Experiment No. 1.2

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Semester: III
Subject Name: Containerization With Docker   **Subject Code:** 22CAH-742

1. Aim/Overview of the practical: Pulling Docker Images from Docker Hub

2. Code for experiment/practical:

Pulling Docker images from Docker Hub is a quick and easy way to get started with Docker. Docker Hub contains a wide variety of pre-built images that you can use to run a variety of applications.

To pull Docker images from Docker Hub, you can use the docker pull command. This command will download the image from Docker Hub and store it on your local machine.

For Example:
To pull a single image, simply specify the image name and tag. For example, to pull the latest version of the Nginx image, you would use the following command:

                              docker pull nginx:latest

To pull all images from a repository, use the -a flag. For example, to pull all images from the nginx repository, you would use the following command:

                              docker pull nginx:latest -a

Steps to Pull Image from Docker Hub:

- $ docker pull Image_Name
  Ex: docker pull nginx

```
PS C:\Users\Pinda> docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
578acb154839: Pull complete
e398db710407: Pull complete
85c41ebe6d66: Pull complete
7170a263b582: Pull complete
8f28d06e2e2e: Pull complete
6f837de2f887: Pull complete
c1dfc7e1671e: Pull complete
Digest: sha256:86e53c4c16a6a276b204b0fd3a8143d86547c967dc8258b3d47c3a21bb68d3c6
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest

What's Next?
  View summary of image vulnerabilities and recommendations → docker scout quickview nginx
PS C:\Users\Pinda> |
```
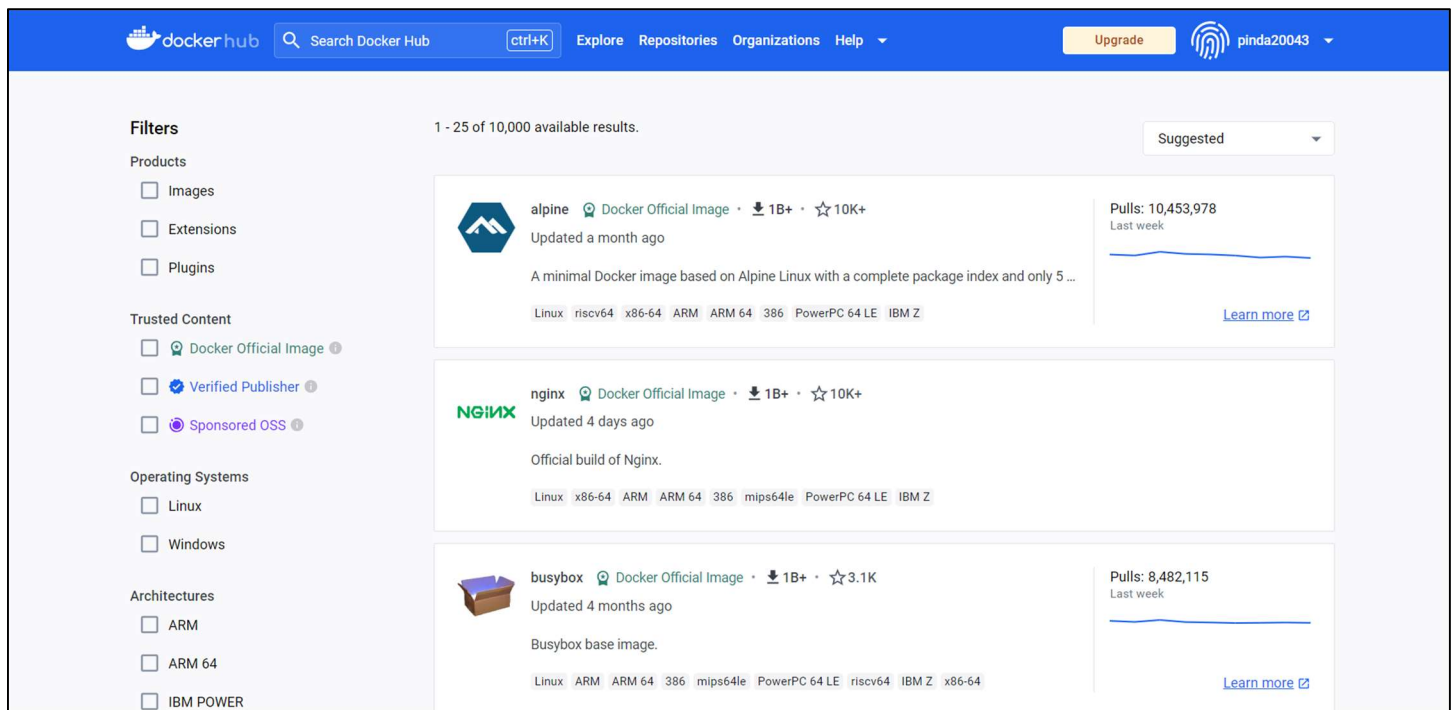
To Check if Image is pulled or not, Run $ docker images

```
PS C:\Users\Pinda> docker images
REPOSITORY    TAG      IMAGE ID       CREATED      SIZE
nginx         latest   c20060033e06   4 days ago   187MB
```

Image is available in docker engine and ready to use.

DockerHub:

3. Learning outcomes (What I have learned):

   a) To Understand the DockerHub.
   b) To Pull Images from DockerHub.
   c) Understand to use Docker Images commands.