the relevant access and permissions.

2. Download and install WSL2

- **Exploring Docker Commands**

Docker Images:

Starting a docker container:

- Listing out all the running containers: docker container ls
- Stopping a running container: docker container stop <id>

Starting another container from Image:

```
C:\Users\pronn>docker container run --publish 80:80 -d nginx
Unable to find image 'nginx:latest' locally
latest: Pulling from library/nginx
f1f26f570256: Pull complete
7f7f30930c6b: Pull complete
2836b727df80: Pull complete
e1eeb0f1c06b: Pull complete
86b2457cc2b0: Pull complete
9862f2ee2e8c: Pull complete
Digest: sha256:2ab30d6ac53580a6db8b657abf0f68d75360ff5cc1670a85acb5bd85ba1b19c0
Status: Downloaded newer image for nginx:latest
abb0e04a4bb71ae5f4c12e28c6880207f20bb50e6724c4b24c959bf26348e5aa
docker: Error response from daemon: driver failed programming external connectivi
594e31bac87a6c6620f): Bind for 0.0.0.0:80 failed: port is already allocated.
```
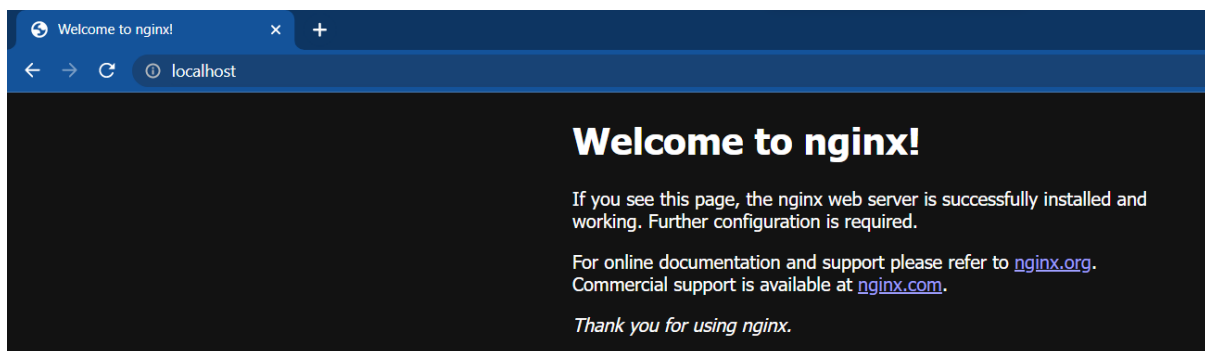
Nginx has been started:

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

Getting the log of a particular container

docker container logs <id>

```
C:\Users\pronn>docker container logs 8291
/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: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2023/04/02 04:14:02 [notice] 1#1: using the "epoll" event method
2023/04/02 04:14:02 [notice] 1#1: nginx/1.23.4
2023/04/02 04:14:02 [notice] 1#1: built by gcc 10.2.1 20210110 (Debian 10.2.1-6)
2023/04/02 04:14:02 [notice] 1#1: OS: Linux 5.10.102.1-microsoft-standard-WSL2
2023/04/02 04:14:02 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2023/04/02 04:14:02 [notice] 1#1: start worker processes
2023/04/02 04:14:02 [notice] 1#1: start worker process 29
2023/04/02 04:14:02 [notice] 1#1: start worker process 30
2023/04/02 04:14:02 [notice] 1#1: start worker process 31
2023/04/02 04:14:02 [notice] 1#1: start worker process 32
2023/04/02 04:14:02 [notice] 1#1: start worker process 33
2023/04/02 04:14:02 [notice] 1#1: start worker process 34
2023/04/02 04:14:02 [notice] 1#1: start worker process 35
2023/04/02 04:14:02 [notice] 1#1: start worker process 36
2023/04/02 04:14:02 [notice] 1#1: start worker process 37
2023/04/02 04:14:02 [notice] 1#1: start worker process 38
2023/04/02 04:14:02 [notice] 1#1: start worker process 39
2023/04/02 04:14:02 [notice] 1#1: start worker process 40
```