## 20MCA136-NETWORKING & ADMINISTRATION LAB

# Docker Installation & Run Ubuntu image in docker

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Since no Hyper-V backend and Windows container in the System

Step 1: Install WSL 2backend

Open windows PowerShell as administrator as run then command:

dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart

**Step 2:** Enable Virtual Machine feature

Open windows PowerShell as administrator and run

dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart

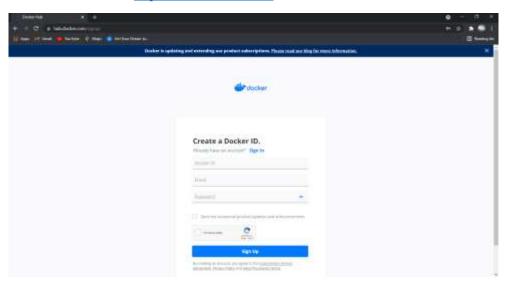
**Step 3:** Download the linux kernel update package from

https://docs.microsoft.com/en-us/windows/wsl/install-manual

And run and check version in powershell by

wsl --set-default-version 2

> Create an account in <a href="https://hub.docker.com/">https://hub.docker.com/</a>



- Sign in
- > Download Docker for desktop



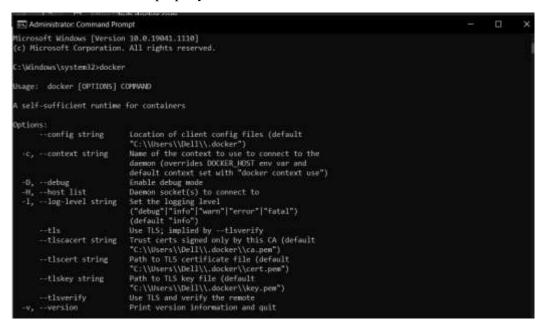
### > Run Docker desktop installer

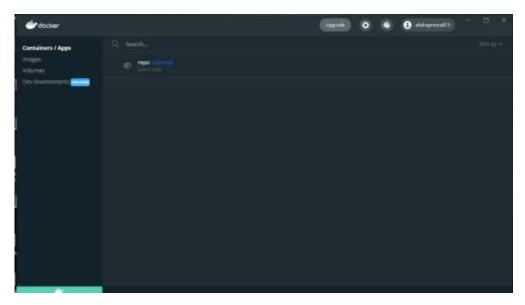


Dk .

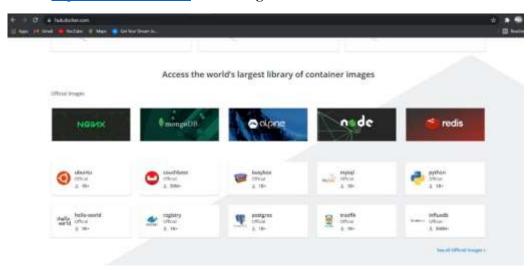
> Open cmd as run as administrator

### To check docker work properly

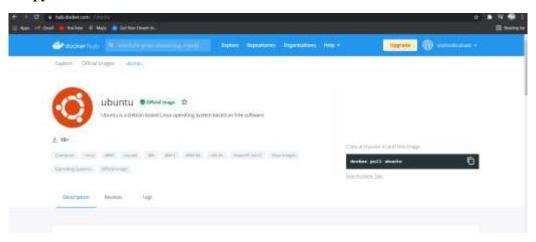




➤ Go to <a href="https://hub.docker.com/">https://hub.docker.com/</a> select image of ubuntu



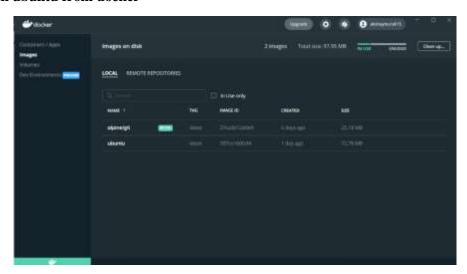
> Copy the command

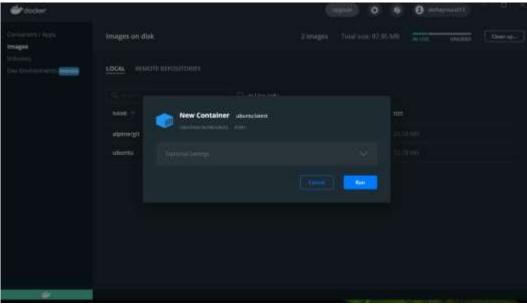


> And run that on cmd



### > Run ubuntu from docker





## > Another screen will open

