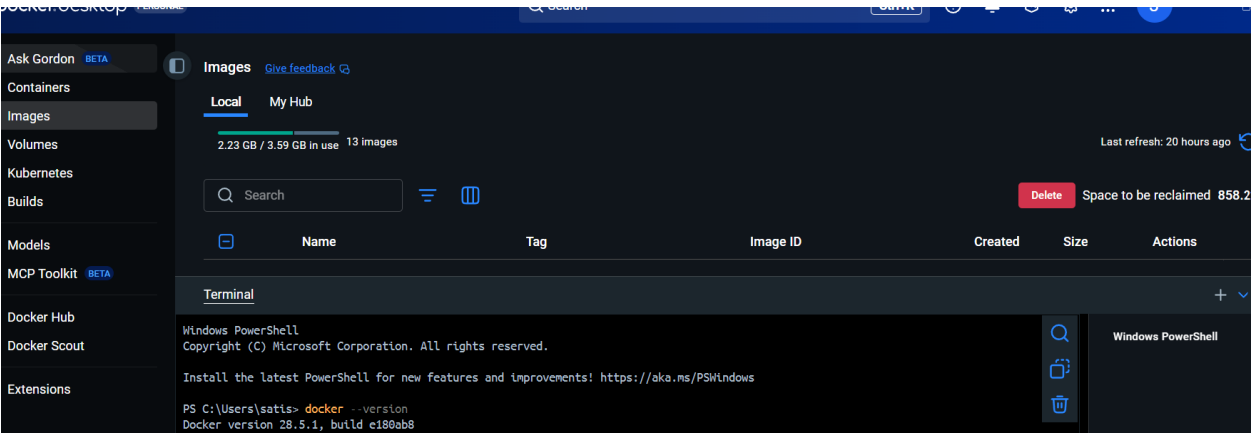


Docker Commands Used in Your Screenshots – With Visuals

Command	Purpose / What It Does
docker --version	Displays the installed Docker version on your system.
docker info	Shows detailed system-wide Docker information (client, server, plugins, storage, etc).
docker images	Lists all Docker images available locally on your system.
docker history python	Shows the build layers and commands used to create the Python image.
docker run python echo "Hello, World!"	Runs a temporary container from the python image and executes the echo command.
docker run -p 8080:80 nginx	Runs Nginx container and maps host port 8080 to container port 80.
docker ps	Lists currently running containers.
docker ps -a	Lists all containers including stopped ones.
docker run -it ubuntu:latest /bin/bash	Starts an interactive Ubuntu container with bash terminal.
apt install -y php	Installs PHP inside the running Ubuntu container.
docker commit <container_id> ubuntu-php-custom:2.0	Creates a new image from a modified container.
docker tag ubuntu-php-custom:2.0 john2801/ubuntu-php-custom:2.0	Tags your custom image for Docker Hub.
docker push john2801/ubuntu-php-custom:2.0	Uploads the tagged image to Docker Hub repository.
docker login	Authenticates you to Docker Hub for pushing/pulling images.
docker pull alpine:latest	Downloads the Alpine Linux image from Docker Hub.
docker run -it --name practise-ubuntu -e COLLEGE=CSE ubuntu:latest	Runs a container with environment variable COLLEGE=CSE.
echo \$COLLEGE	Displays the environment variable value inside container.

Docker Desktop Screenshots (Execution Proof)

Screenshot 1



Screenshot 2

Docker Hub

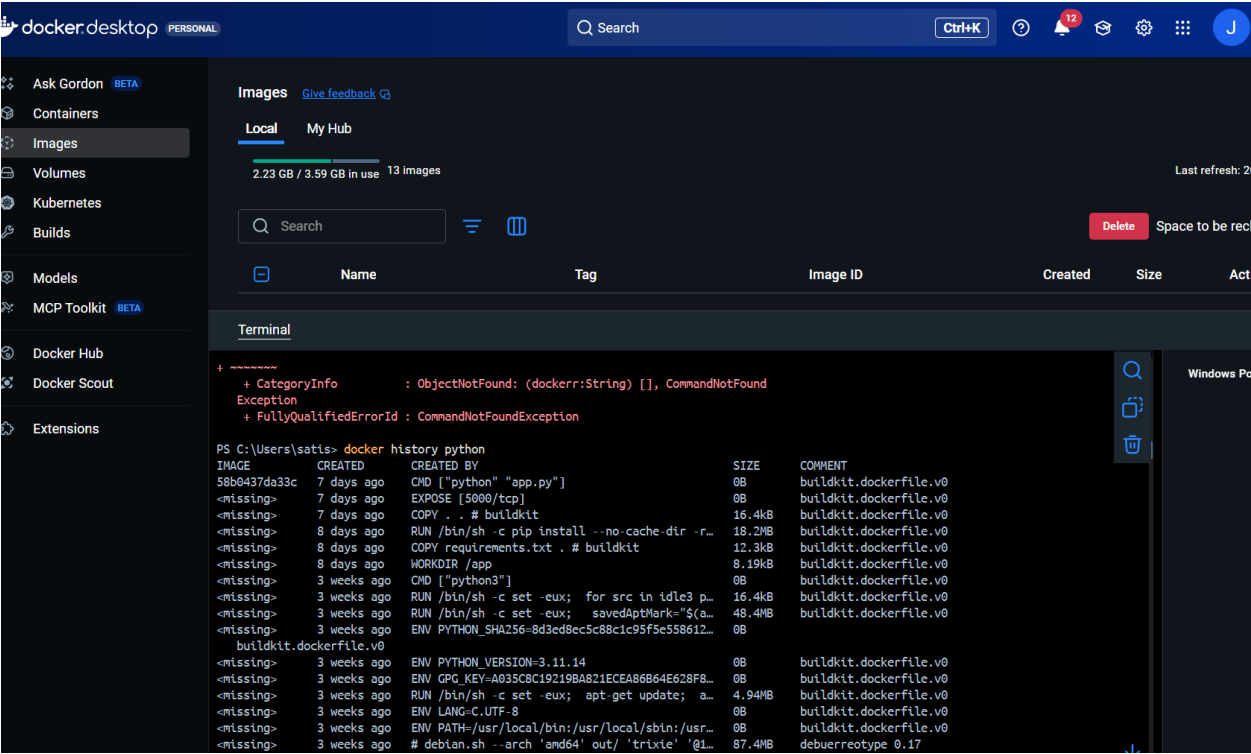
Docker Scout

Extensions

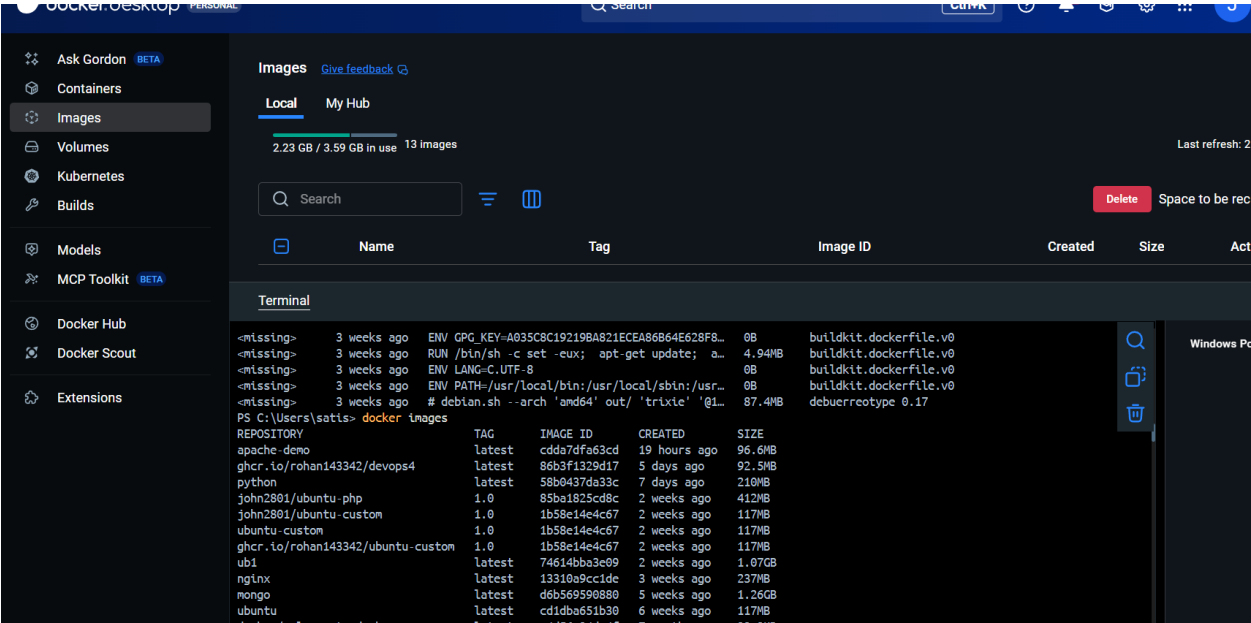
```
PS C:\Users\satis> docker --version
Docker version 28.5.1, build e180ab8
PS C:\Users\satis> docker info
Client:
Version:      28.5.1
Context:      desktop-linux
Debug Mode:   false
Plugins:
ai: Docker AI Agent - Ask Gordon (Docker Inc.)
  Version:    v1.9.11
  Path:       C:\Program Files\Docker\cli-plugins\docker-ai.exe
buildx: Docker Buildx (Docker Inc.)
  Version:    v0.29.1-desktop.1
  Path:       C:\Program Files\Docker\cli-plugins\docker-buildx.exe
cloud: Docker Cloud (Docker Inc.)
  Version:    v0.4.39
  Path:       C:\Program Files\Docker\cli-plugins\docker-cloud.exe
compose: Docker Compose (Docker Inc.)
  Version:    v2.40.2-desktop.1
  Path:       C:\Users\satis\docker\cli-plugins\docker-compose.exe
debug: Get a shell into any image or container (Docker Inc.)
  Version:    0.0.44
  Path:       C:\Program Files\Docker\cli-plugins\docker-debug.exe
```

Windows PowerShell

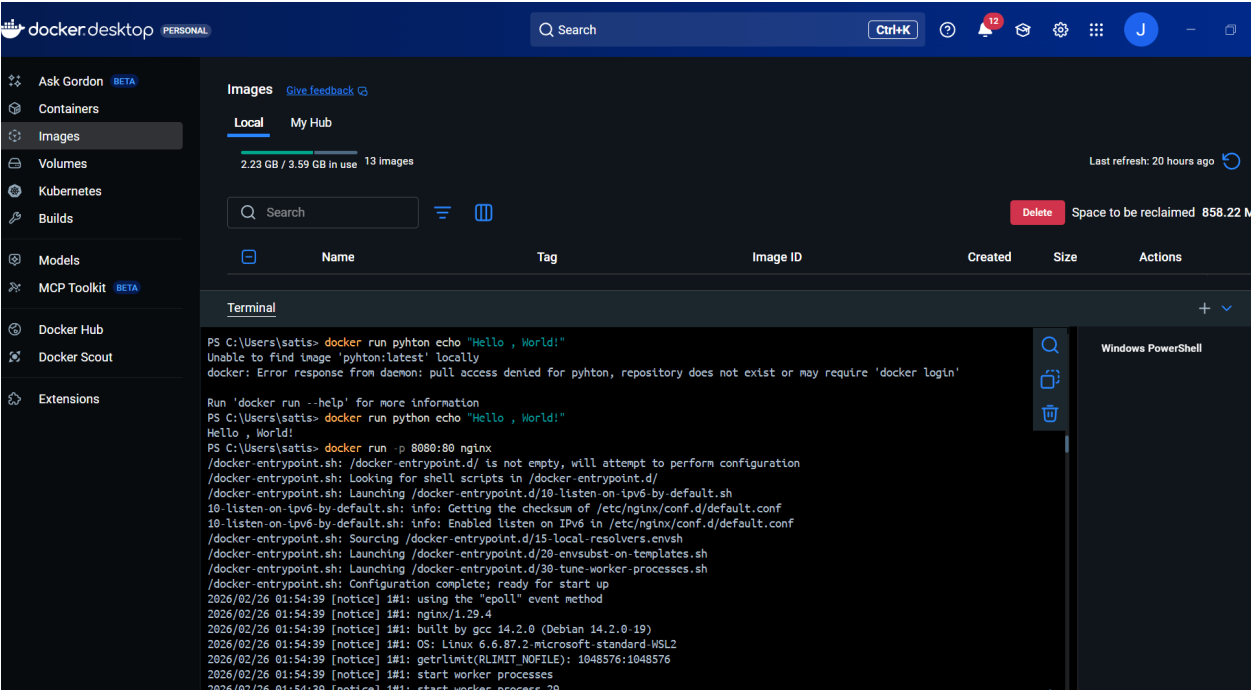
Screenshot 3



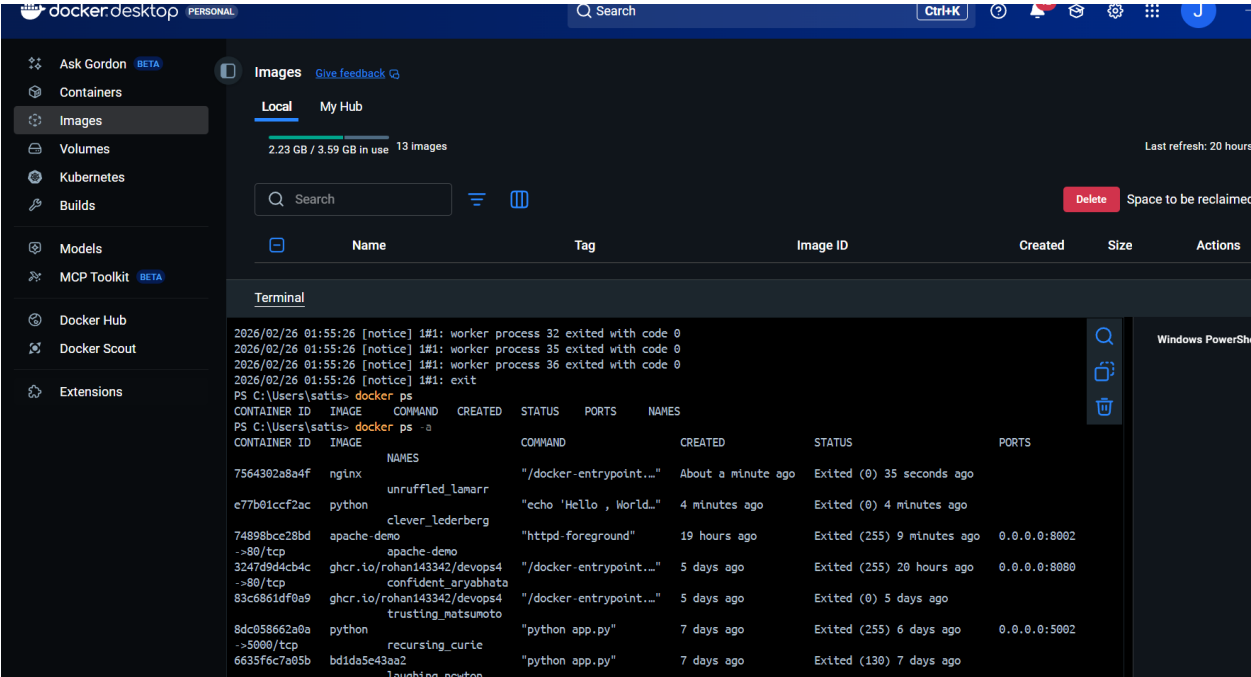
Screenshot 4



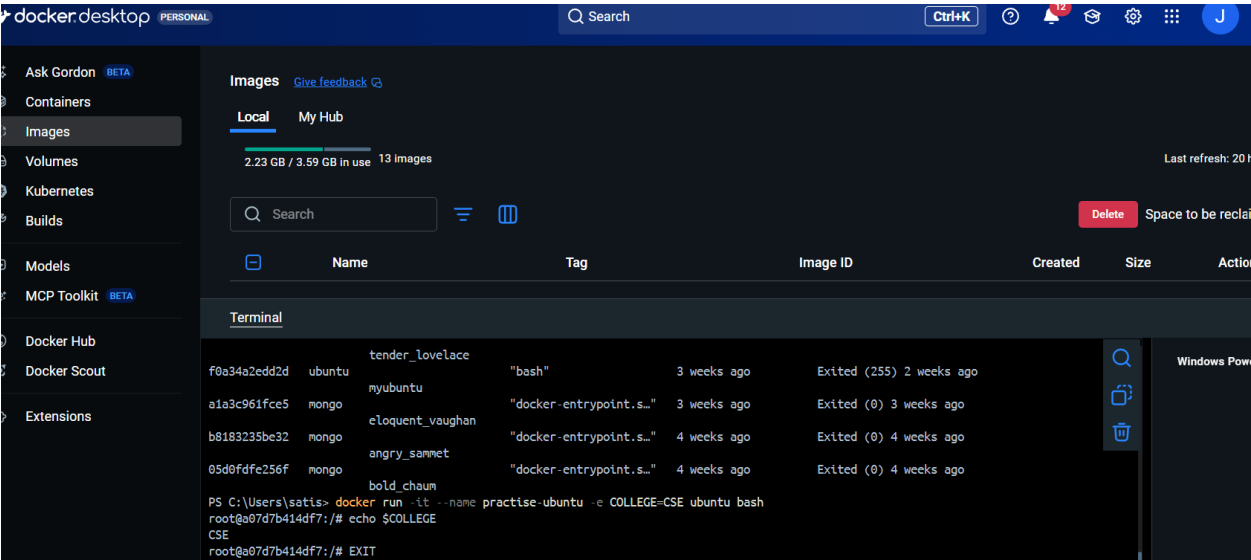
Screenshot 5



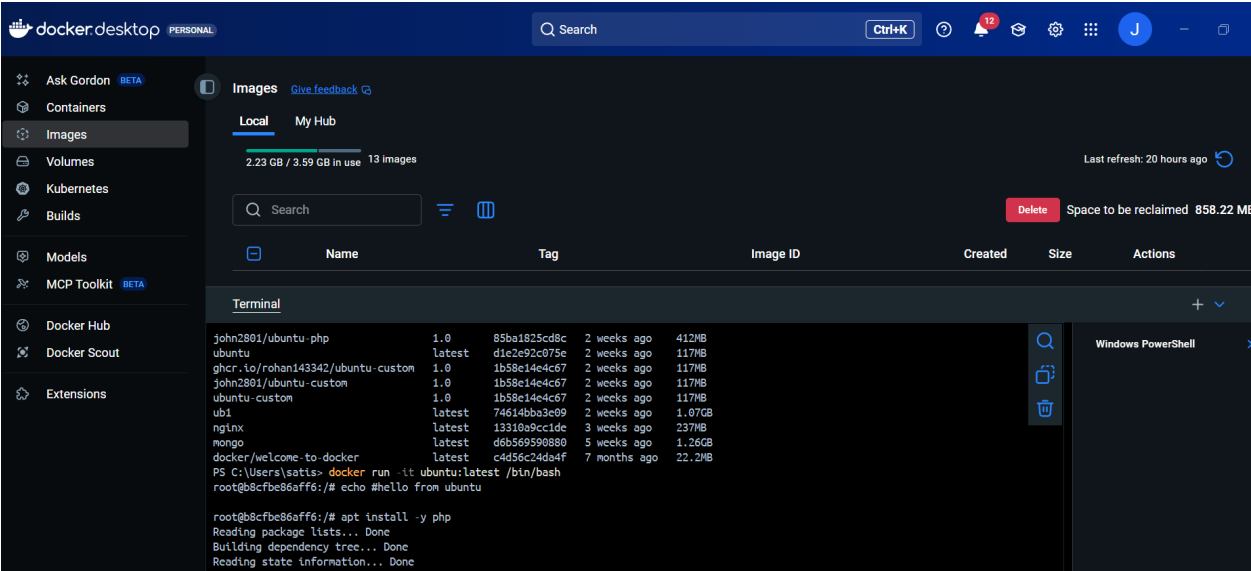
Screenshot 6



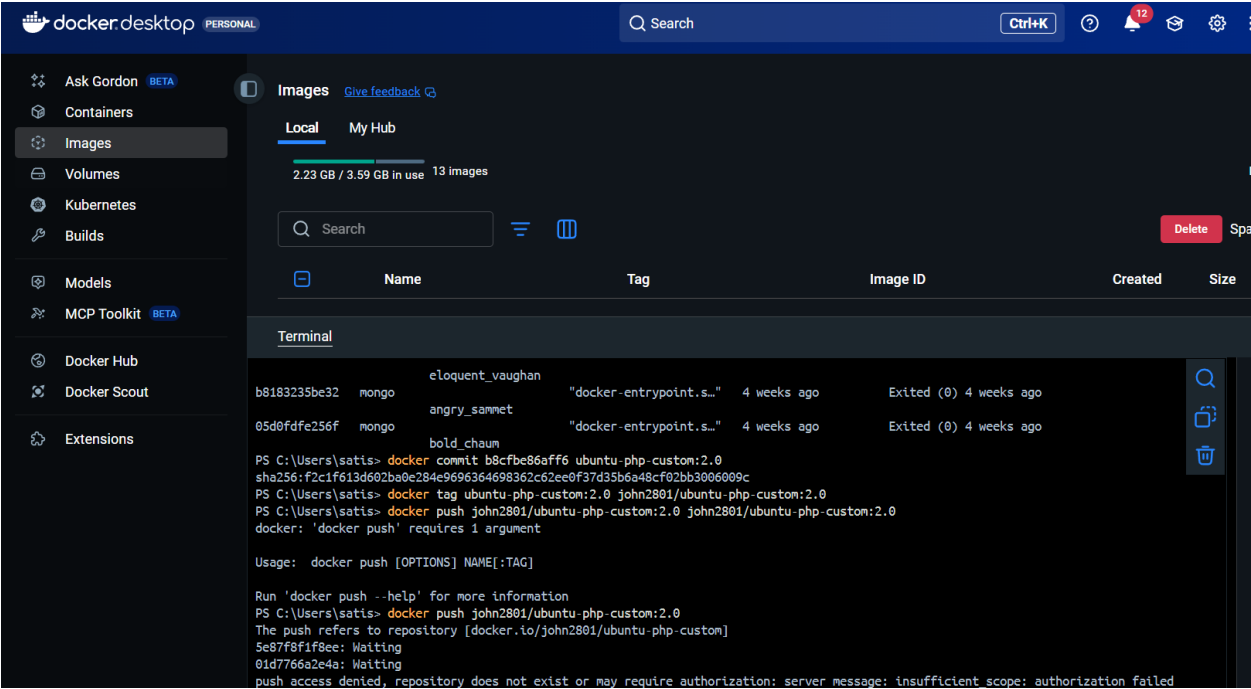
Screenshot 7



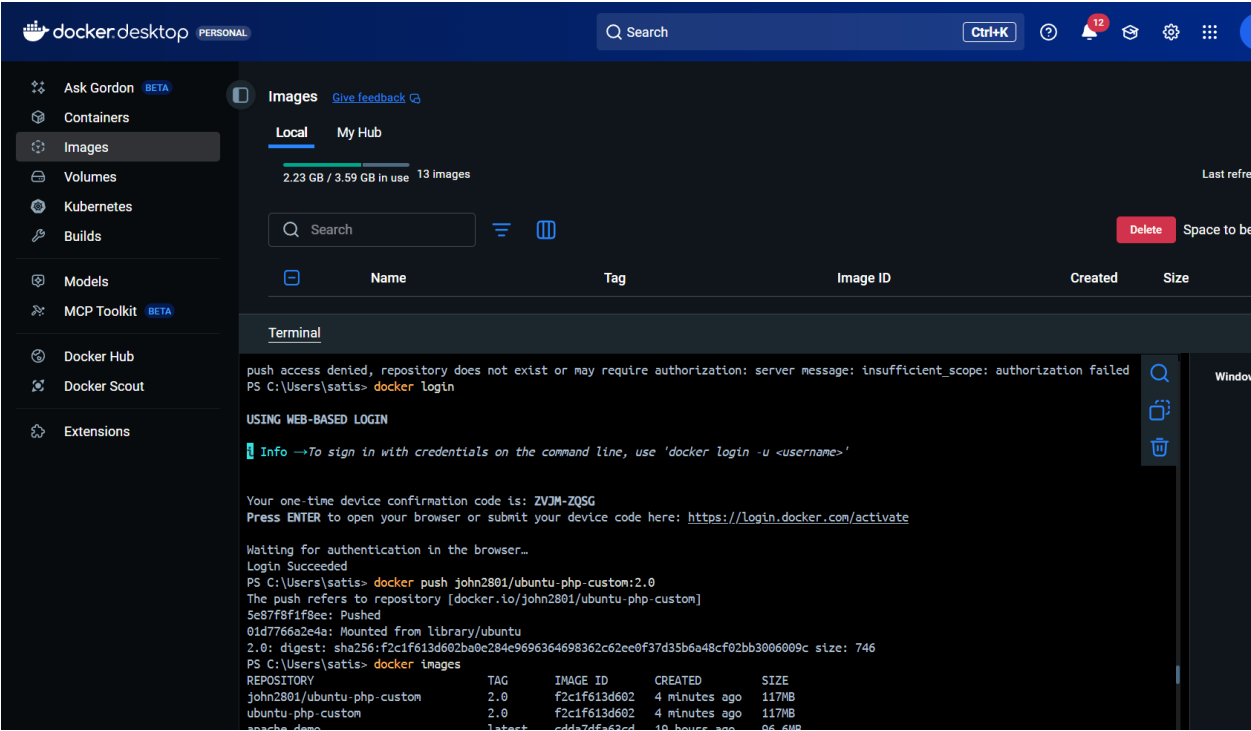
Screenshot 8



Screenshot 9



Screenshot 10



Screenshot 11

docker:desktopPERSONAL

Q SearchCtrl+K

12

J

Ask GordonBETA

Containers

Images

Volumes

Kubernetes

Builds

Models

MCP ToolkitBETA

Docker Hub

Docker Scout

Extensions

ImagesGive feedback

LocalMy Hub

2.23 GB / 3.59 GB in use13 Images

Last refresh: 20 h

Search

DeleteSpace to be reclaim

NameTagImage IDCreatedSizeAction

Terminal

nginxlatest13310a9cc1de3 weeks ago237MB

mongolatestd6b5695908805 weeks ago1.26GB

docker/welcome-to-dockeralatestc4d56c24da4f7 months ago22.2MB

PS C:\Users\satis> docker pull alpine:latest

latest: Pulling from library/alpine

Digest: sha256:25109184c71bdad752c8312a8623239686a9a2071e8825f20acb8f2198c3f659

Status: Downloaded newer image for alpine:latest

docker.io/library/alpine:latest

PS C:\Users\satis> docker images

REPOSITORYTAGIMAGE IDCREATEDSIZE

john2801/ubuntu-php-custom2.0f2c1f613d6025 minutes ago117MB

ubuntu-php-custom2.0f2c1f613d6025 minutes ago117MB

apache-demolatestcdda7dfa63cd19 hours ago96.6MB

ghcr.io/rohan143342/devops4latest86b3f1329d175 days ago92.5MB

pythonlatest58b0437da33c7 days ago210MB

john2801/ubuntu-php1.085ba1825cd8c2 weeks ago412MB

ubuntulatestdie2c92c075e2 weeks ago117MB

john2801/ubuntu-custom1.01b58e14e4c672 weeks ago117MB

ubuntu-custom1.01b58e14e4c672 weeks ago117MB

ghcr.io/rohan143342/ubuntu-custom1.01b58e14e4c672 weeks ago117MB

ubnlatest7d614bba3c002 weeks ago1.07GB