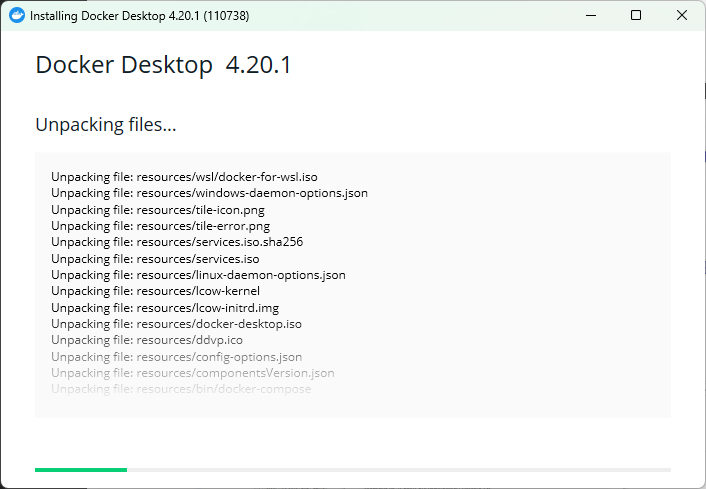
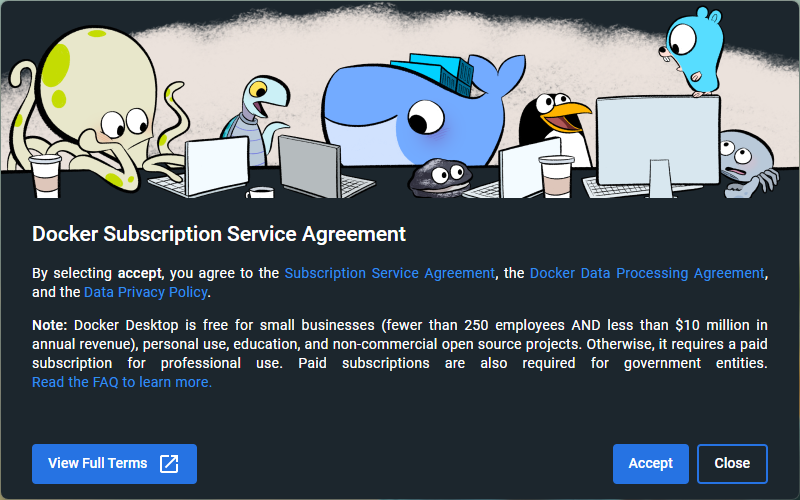
# **DevOps Assignment No : 9**

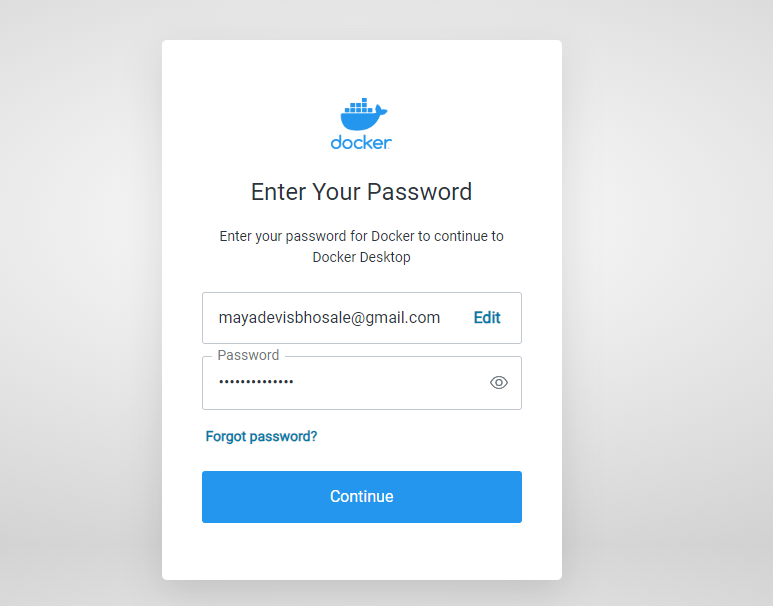
**Build a Docker image and push it to Docker Hub. Pull it on another system. Create and run a new container from an image.**

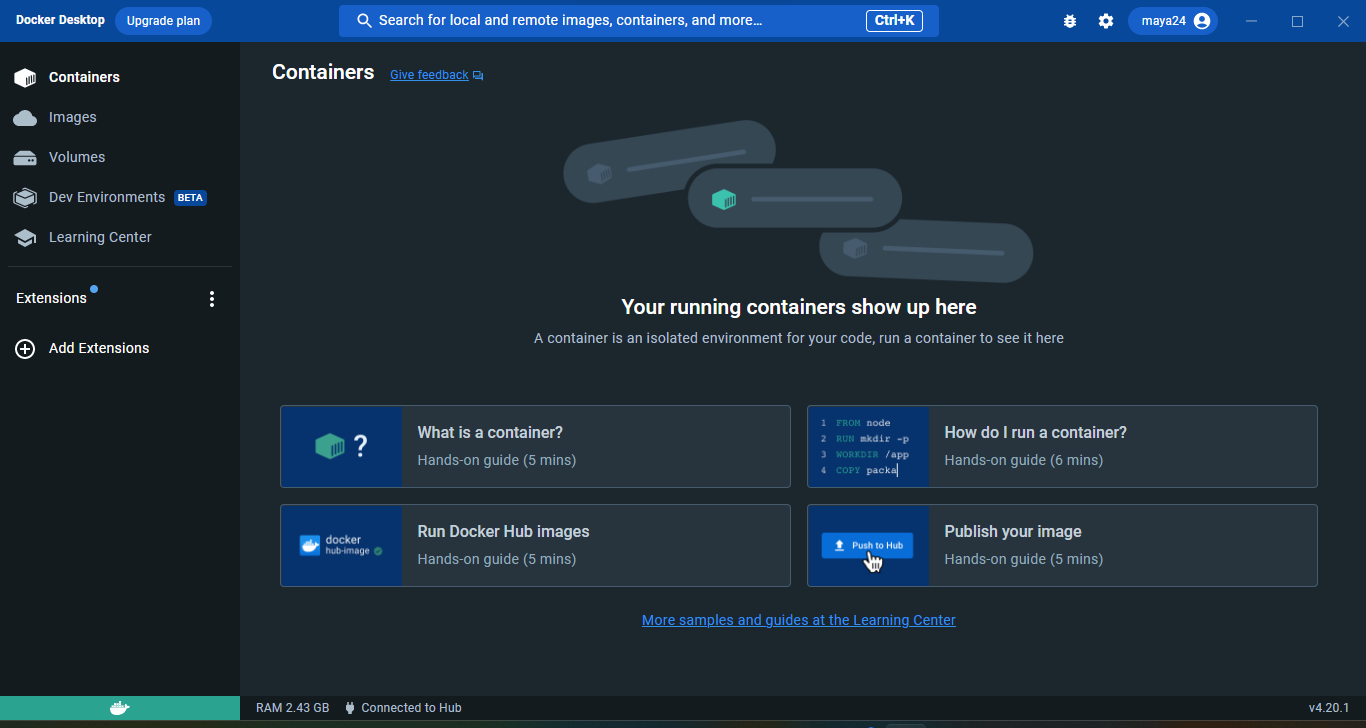
**Install Docker Desktop for your system :**

****

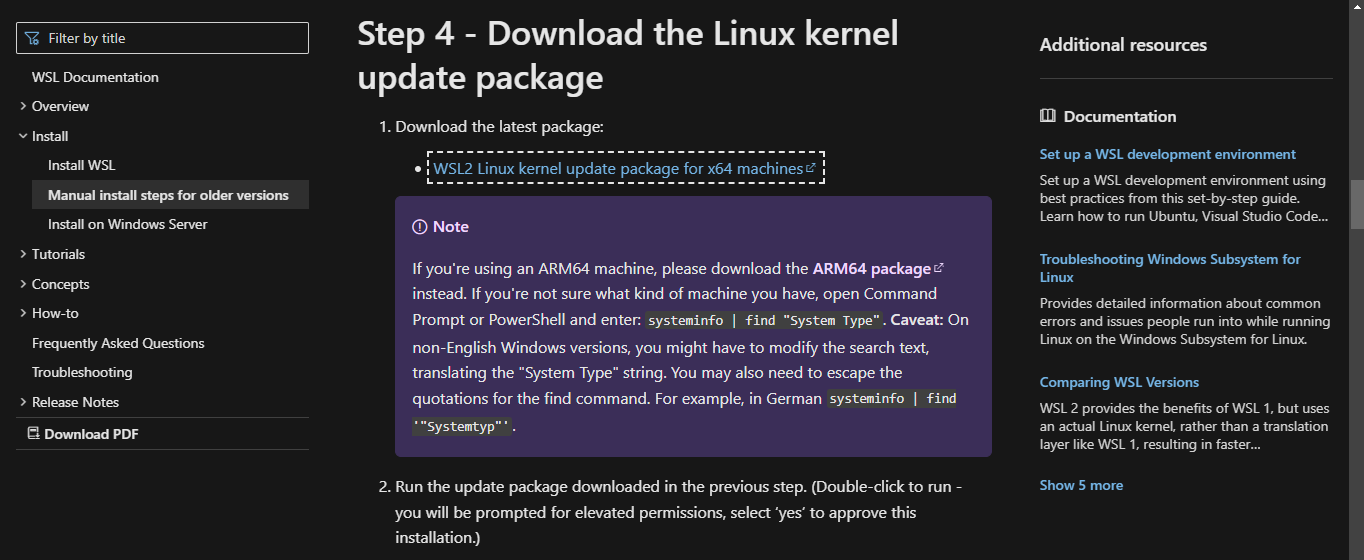
**Accept Service Agreement :**

**Signed In to Docker Account as below: -**

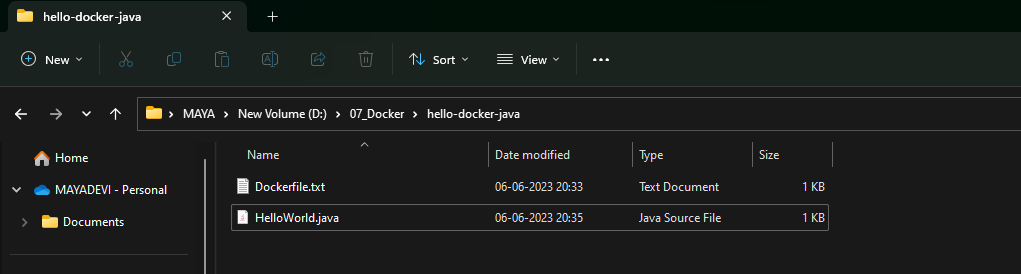
****

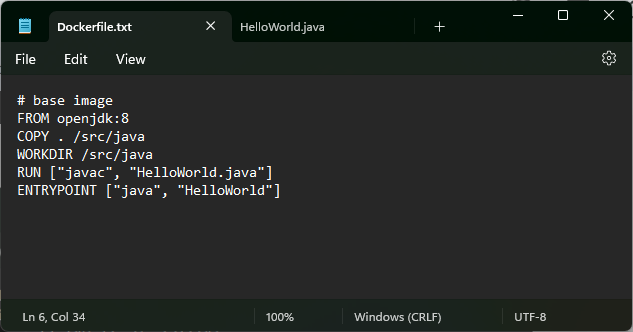
****

**Now we will install WSL2 file: -**

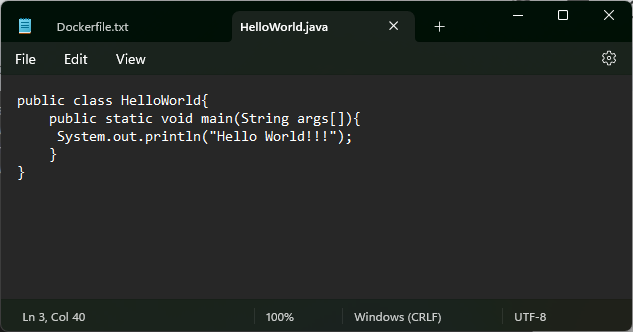
****

**Then we will create folder named “hello-docker-java”: -**

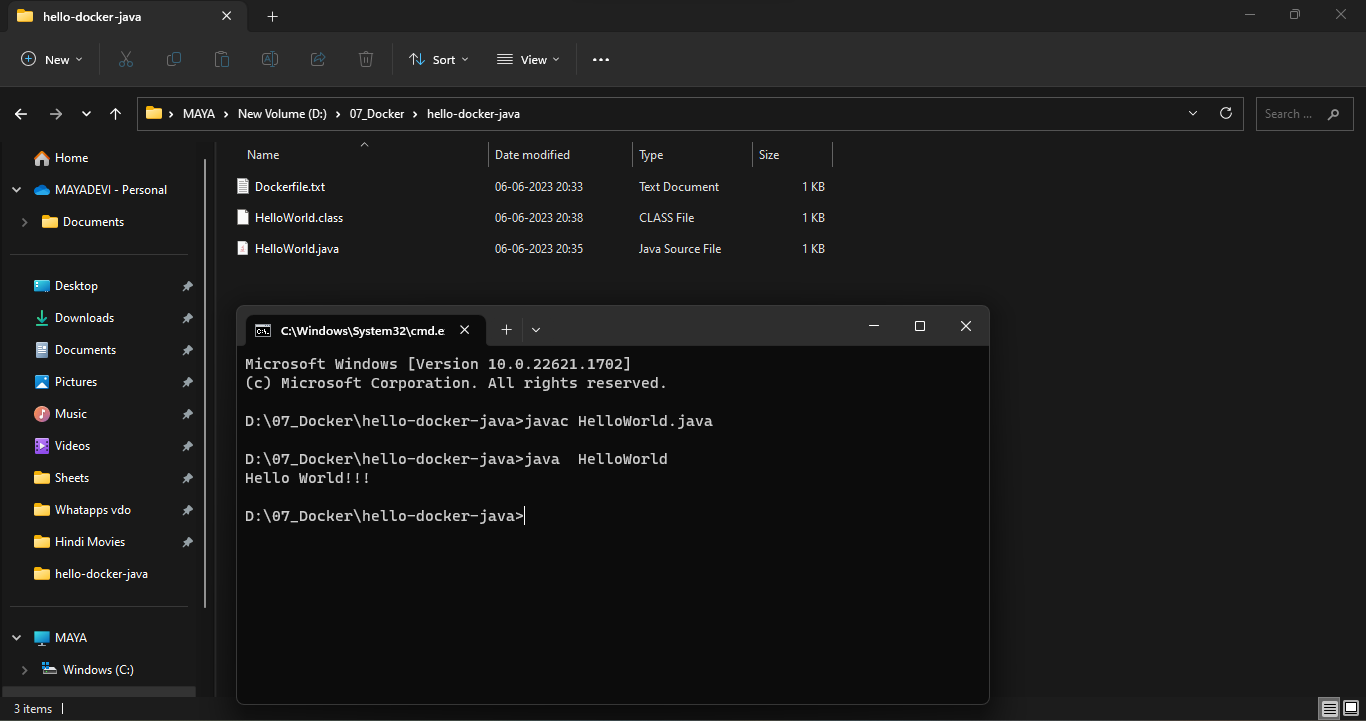
****

**In that folder, we will create two files as below and third file will be getting after running the java file: - “Dockerfile” as below : -**

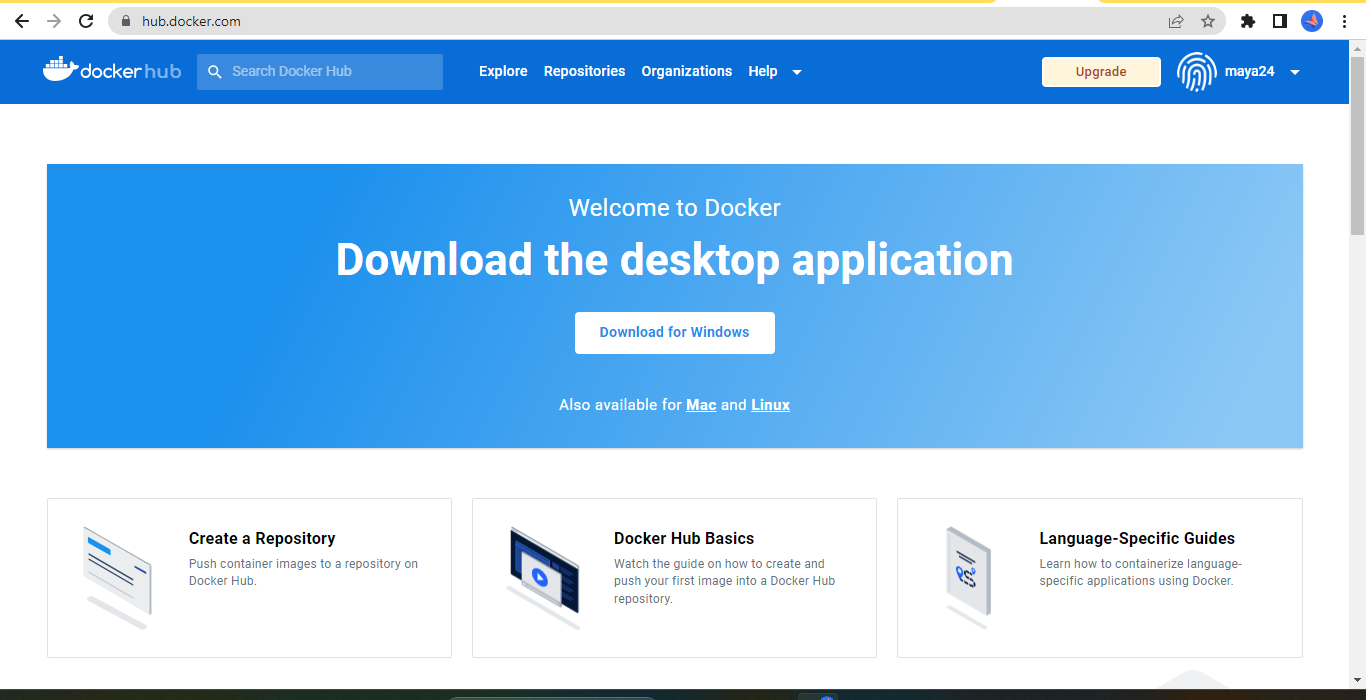
**“HelloWorld.java” file as below :-**

****

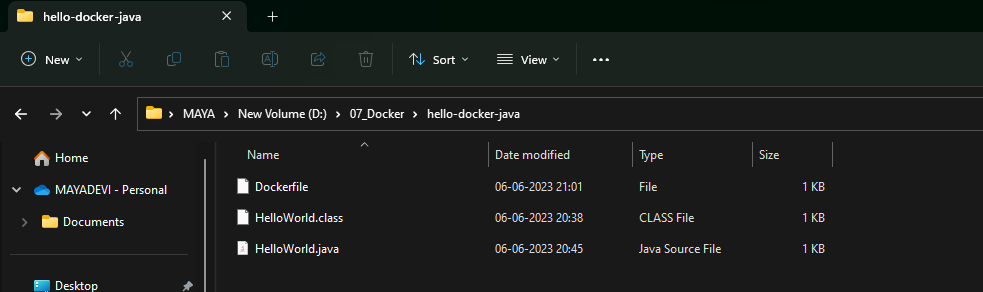
**Run Java file then only class file will be created as follow: -**

****

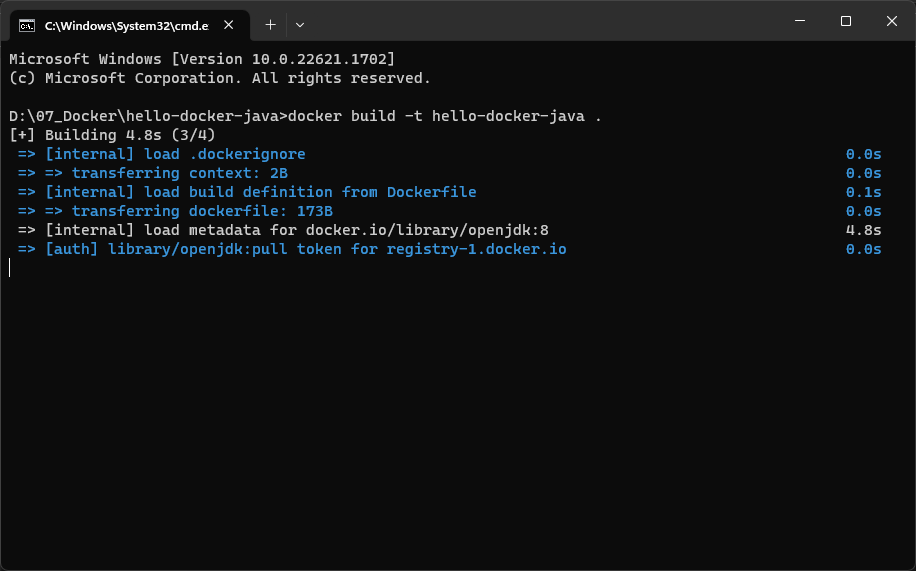
**Sign in Docker Hub as follow:-**

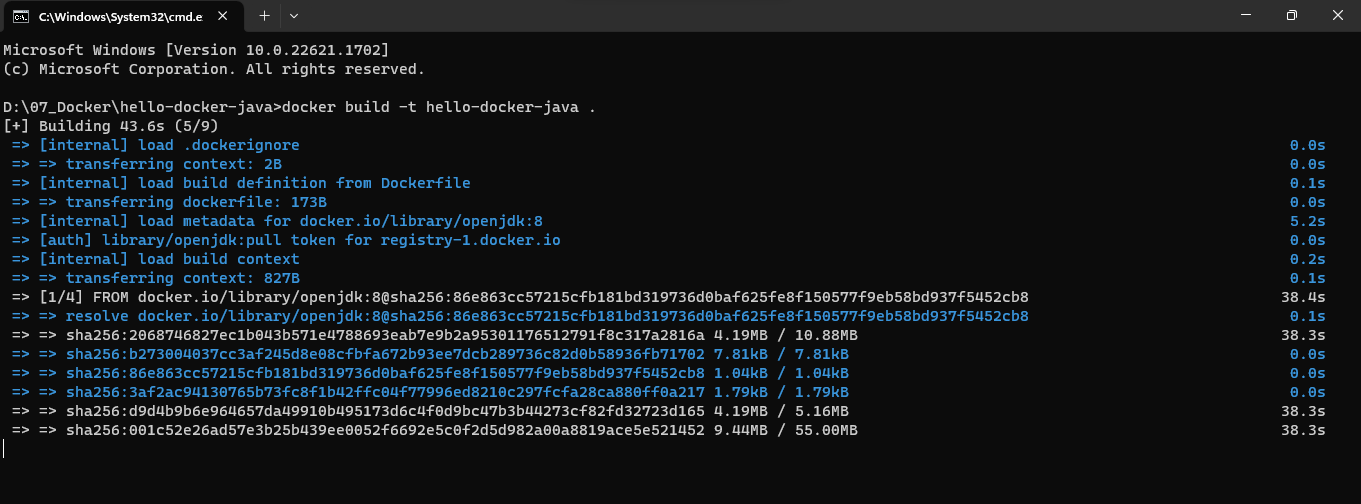
****

**Save the Dockerfile name in “” without any extension :**

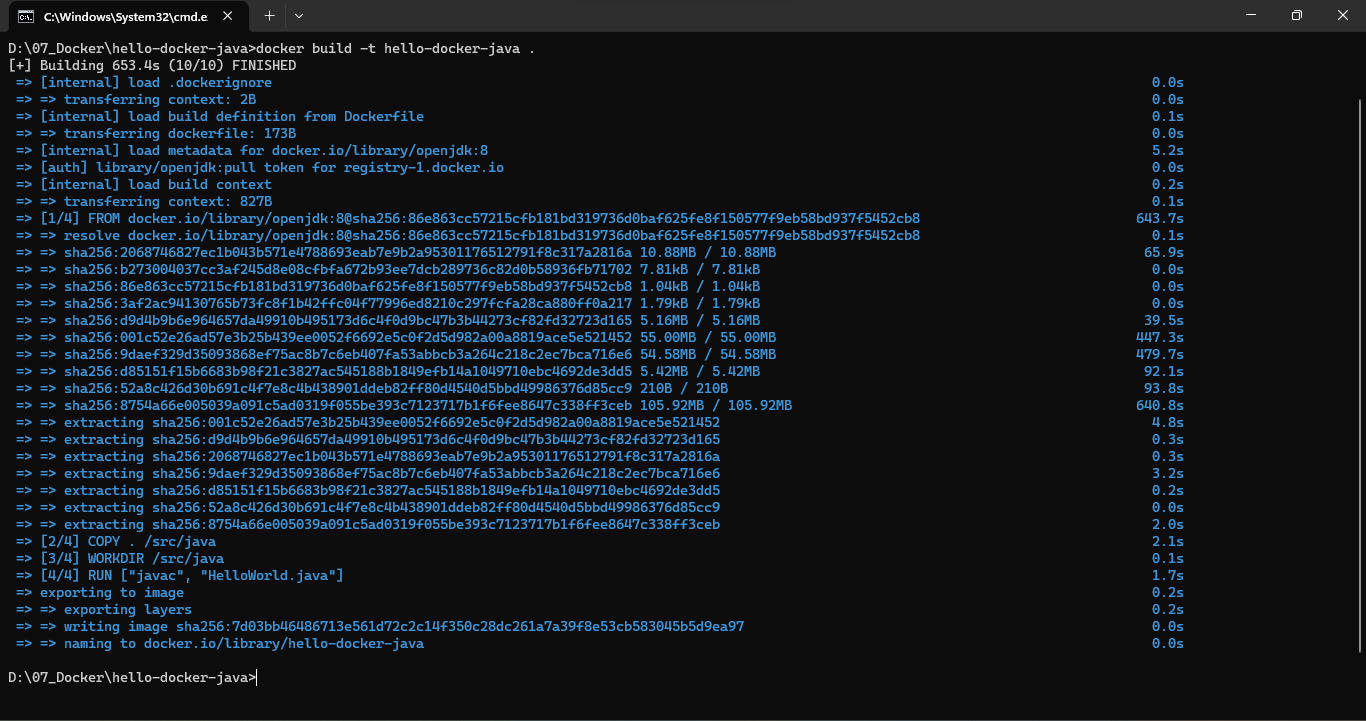
****

**Give the command as below to build our Java file and build will get started :-**

****

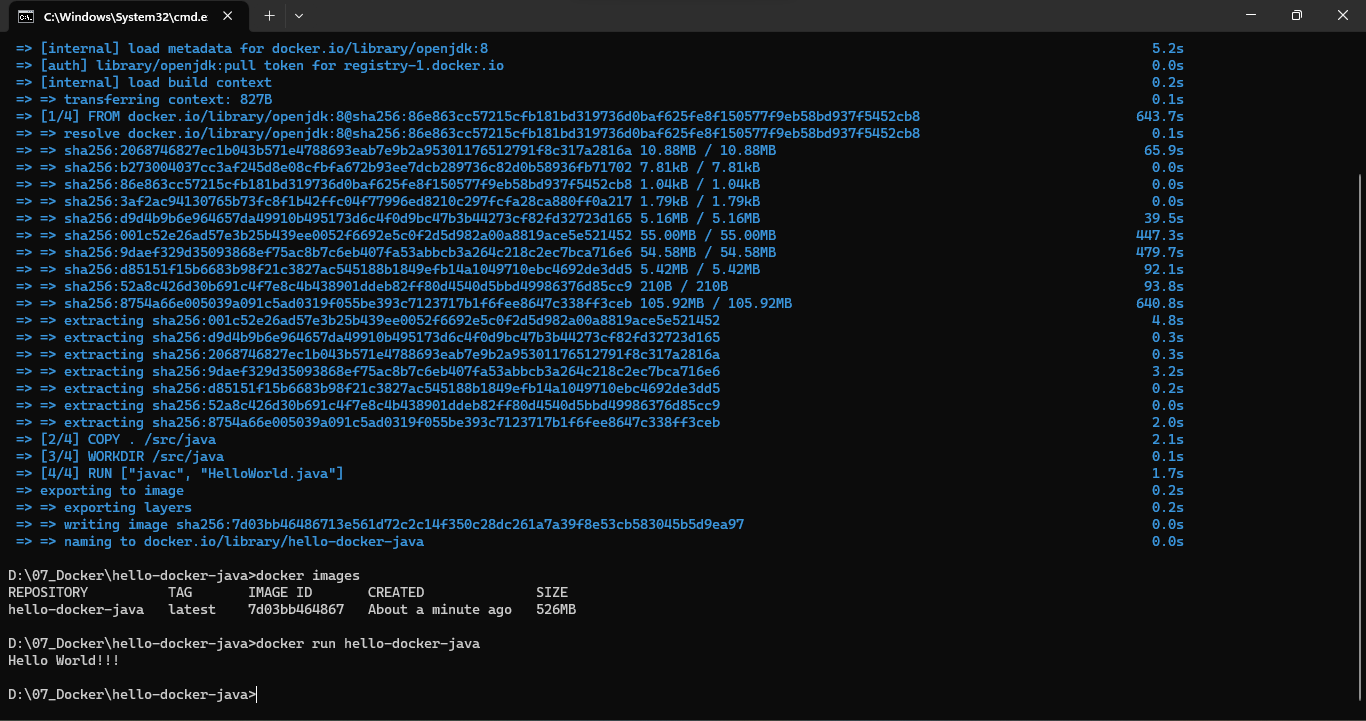
****

**Building is finished as below: -**

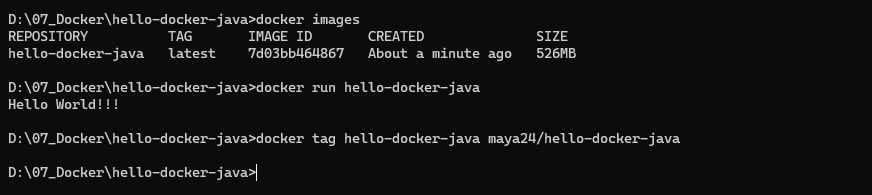
****

**Then we will check whether our docker image is present or not by giving the following command.**

**Here we can see Image generated as follow and run our docker image and will get o/p as follow: -**

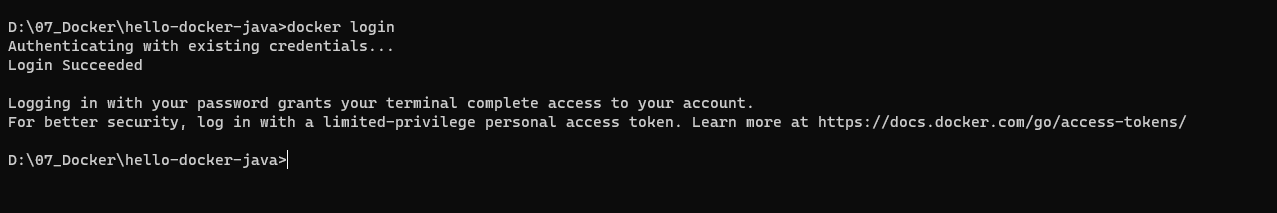
****

**We will add tag as below: -**

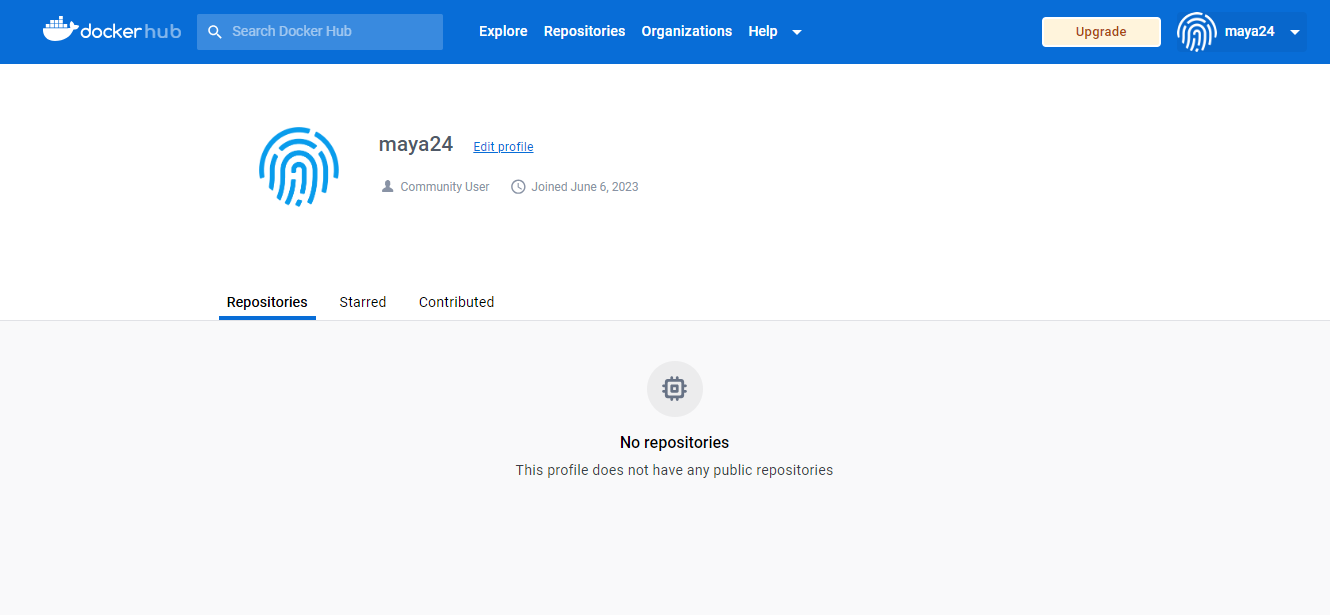
****

**Then we will login to the Docker Hub account as below.**

**Login is Succeeded as below: -**

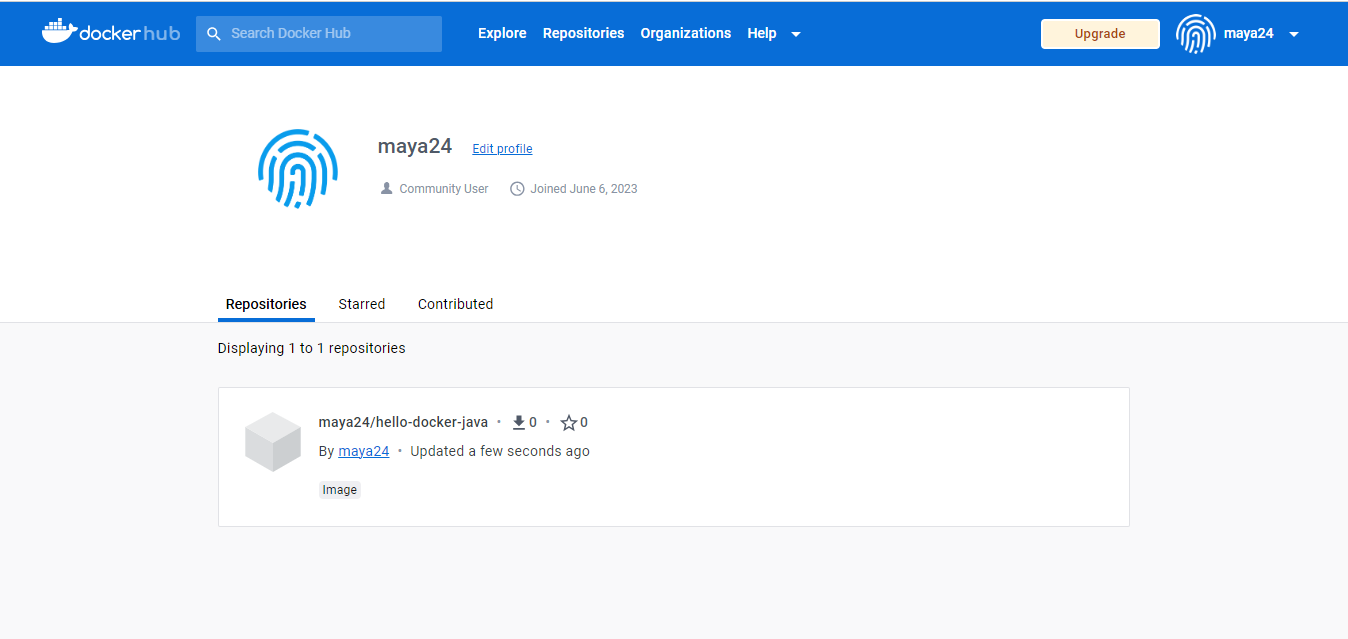
****

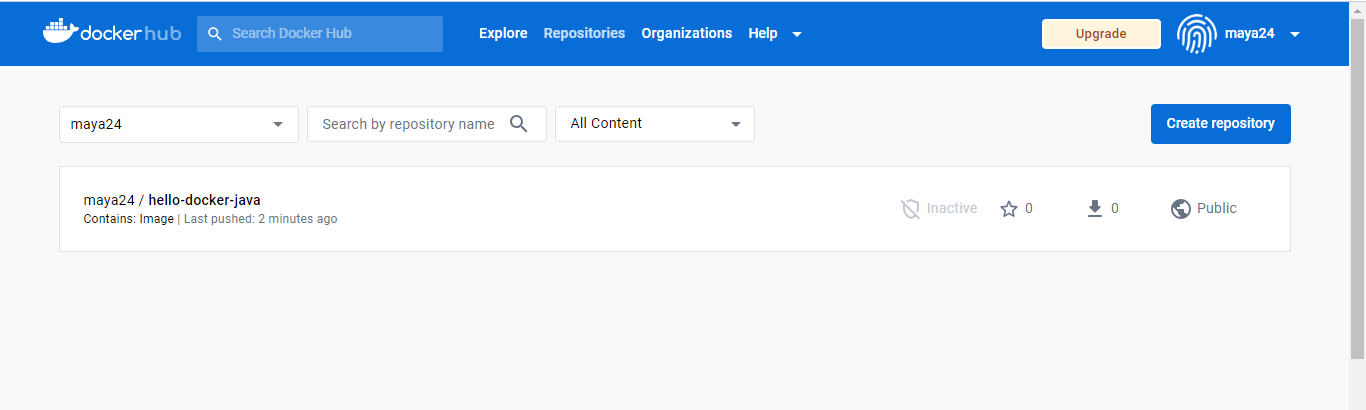
**Currently no Repository is present as below: -**

****

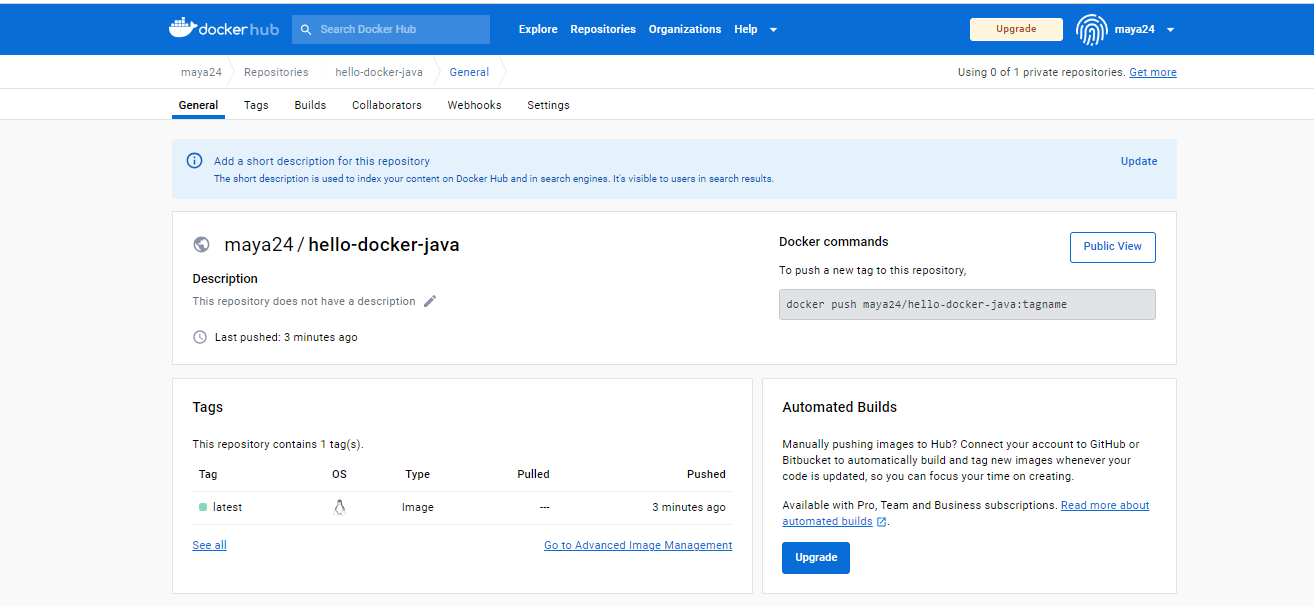
**Then we will push our Docker Image as follow: -**

****

****

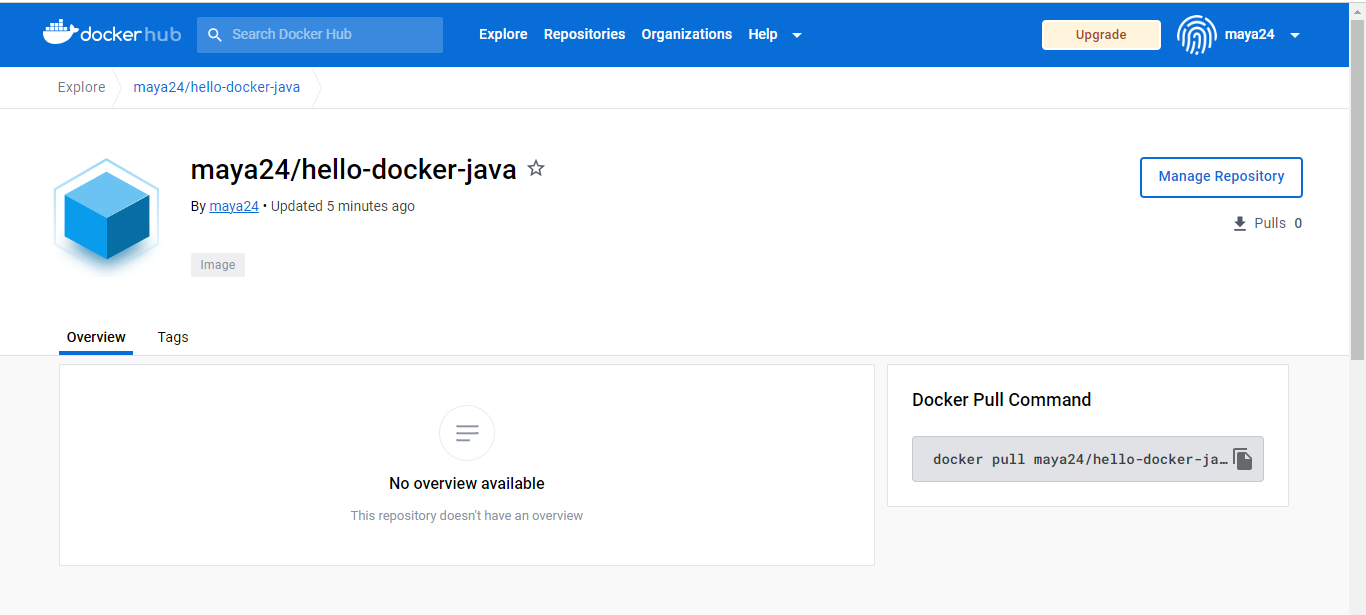
****

**Pushed Docker Image as below: -**

****

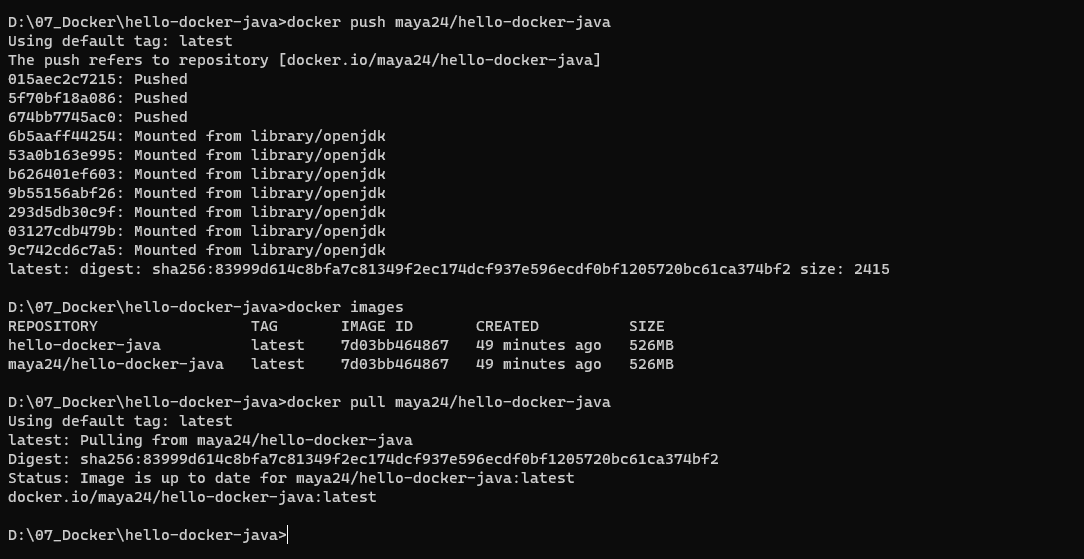
**Our Public URL of docker image is as below: -**

[**https://hub.docker.com/r/maya24/hello-docker-java**](https://hub.docker.com/r/maya24/hello-docker-java)

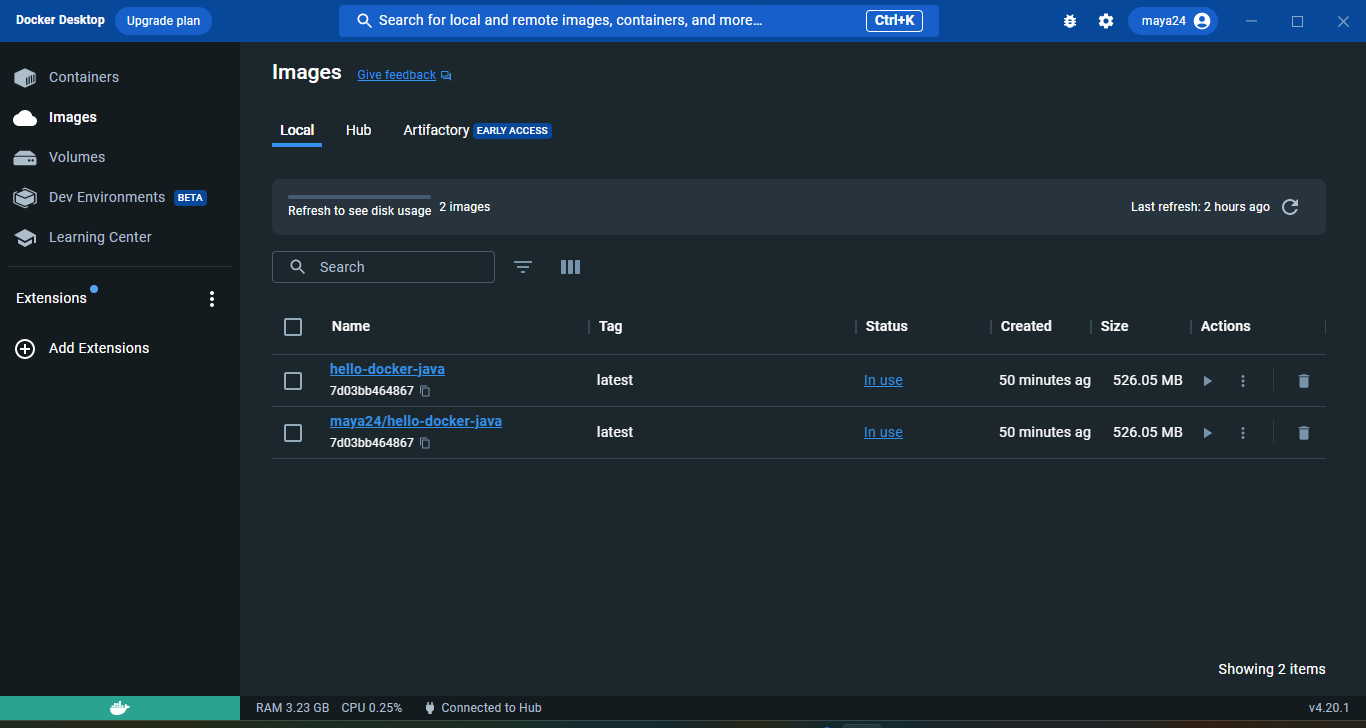
****

**Command for Pulling docker image as : docker pull maya24/hello-docker-java**

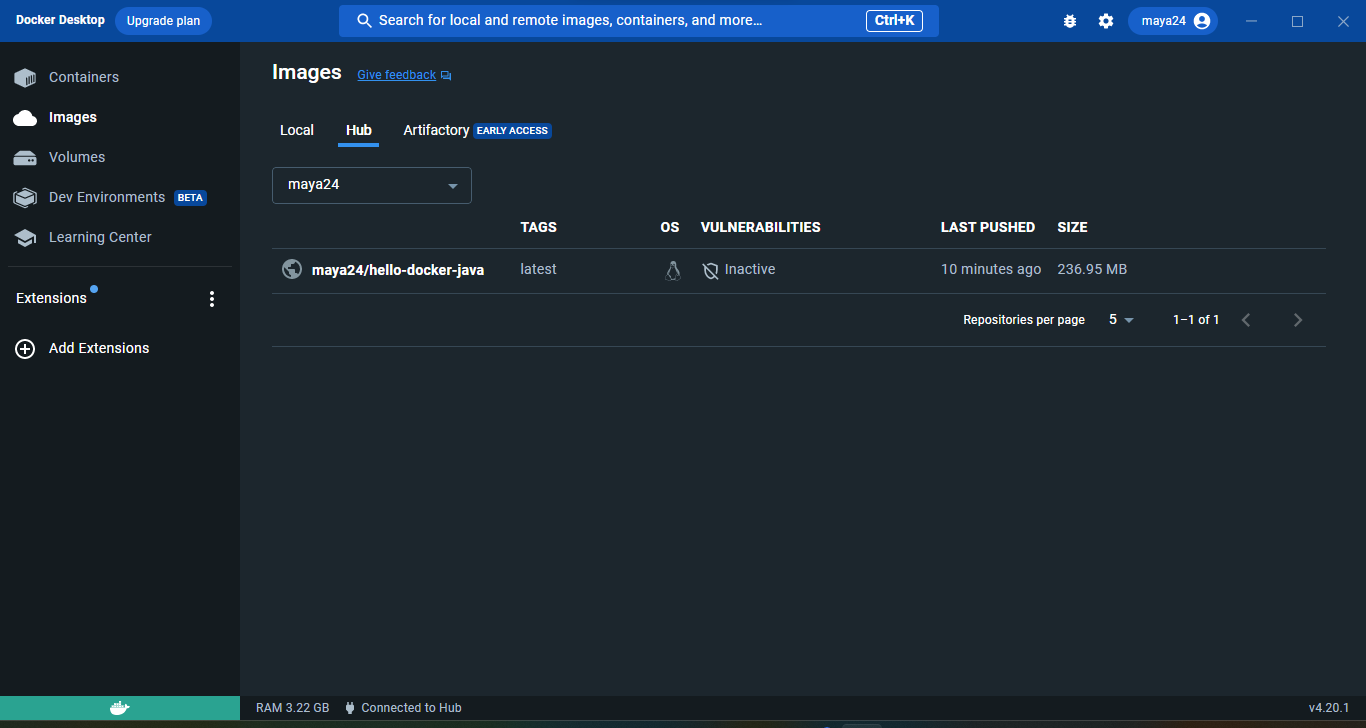
**Current Docker Images as below: -**

****

**When we click on Images tab in our Docker Application: -**

****

**Remote Repositories as below: -**

****