

# SETTING UP THE APPLICATION ENVIRONMENT

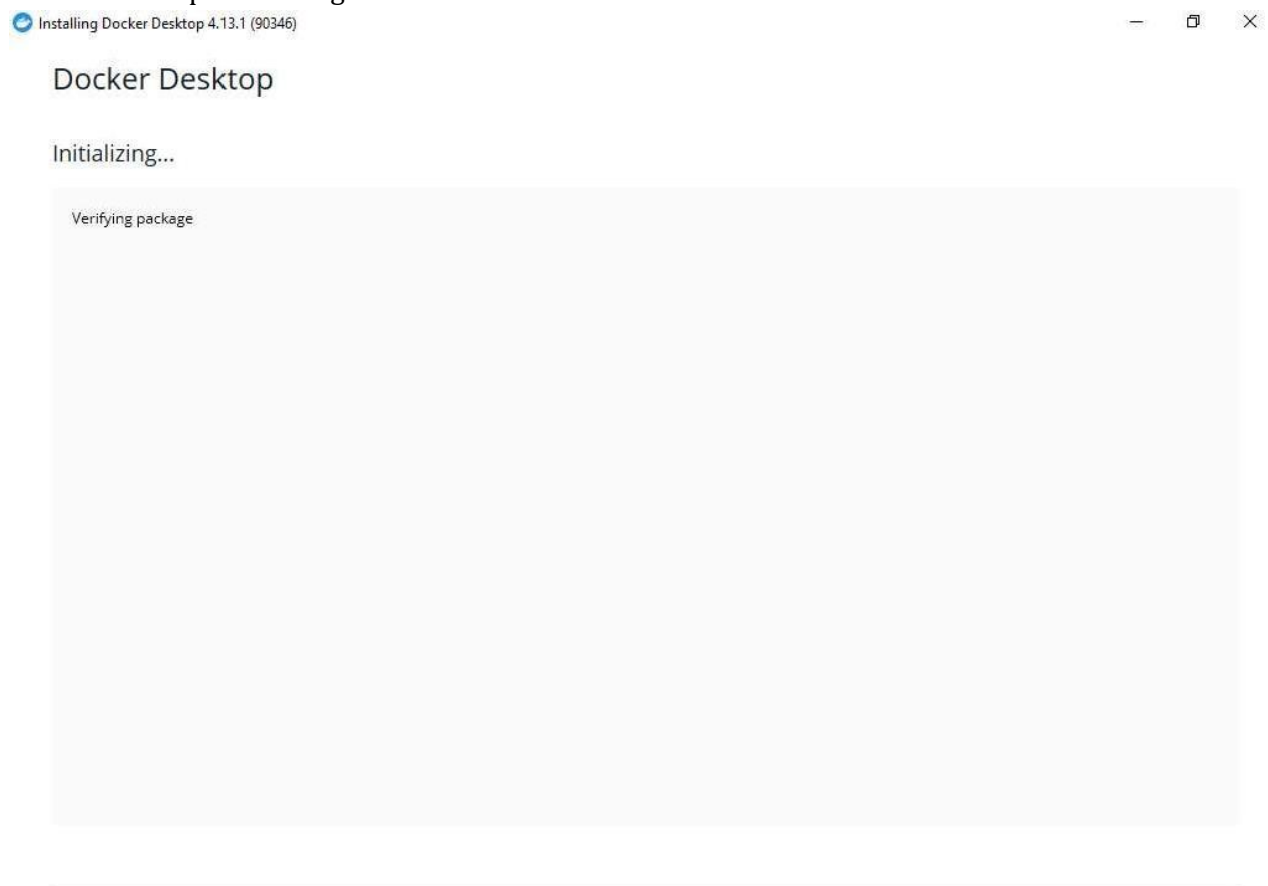
## Docker CLI Installation

Date	9November 2022
Team ID	PNT2022TMID17615
Project Name	Inventory Management System For Retailer

Docker CLI Installation: commands

```
>> start /w "" "Docker Desktop Installer.exe" install
```

Docker Desktop initializing:



## Docker CLI installation

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1766]
(c) Microsoft Corporation. All rights reserved.

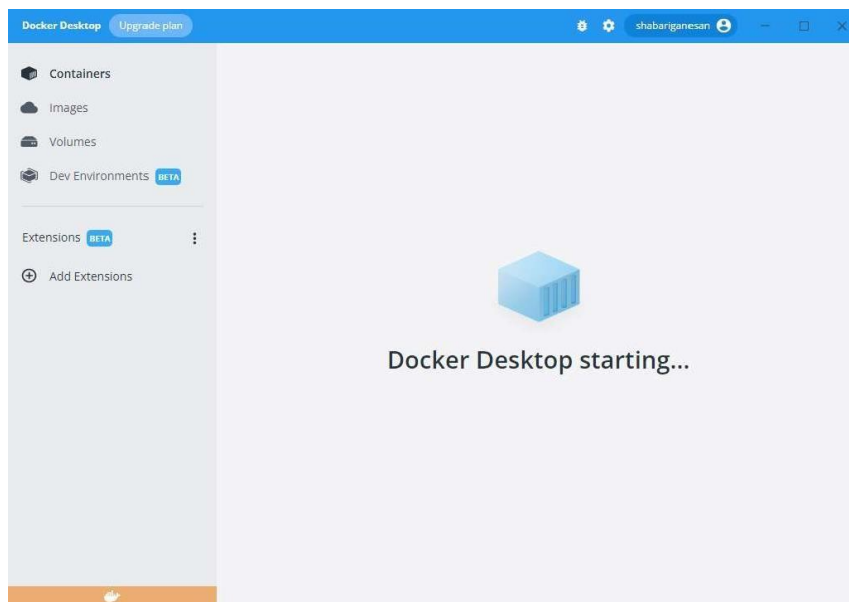
C:\Users\ADMIN>docker

Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\Users\ADMIN\.docker")
  -c, --context string  Name of the context to use to connect to the
                        daemon (overrides DOCKER_HOST env var and
                        default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level
                        ("debug"|"info"|"warn"|"error"|"fatal")
                        (default "info")
  --tls                Use TLS; implied by --tlsverify
  --tlscacert string    Trust certs signed only by this CA (default
                        "C:\Users\ADMIN\.docker\ca.pem")
  --tlscert string      Path to TLS certificate file (default
                        "C:\Users\ADMIN\.docker\cert.pem")
  --tlskey string        Path to TLS key file (default
                        "C:\Users\ADMIN\.docker\key.pem")
  --tlsverify           Use TLS and verify the remote
  -v, --version         Print version information and quit
```

## Docker desktop:



## Team Lead

The screenshot shows the Docker Hub 'Choose a Plan' page. At the top, a notification bar states: 'Please check your inbox to verify the email associated with this account. You won't be able to create a repository or configure your Docker Hub without verifying your email address.' Below this is a banner for 'Wasm is a fast, light alternative to Linux containers — try it out today in the Docker+Wasm Technical Preview'. The navigation bar includes the Docker Hub logo, a search bar, and links for Explore, Repositories, Organizations, Help, and an Upgrade button. The main heading is 'Choose a Plan' with the subtext 'Select a plan to get started with Docker'. Four plan cards are displayed: Personal (\$0, 1 user), Pro (\$5/month, 1 user), Team (\$9/user/month max 100 users, minimum 5 seats), and Business (\$24/user/month, only available with an annual subscription, 5+ users). The Windows taskbar at the bottom shows several open applications and the system clock at 11:44 on 09-11-2022.

## Team Member 1

The screenshot shows the Docker Hub 'Create repository' page for user aabavanan001. The URL is 'hub.docker.com/repository/create?namespace=aabavanan001'. The page has a blue header with the Docker Hub logo, search bar, and navigation links. A notification at the top right says 'Using 0 of 1 private repositories. Get more'. The 'Create repository' section includes a dropdown menu with 'aabavanan001' selected, a 'Name' input field, and a 'Description' input field. The 'Visibility' section shows 'Public' selected with the note 'Appears in Docker Hub search results', and 'Private' as an option with the note 'Only visible to you'. A 'Pro tip' section on the right explains that users can push a new image to this repository using the CLI, with a code block showing: 

```
docker tag local-image:tagname new-repo:tagname
docker push new-repo:tagname
```

 Below the code block, it says 'Make sure to change tagname with your desired image repository tag.' At the bottom, there are 'Cancel' and 'Create' buttons. The Windows taskbar at the bottom shows the system clock at 11:51 on 09-11-2022.

## Team Member 2

The screenshot shows the Docker Hub 'Choose a Plan' page. At the top, a blue navigation bar contains the Docker Hub logo, a search bar, and links for Explore, Repositories, Organizations, and Help. An 'Upgrade' button and a user profile icon labeled 'aravindh001' are on the right. A purple banner below the navigation bar reads: 'Wasm is a fast, light alternative to Linux containers – try it out today in the Docker+Wasm Technical Preview'. Below this, a dark blue banner states: 'Please check your inbox to verify the email associated with this account. You won't be able to create a repository or configure your Docker Hub without verifying your email address.' The main heading is 'Choose a Plan' with the subtext 'Select a plan to get started with Docker'. Four plan cards are displayed: Personal (\$0), Pro (\$5/month), Team (\$9/user/month), and Business (\$24/user/month). Each card lists its features and includes a '← Everything in [Previous Plan], plus:' section. The Team plan features Docker Desktop, Docker Engine + Kubernetes, and unlimited private repositories. The Business plan features Docker Desktop, Hardened Docker Desktop, and Enhanced Container Isolation. An 'Activate Windows' watermark is visible in the bottom right corner of the page content.

Plan	Price	Users	Features
Personal	\$0	1	Docker Desktop, Unlimited public repositories, Docker Engine + Kubernetes
Pro	\$5/month	1	Everything in Personal, plus: Docker Desktop, Unlimited private repositories
Team	\$9/user/month	max 100 users, minimum 5 seats	Everything in Pro, plus: Docker Desktop, Docker Engine + Kubernetes, Unlimited teams
Business	\$24/user/month	only available with an annual subscription	Everything in Team, plus: Hardened Docker Desktop, Enhanced Container Isolation

## Team Member 3

The screenshot shows the Docker Hub 'Choose a Plan' page for a different user. The layout is identical to the previous screenshot, but the user profile icon is labeled 'svsakthi'. The 'Activate Windows' watermark is also present.

Plan	Price	Users	Features
Personal	\$0	1	Docker Desktop, Unlimited public repositories, Docker Engine + Kubernetes
Pro	\$5/month	1	Everything in Personal, plus: Docker Desktop, Unlimited private repositories
Team	\$9/user/month	max 100 users, minimum 5 seats	Everything in Pro, plus: Docker Desktop, Docker Engine + Kubernetes, Unlimited teams
Business	\$24/user/month	only available with an annual subscription	Everything in Team, plus: Hardened Docker Desktop, Enhanced Container Isolation