TASK:3

DEEPAN K P

22ISR009

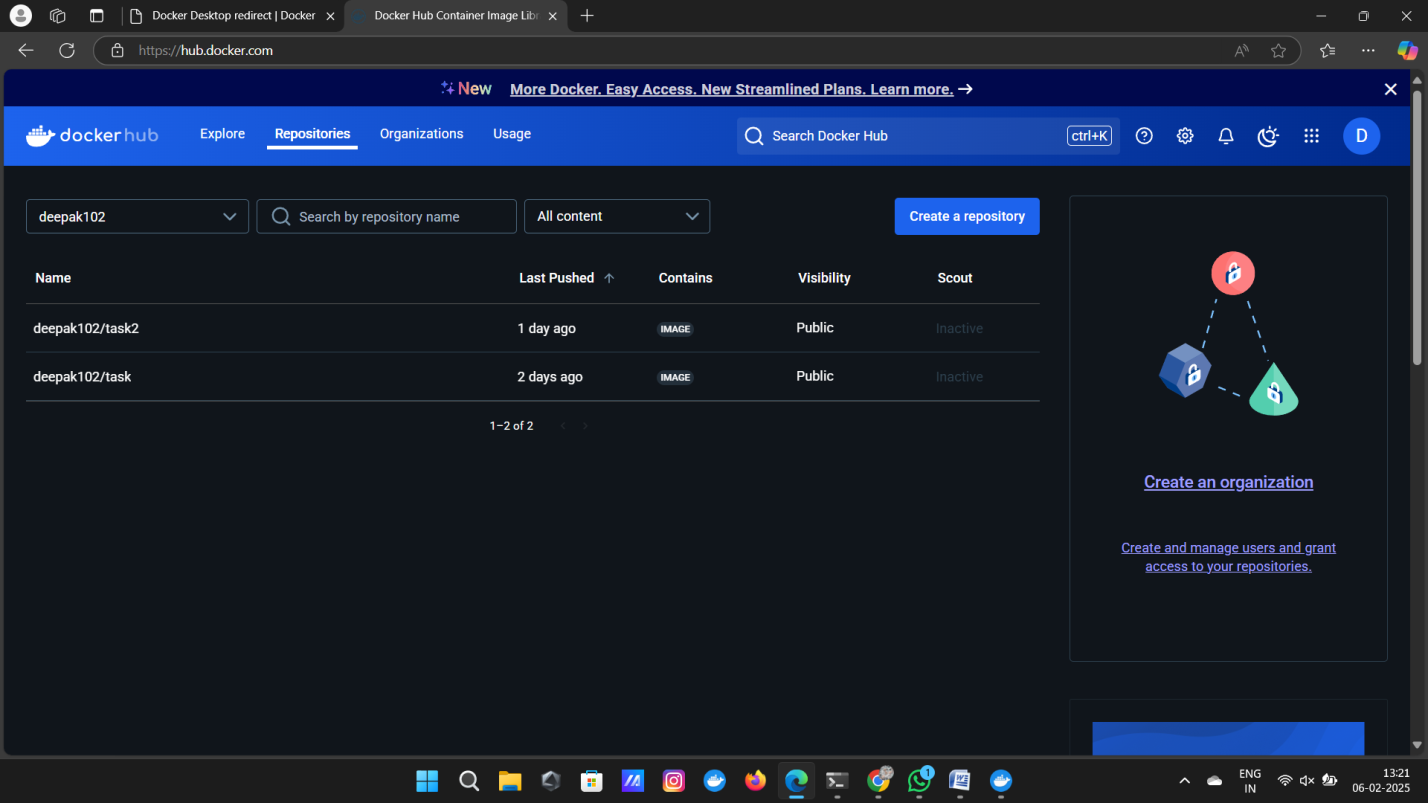
**CREATING A MINIKUBE SERVICE TO HANDLECONTAINERS**

**AIM:**

**The objective is to push a Docker image to Docker Hub and deploy it on Minikubeto ensure that the application runs successfully in a Kubernetes environment. This involves:**

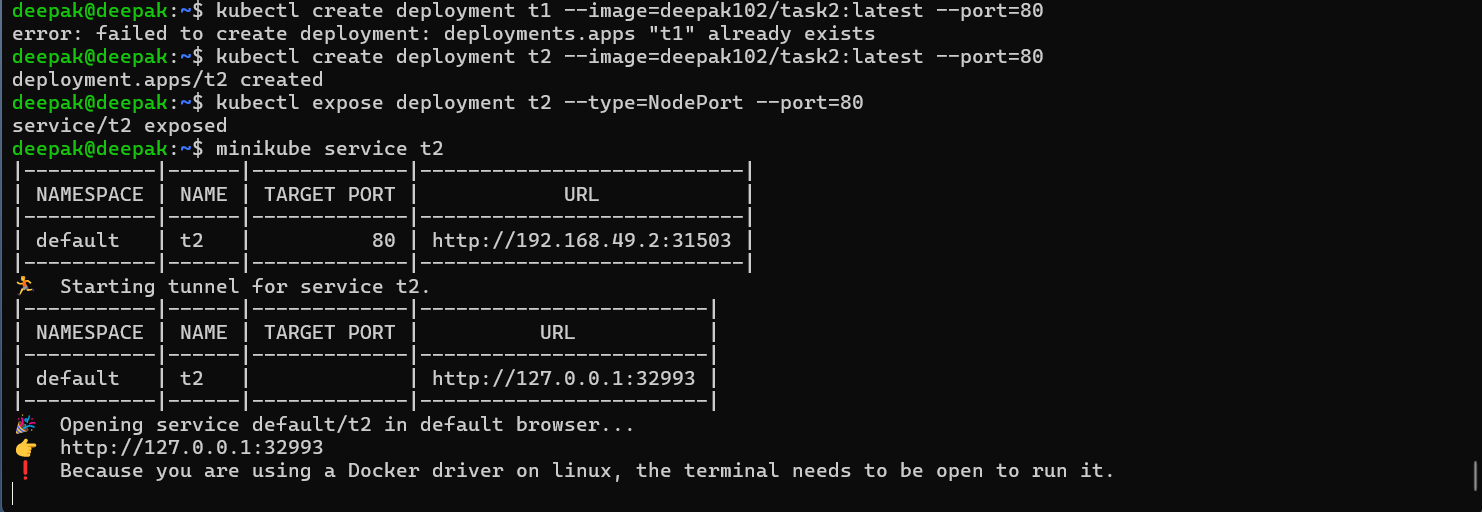
Building & Pushing Docker Image:

* **Creating a Docker image of the application.**
* **Pushing the image to Docker Hub for accessibility.**

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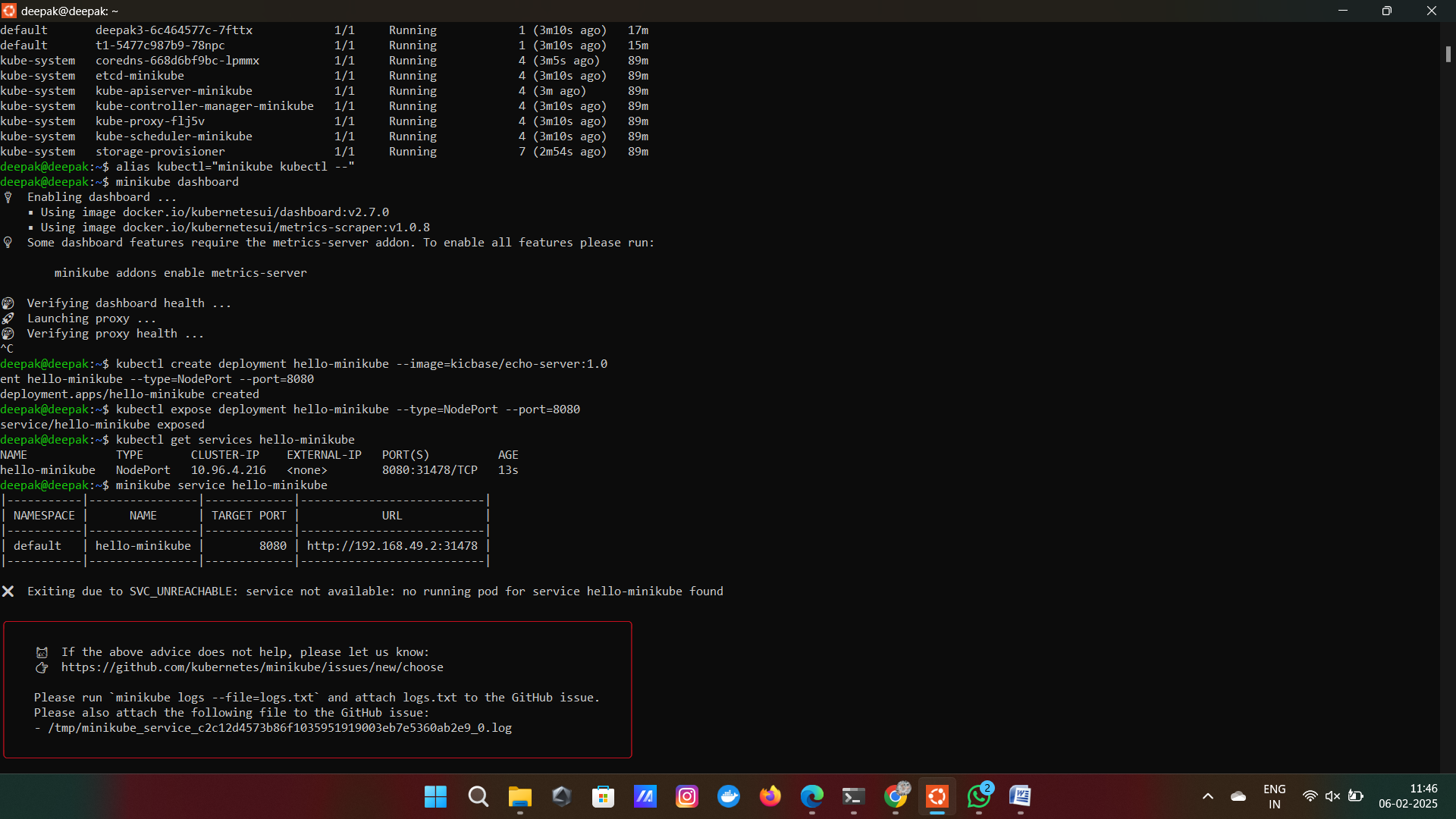
**Setting Up Minikube:**

* **Starting a Minikube cluster locally.**
* **Configuring Minikube to pull images from Docker Hub.**

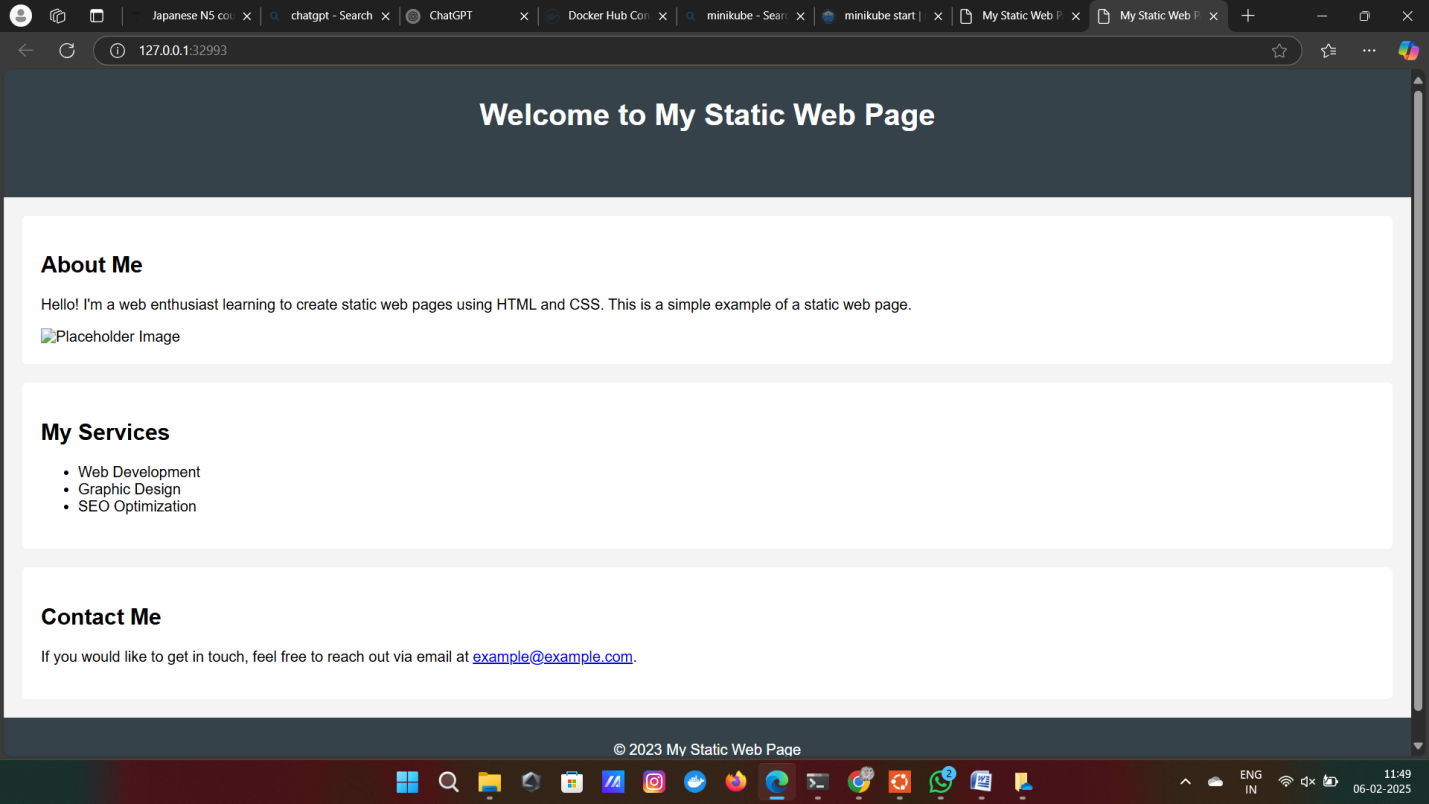


**Verifying Deployment:**

* **Checking if the pods are running.**
* **Accessing the application through Minikube service.**

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**OUTPUT :**

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