20MCA136-NETWORKING & ADMINISTRATION LAB

Docker Installation

&

Run Ubuntu image in docker

SUBMITTED BY,

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GRACE MISS

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

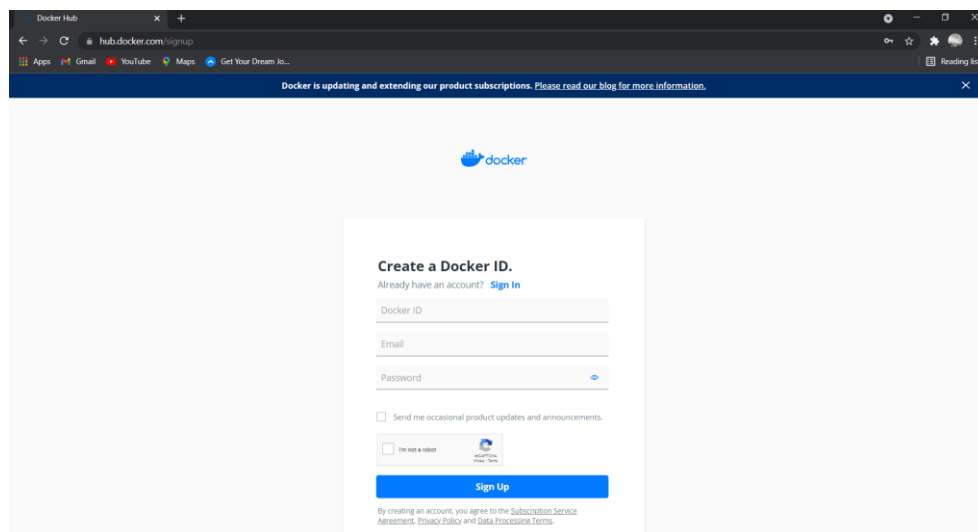dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart

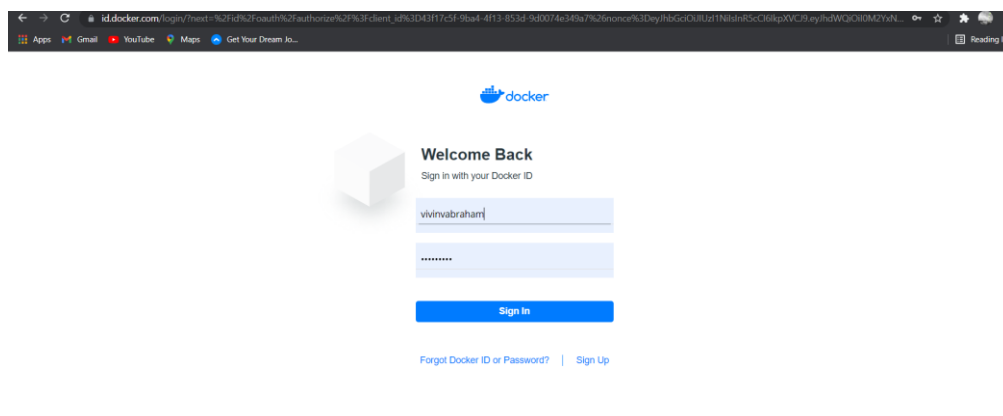**Step 3:** Download the linux kernel update package from

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 https://hub.docker.com/
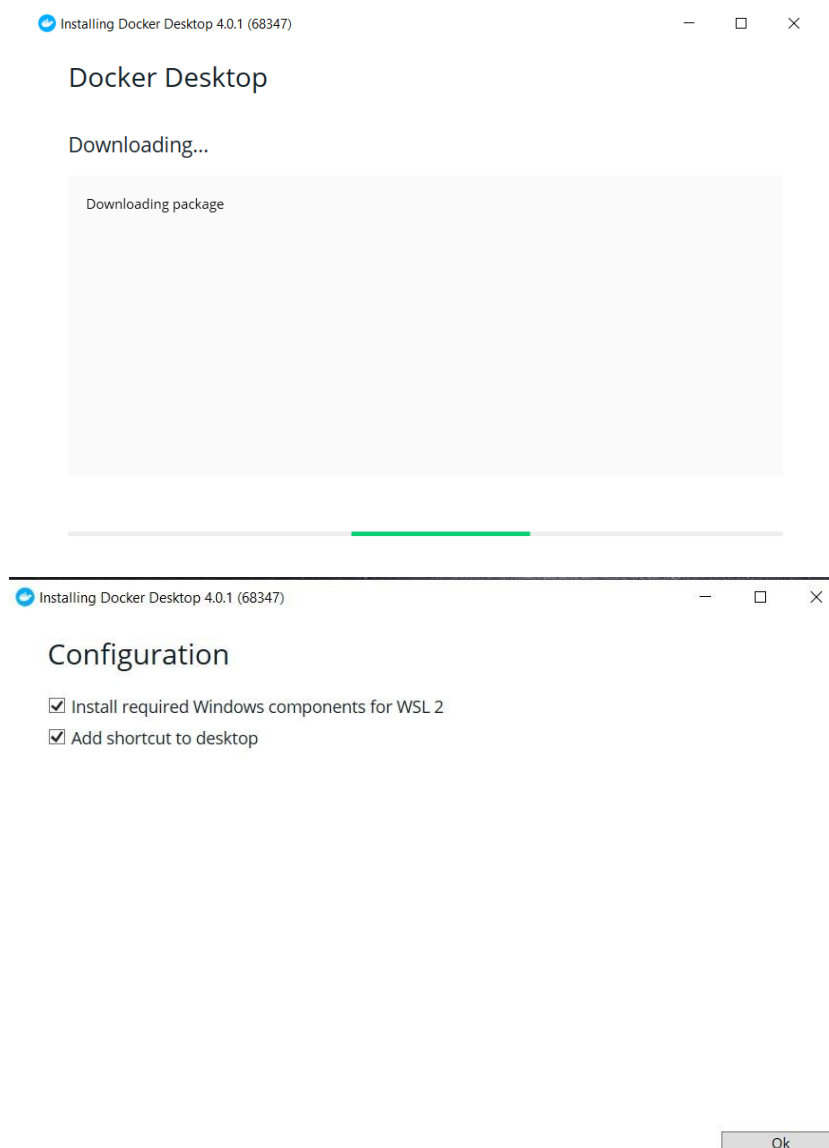

> **Sign in**

➢ **Download Docker for desktop**
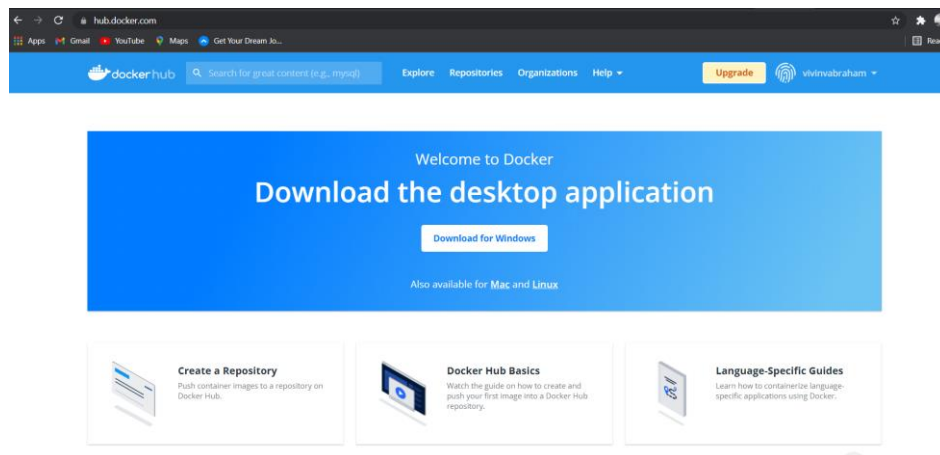
➢ **Run Docker desktop installer**

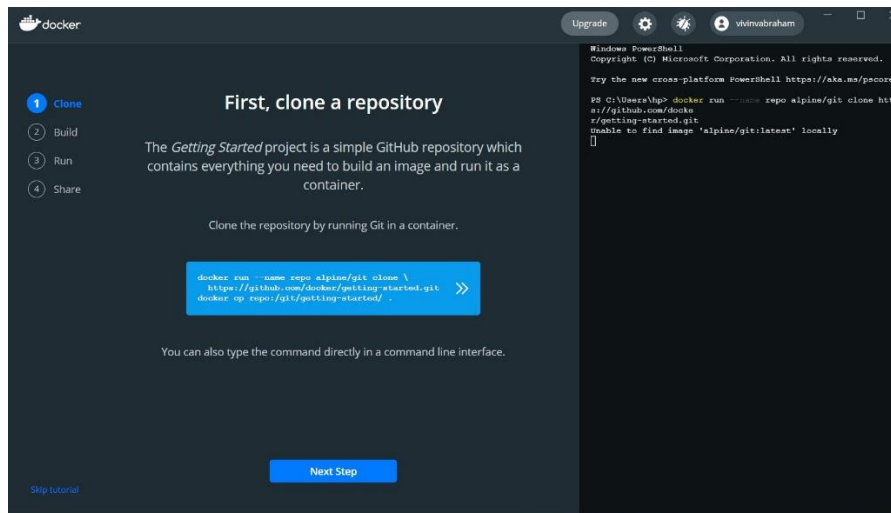➢ **Open cmd as run as administrator**

To check docker work properly

➢ **Open docker desktop and Sign in**
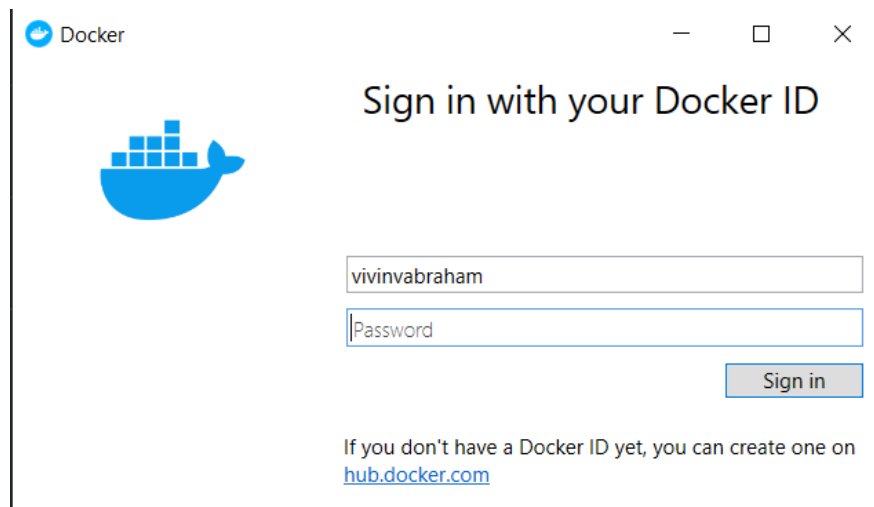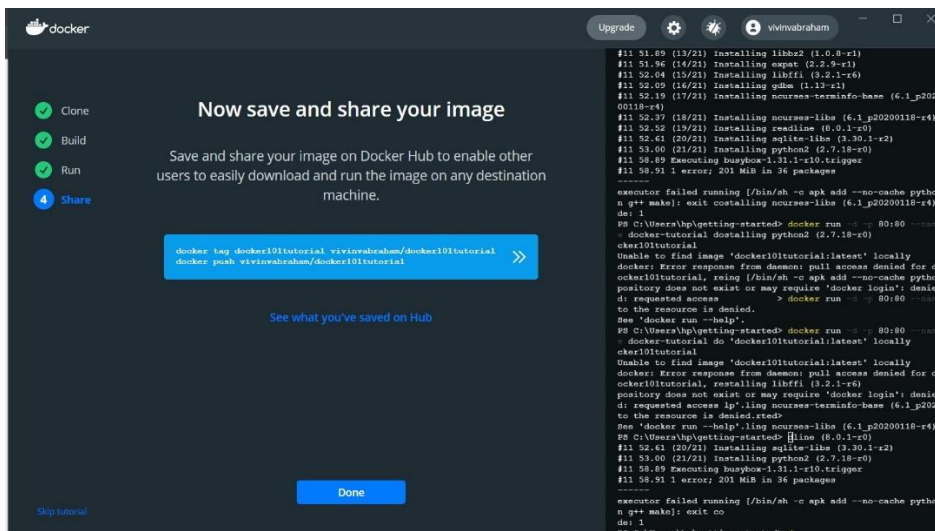
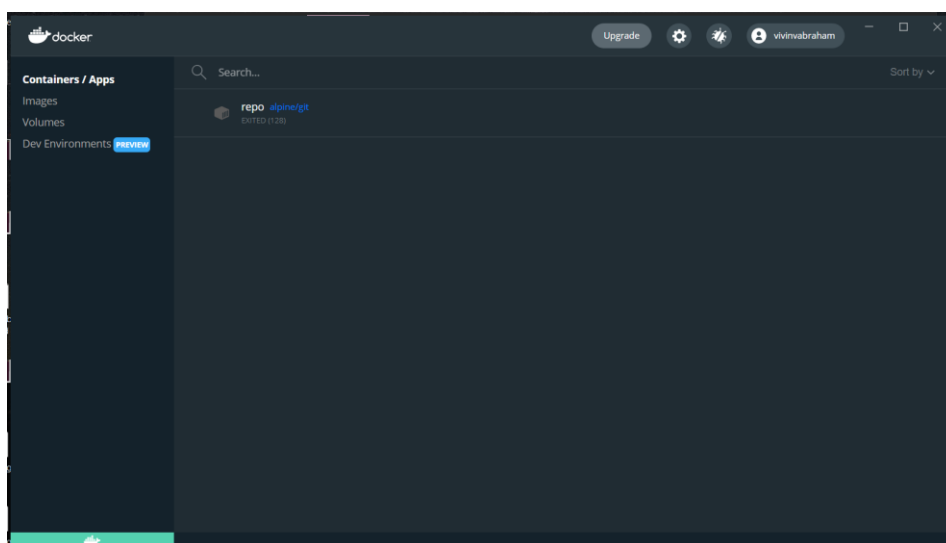➤ **Trial Steps to create container**
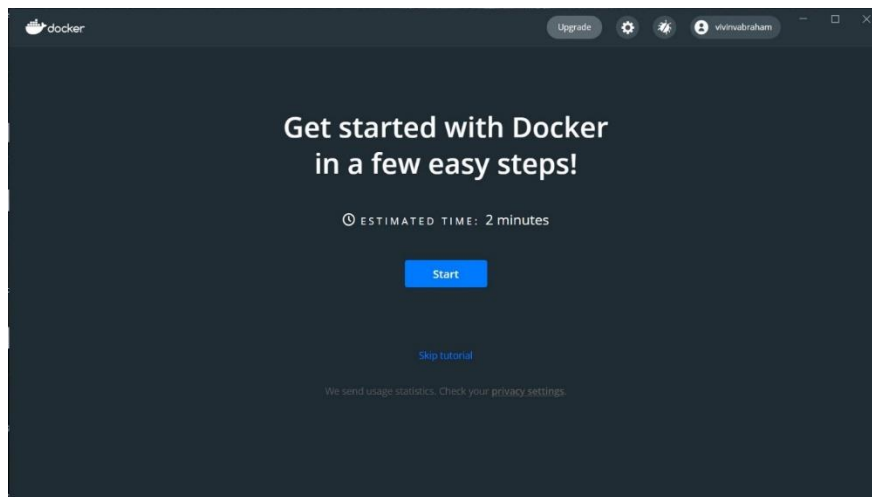
➤ **Clone**

➤ **Build**
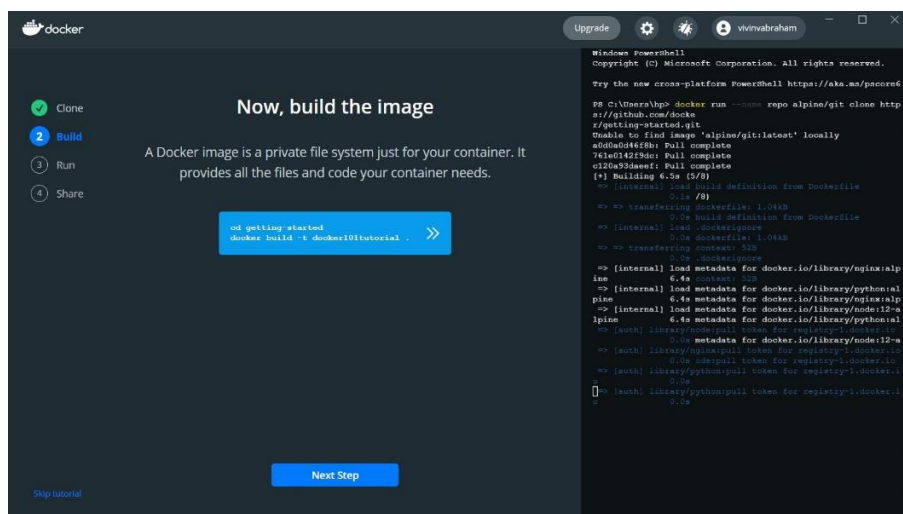
➤ **Run**
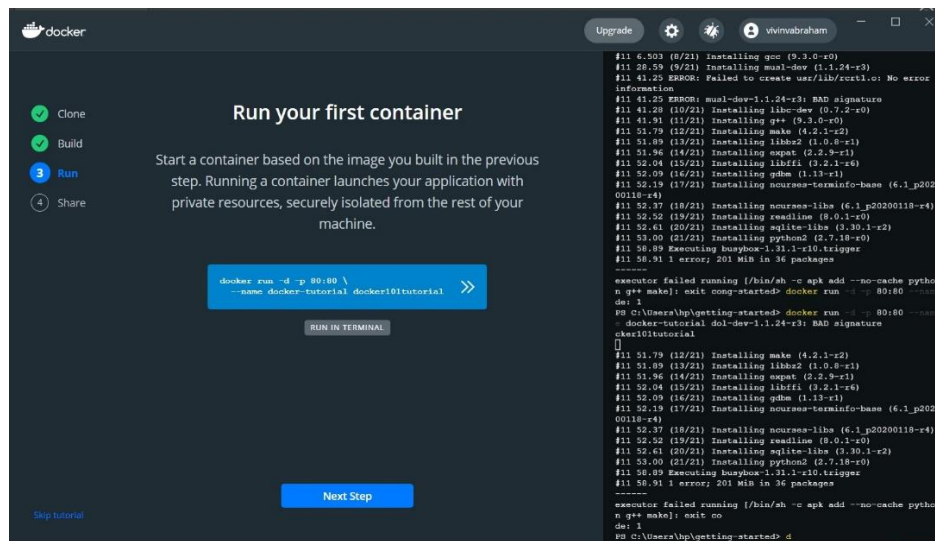
➤ **Share**

➤ **After this**

➢ **Go to** https://hub.docker.com/ **select image of ubuntu**
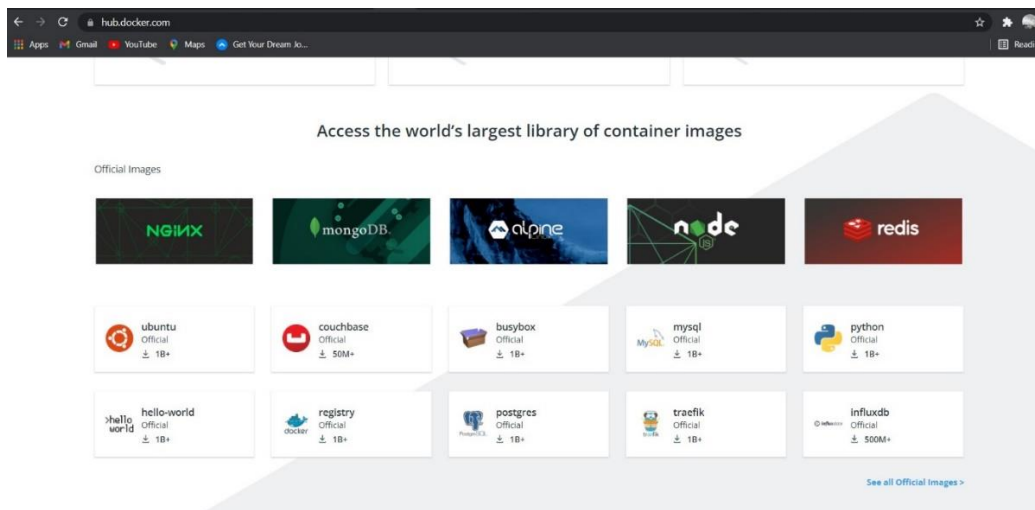
➢ **Copy the command**

➢ **And run that on cmd**

➢ **Run ubuntu from docker**

➢ **Another screen will open**