**1. Prerequisites**

✅ You should have:

* Docker installed on your system
* A Docker Hub account (https://hub.docker.com)

**⚙️ 2. Login to Docker Hub**

docker login

➡️ Enter your **Docker Hub username** and **password** when prompted.  
If successful, you’ll see:

Login Succeeded

**⚙️ 3. Create EC2 Instance, connect & apply below commands**

Sudo apt update

Sudo apt install docker.io

**📦 4. Pull an Image from Docker Hub**

Pulling means downloading an image from Docker Hub to your local machine.

**Example:**

docker pull ubuntu

docker images

**🚀 5. Create a Simple Docker Image (DockerFile)**

Create a simple Dockerfile:

# Use base image

FROM ubuntu:latest

# Add a simple command

RUN apt-get update && apt-get install -y curl

# Default command

CMD ["echo", "Hello from my custom Docker image!"]

**6. Build the image**

Now build the image:

docker build -t myimage:latest .

**🧾 5. Tag the Image**

Before pushing, tag the image with your Docker Hub username and repository name.

**Syntax:**

docker tag myimage:latest santoshdocker/myimage:v1

**☁️ 6. Push the Image to Docker Hub**

Now push the image to your Docker Hub repository:

docker push santoshdocker/myimage:v1

➡️ This uploads your local image to your Docker Hub account.

You can verify it by visiting:  
👉 https://hub.docker.com/repositories

**🔄 7. Pull the Image Back (to Test)**

From any system (or after removing the image), you can pull it again:

docker pull santoshdocker/myimage:v1

Run the container to check:

docker run santoshdocker/myimage:v1