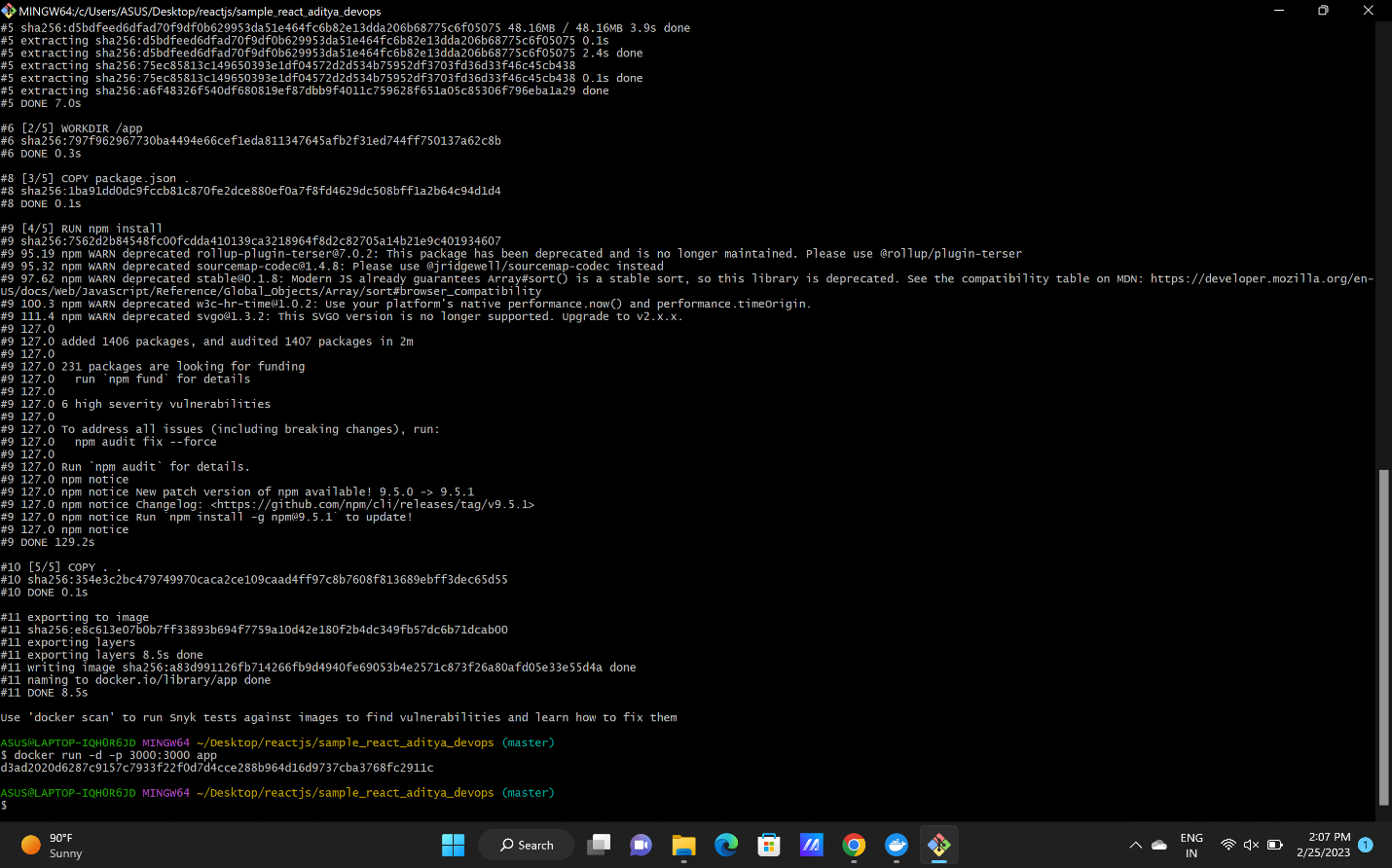
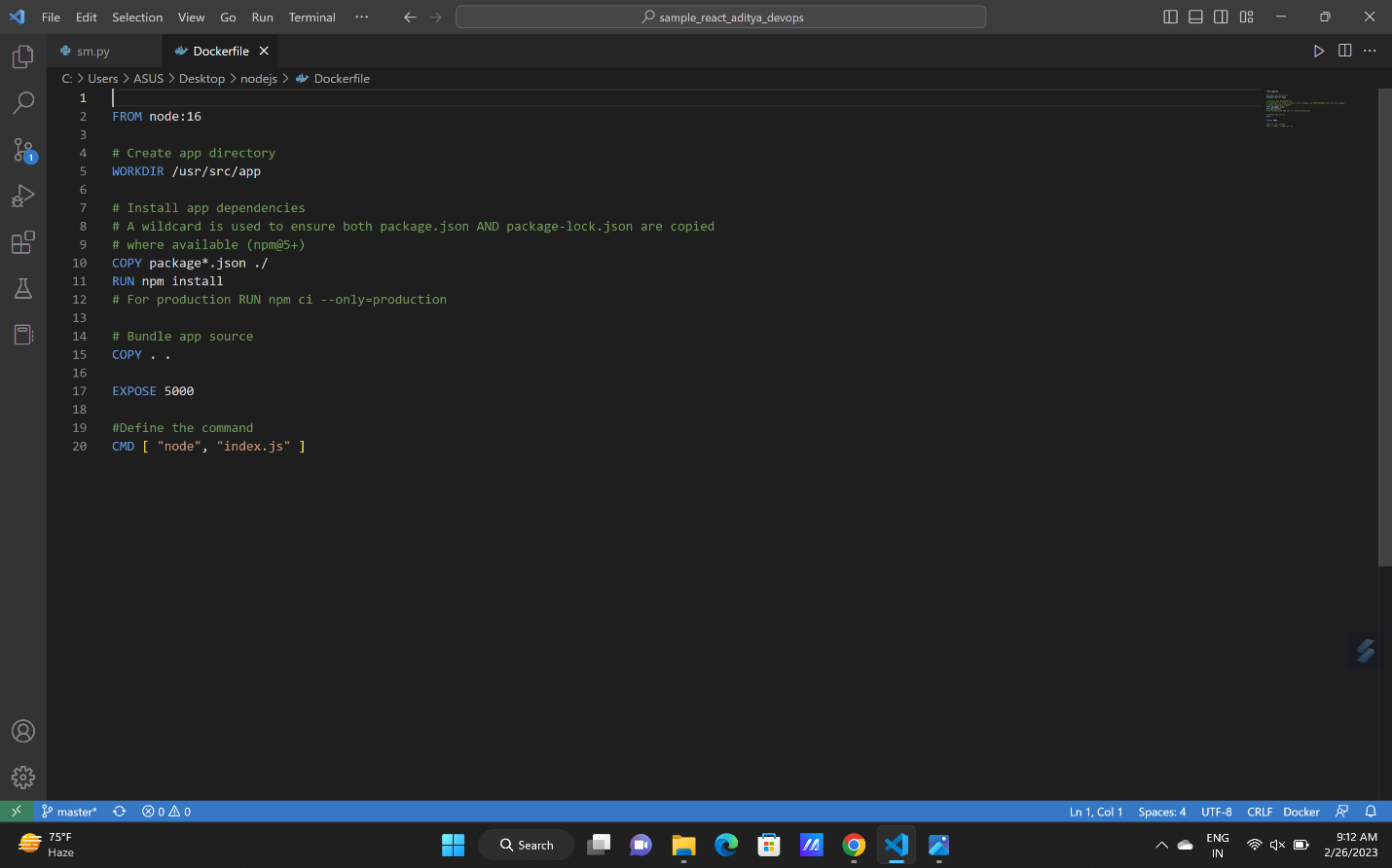
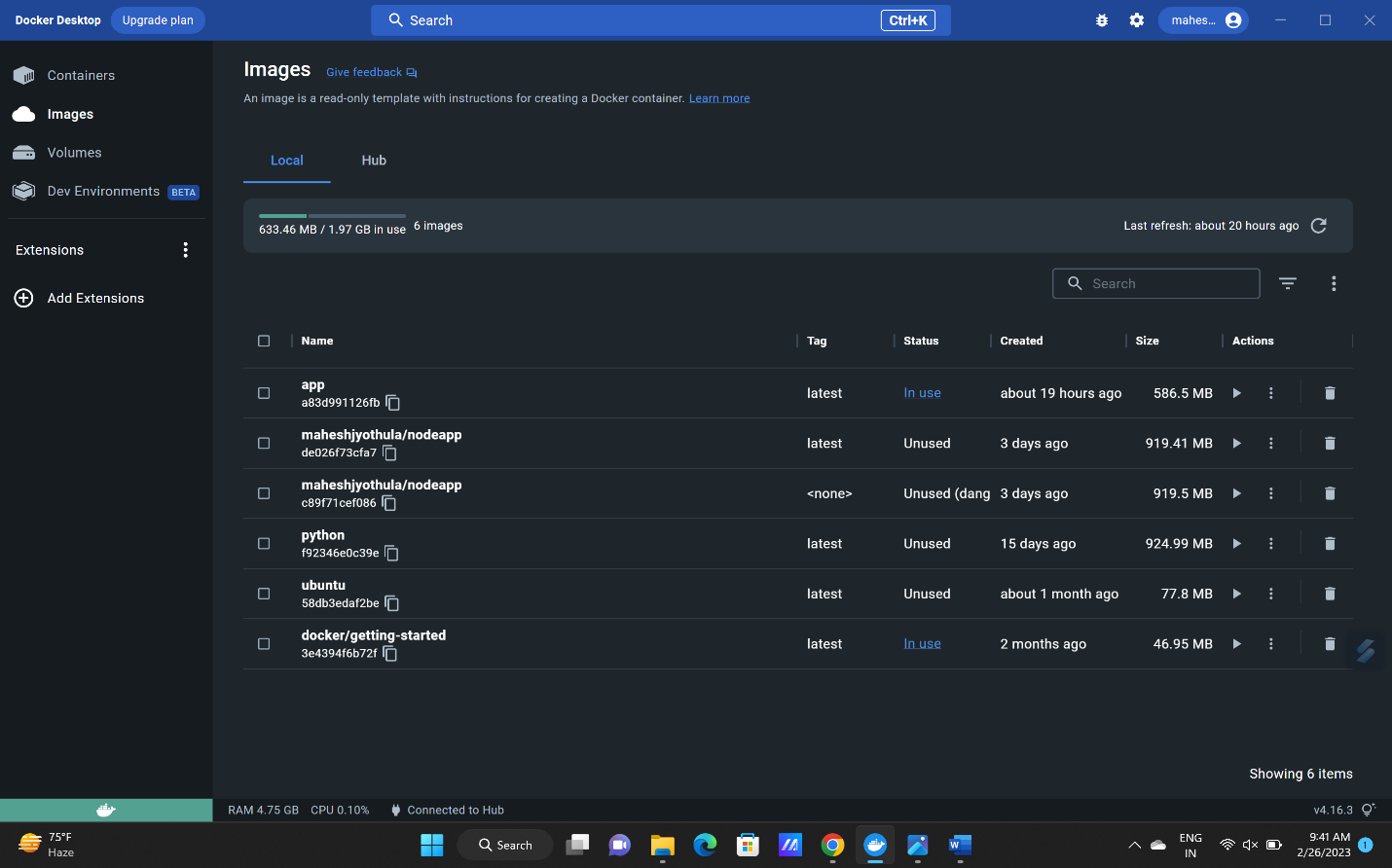
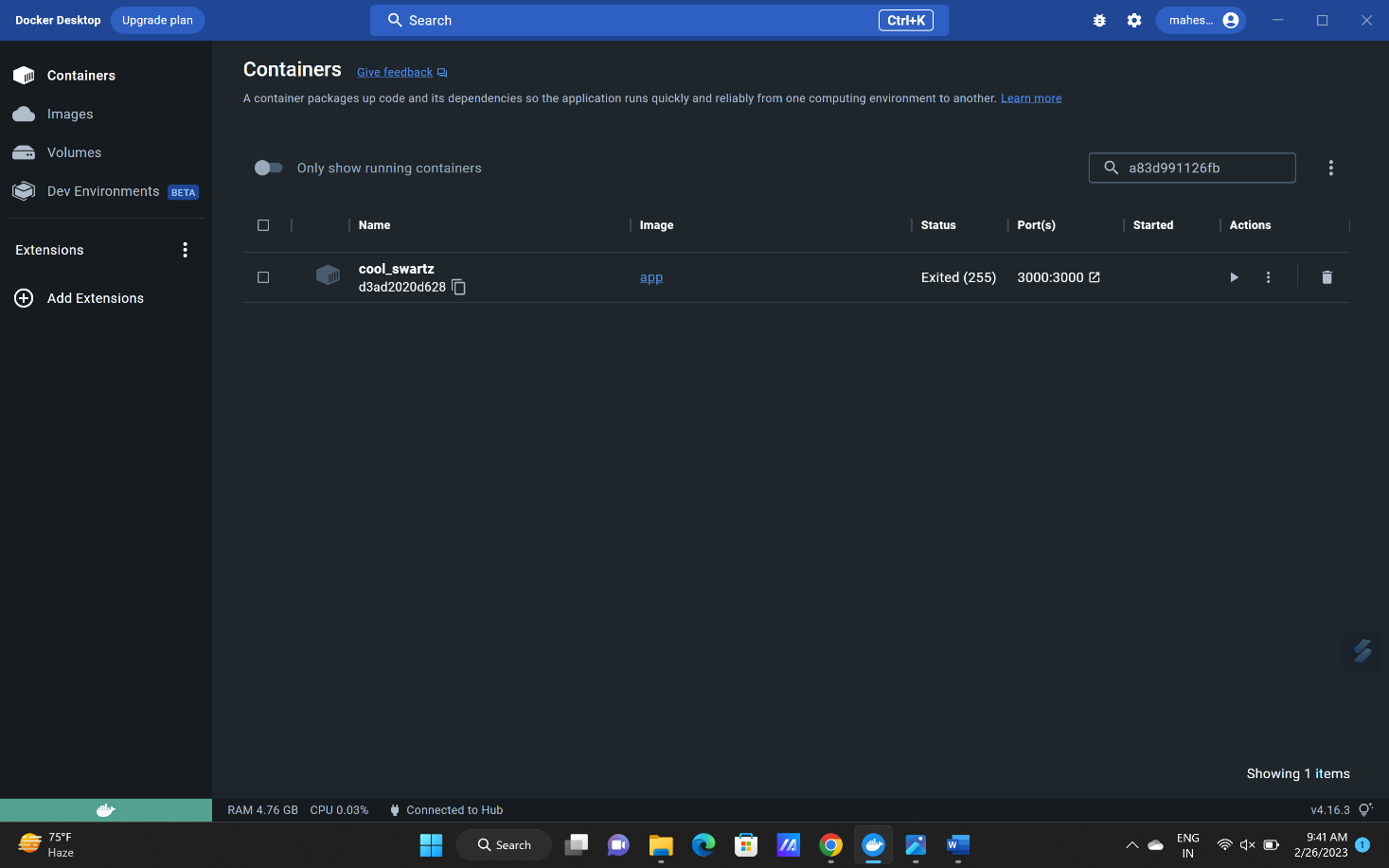
**Q1:** **.Create an docker container and image out of dockerfile**

**NODEJS**

Docker file for Nodejs: ****

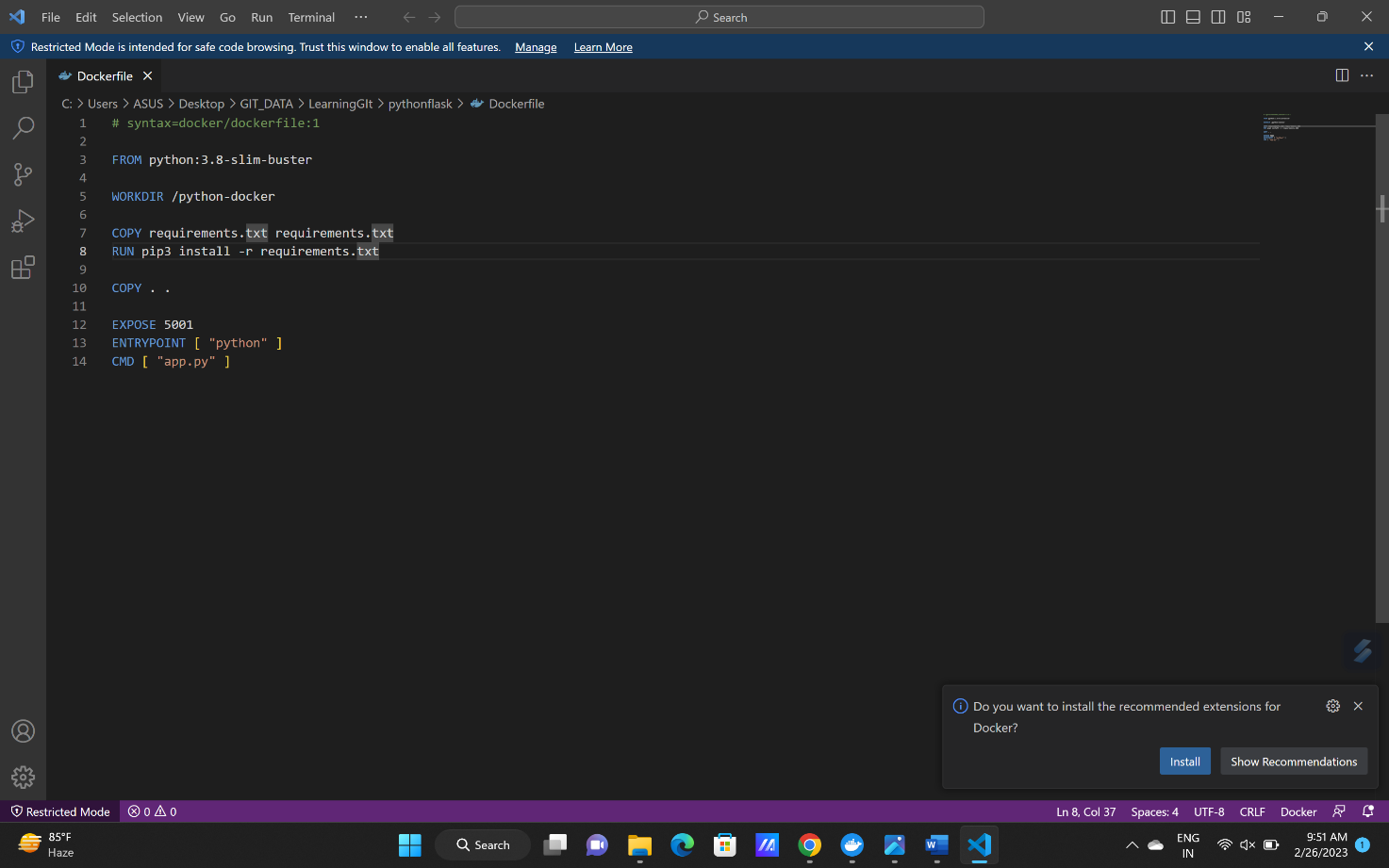
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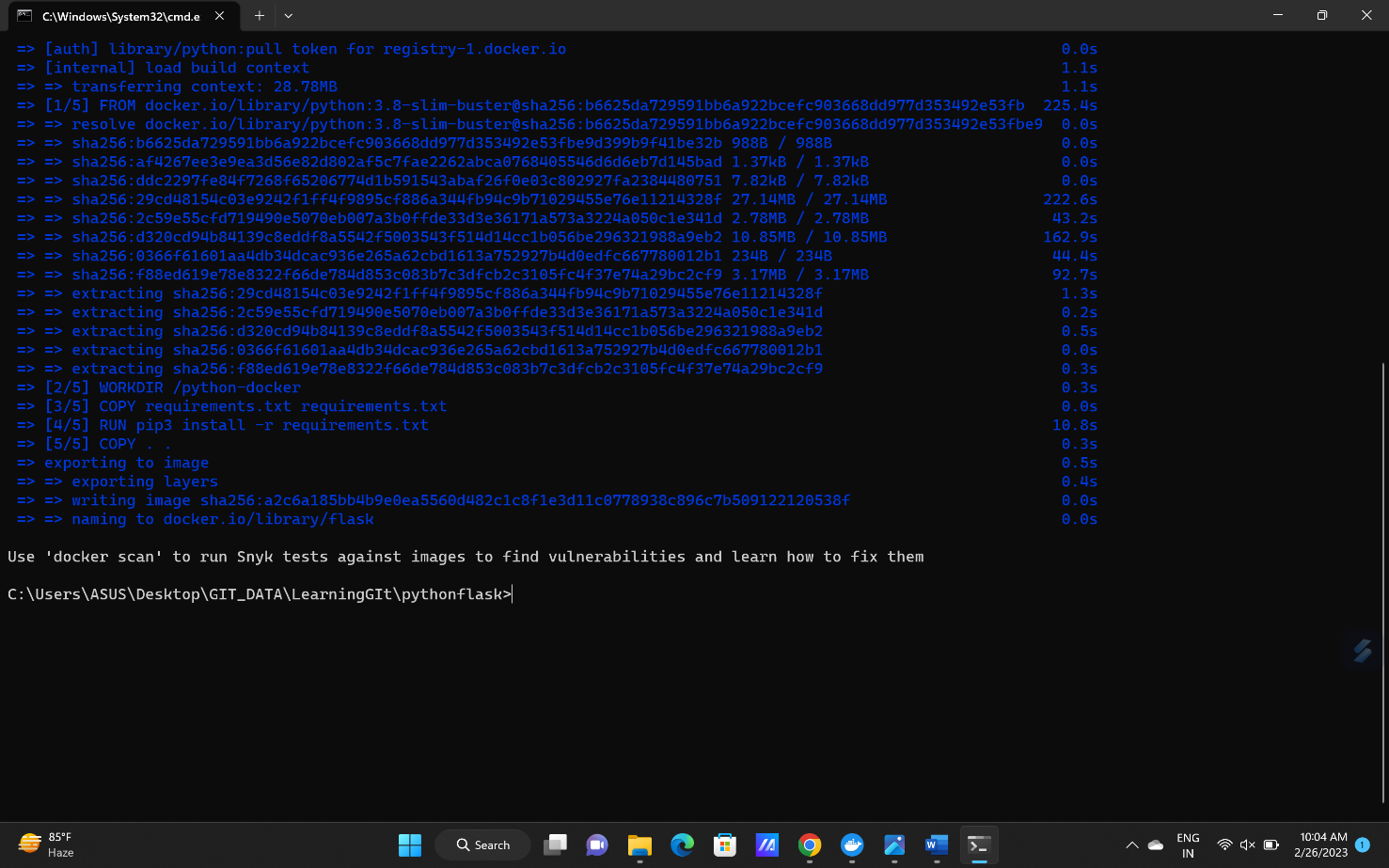
Container

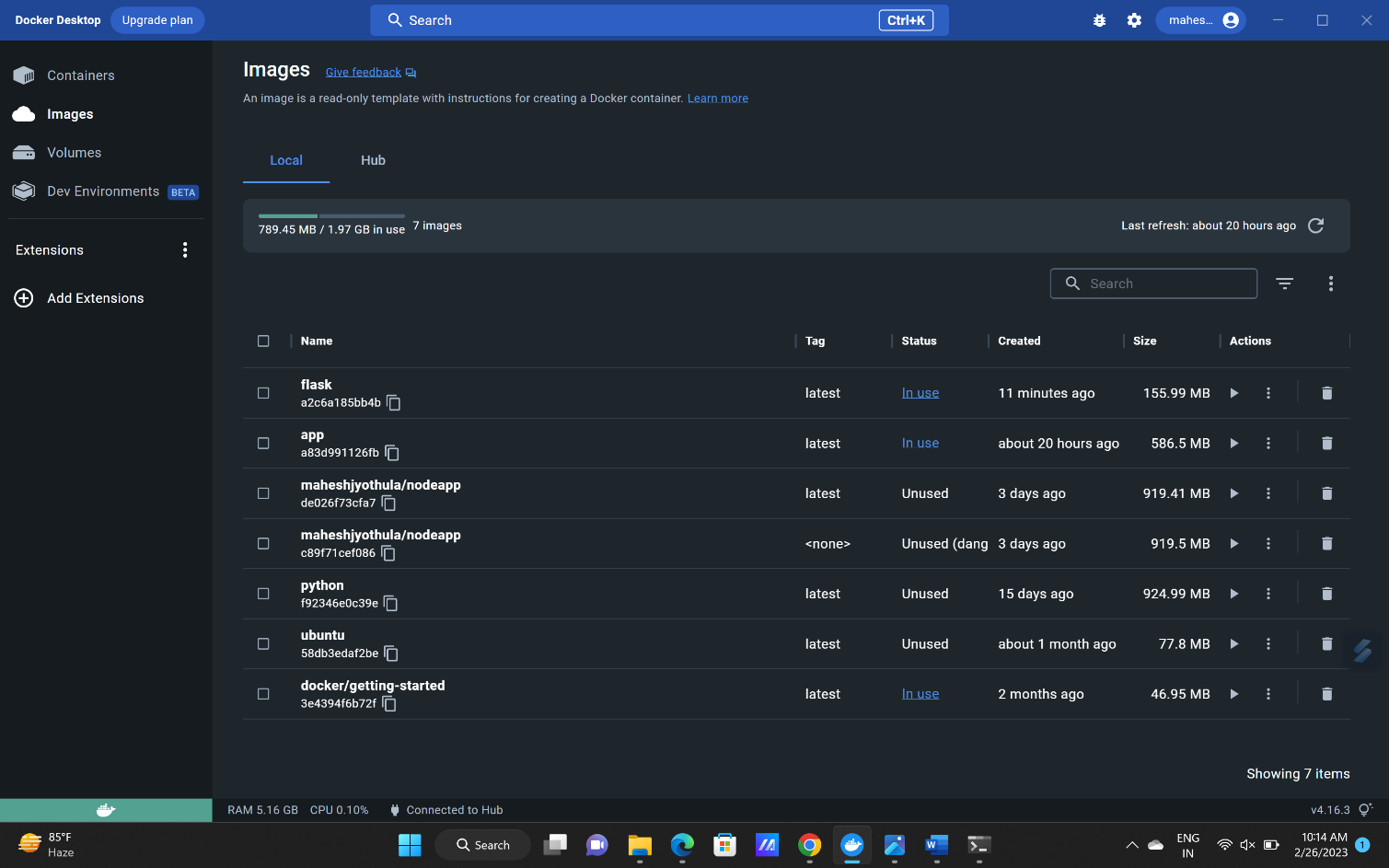


**PYTHON FLASK**

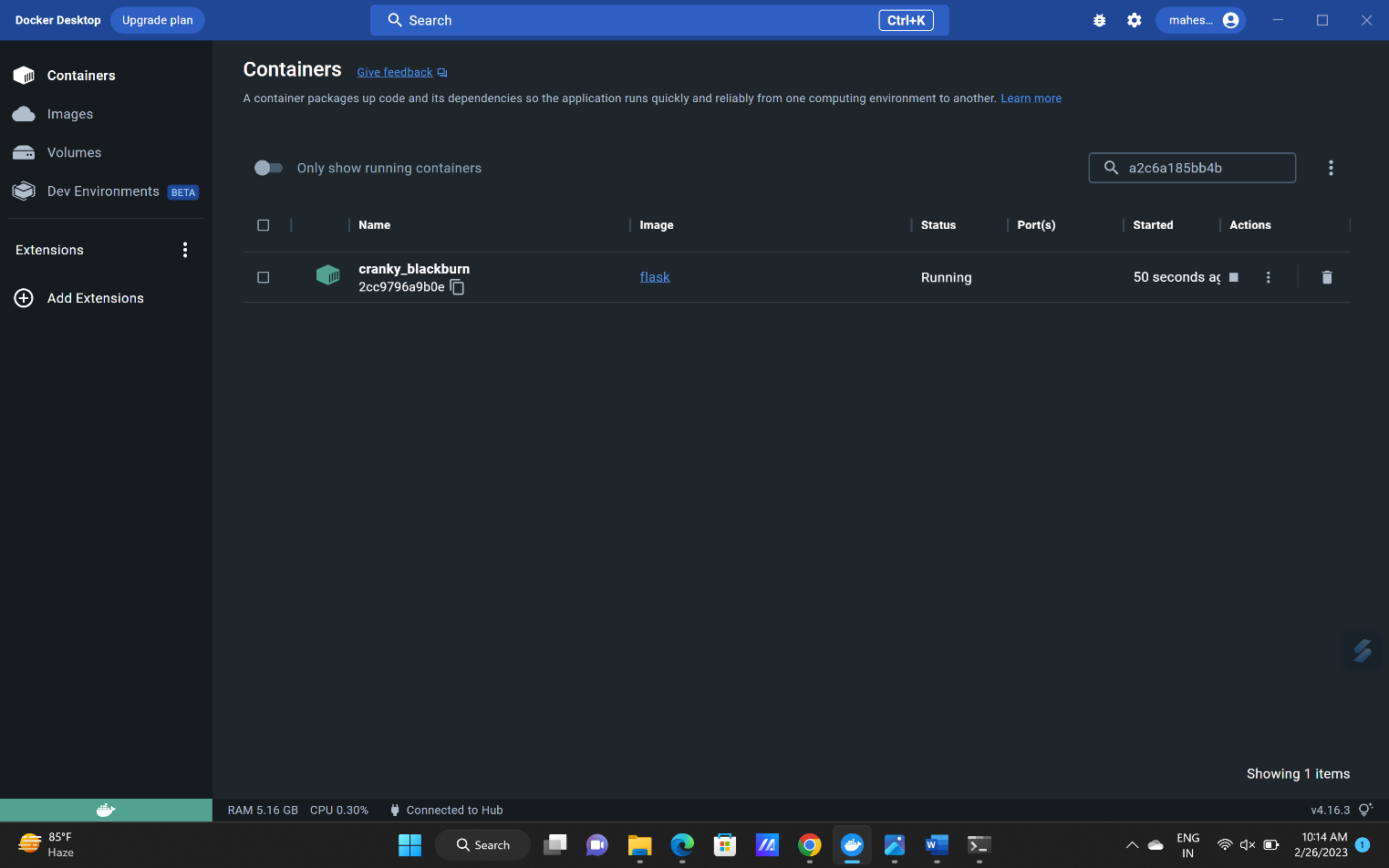
Docker file for python flask:

****

Docker image: docker build -t flask . 

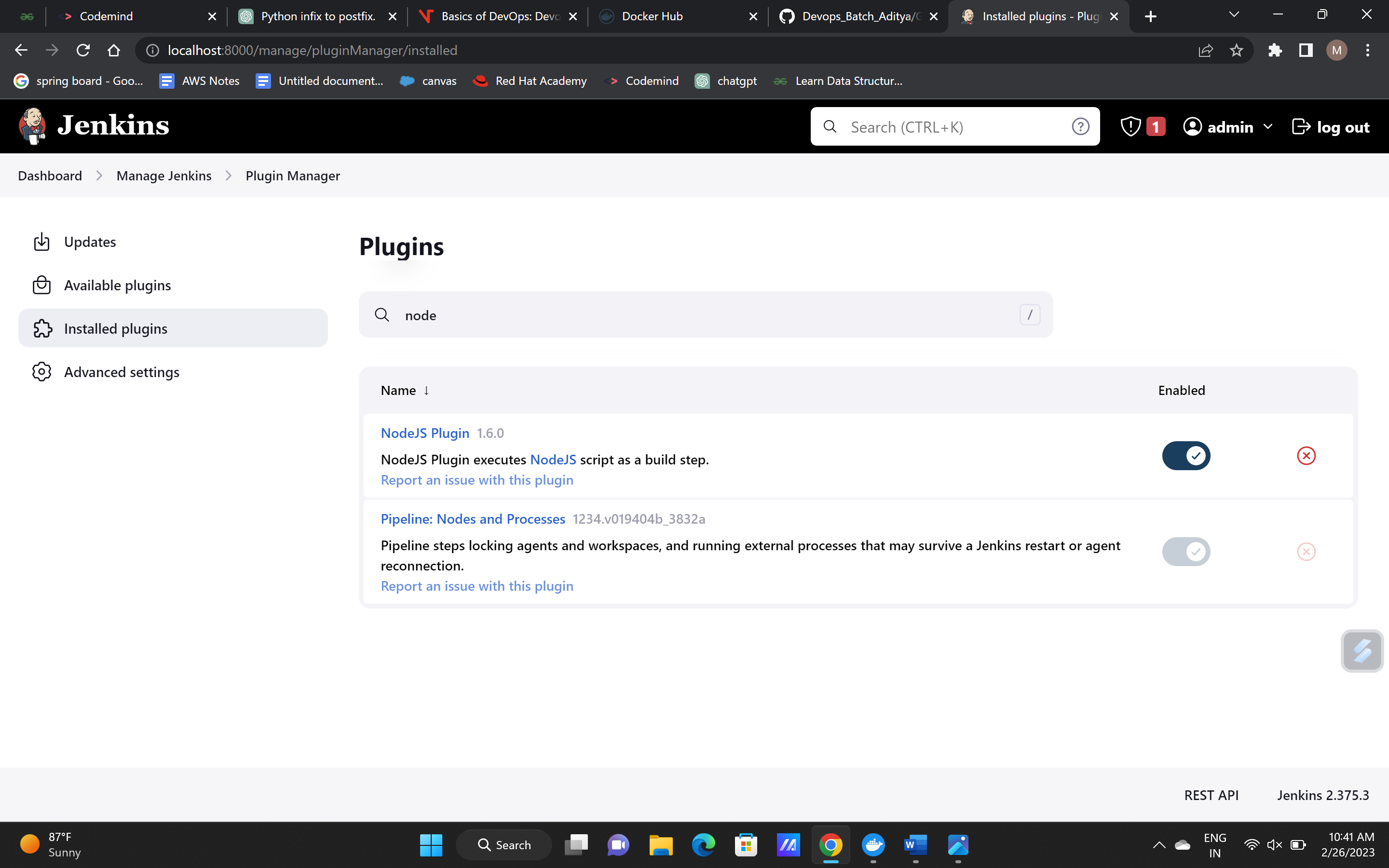


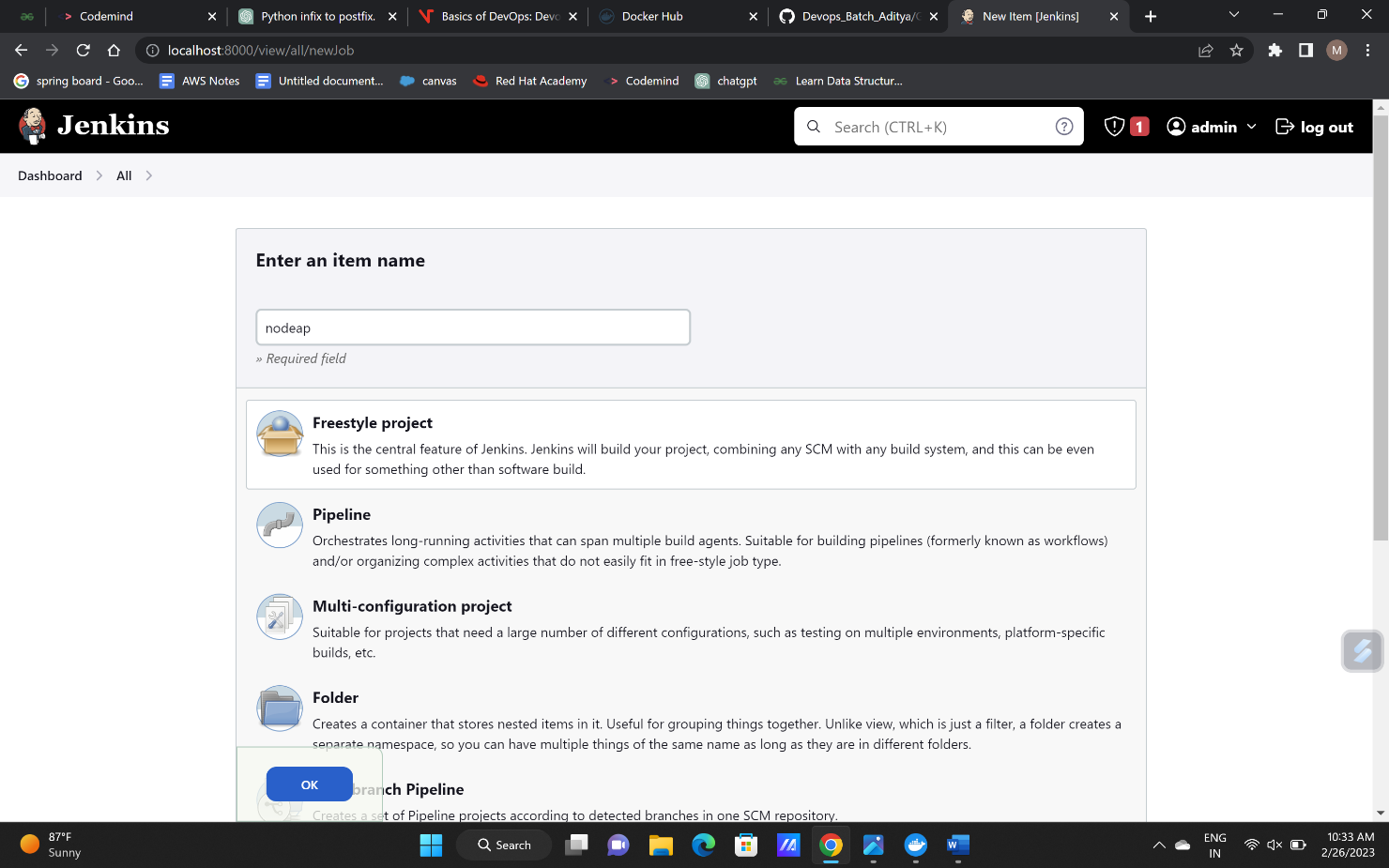
Docker container (flask):



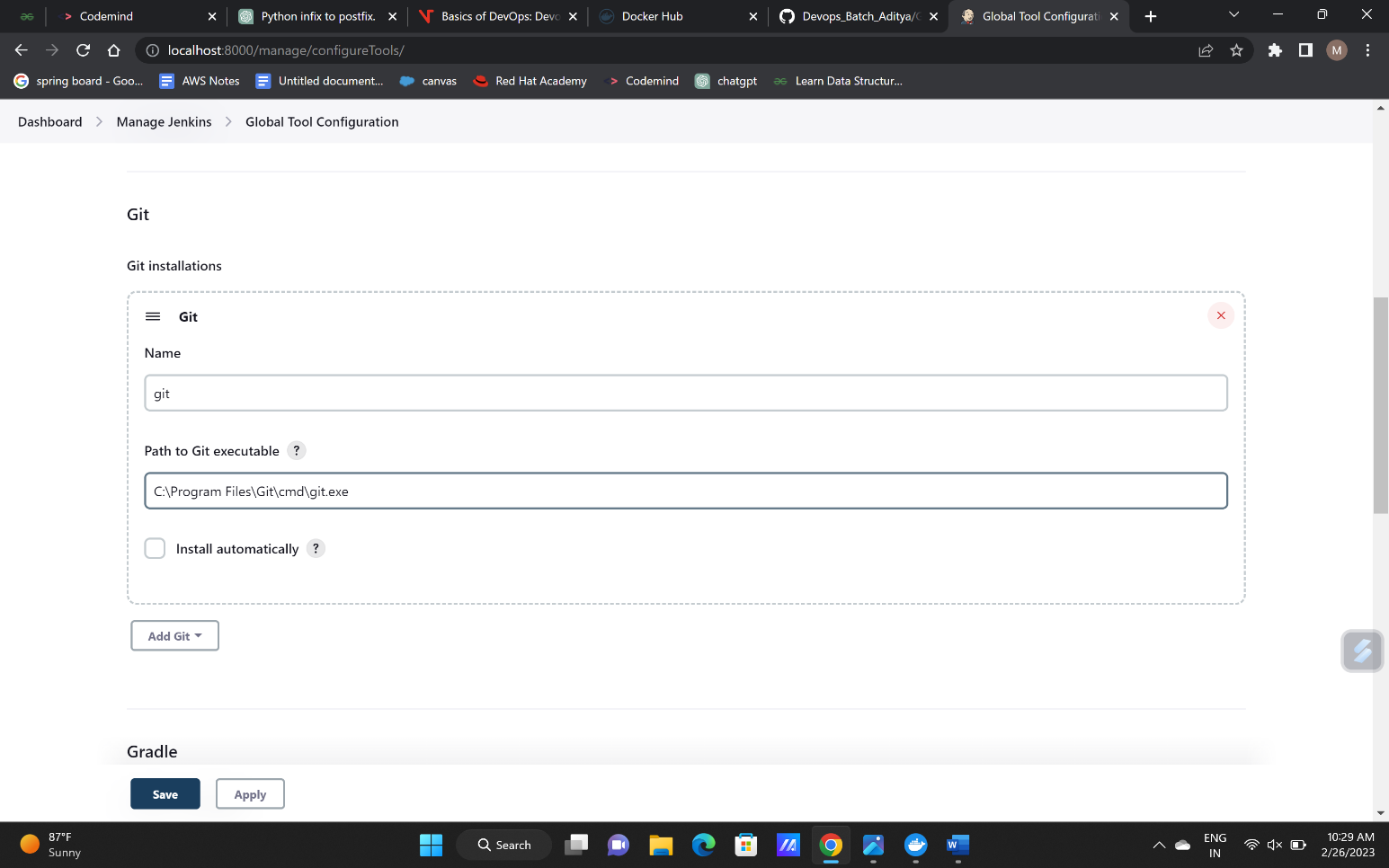
**Q2: .Create a CI-CD pipeline for a Nodejs Application in Jenkins**

Install Nodejs plugin:

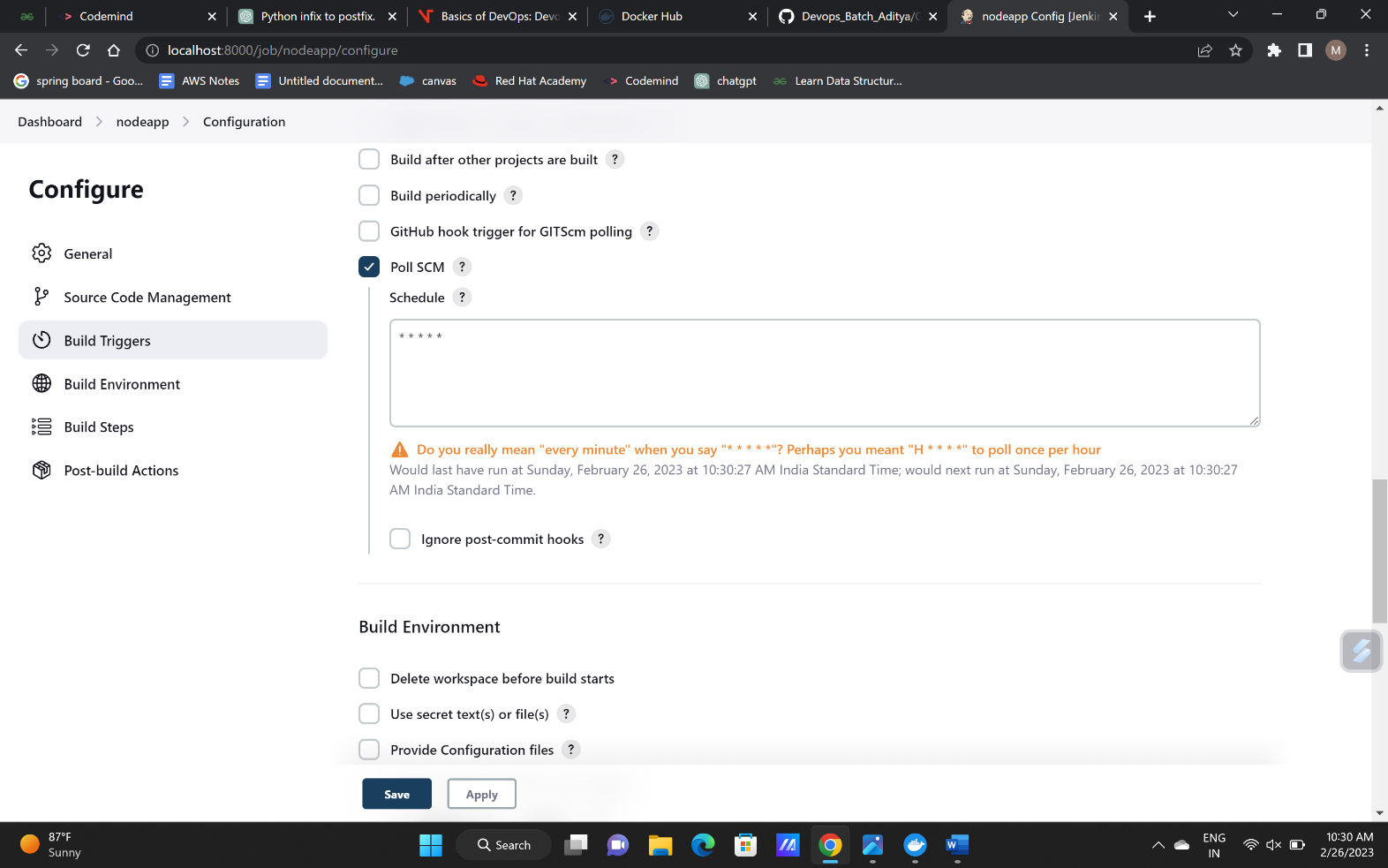


Create a freestyle project: ****

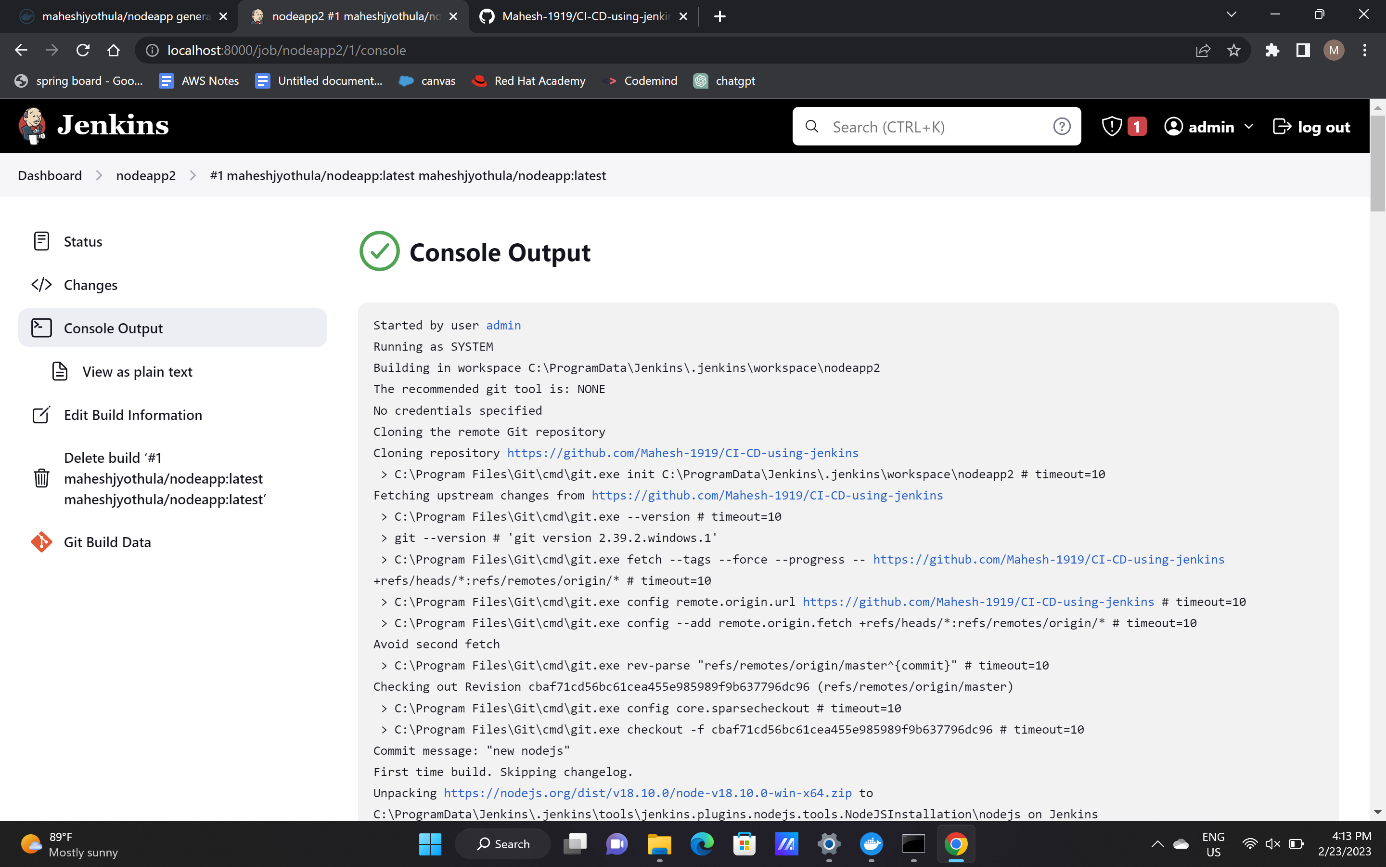
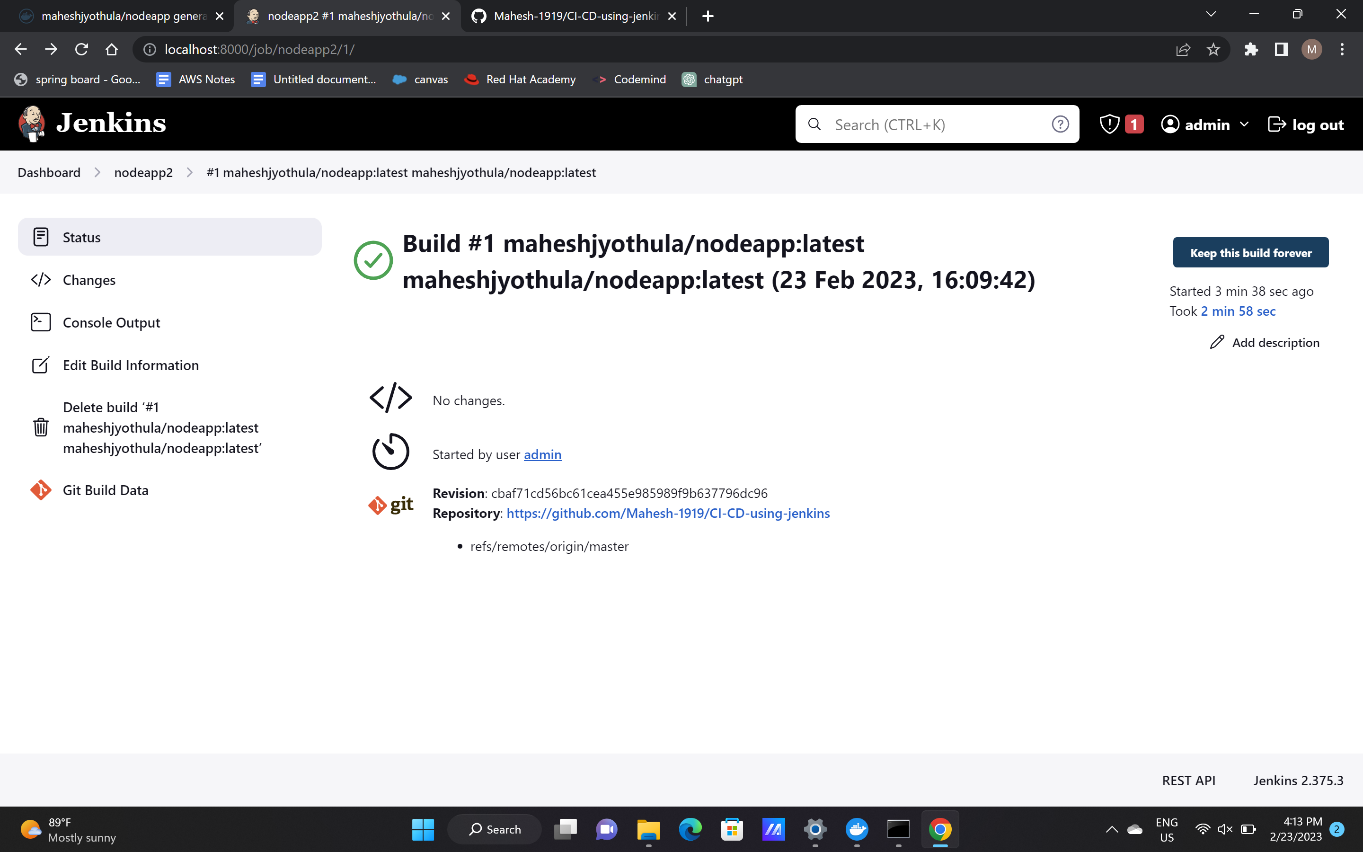
Group tool configuration:



Configure:

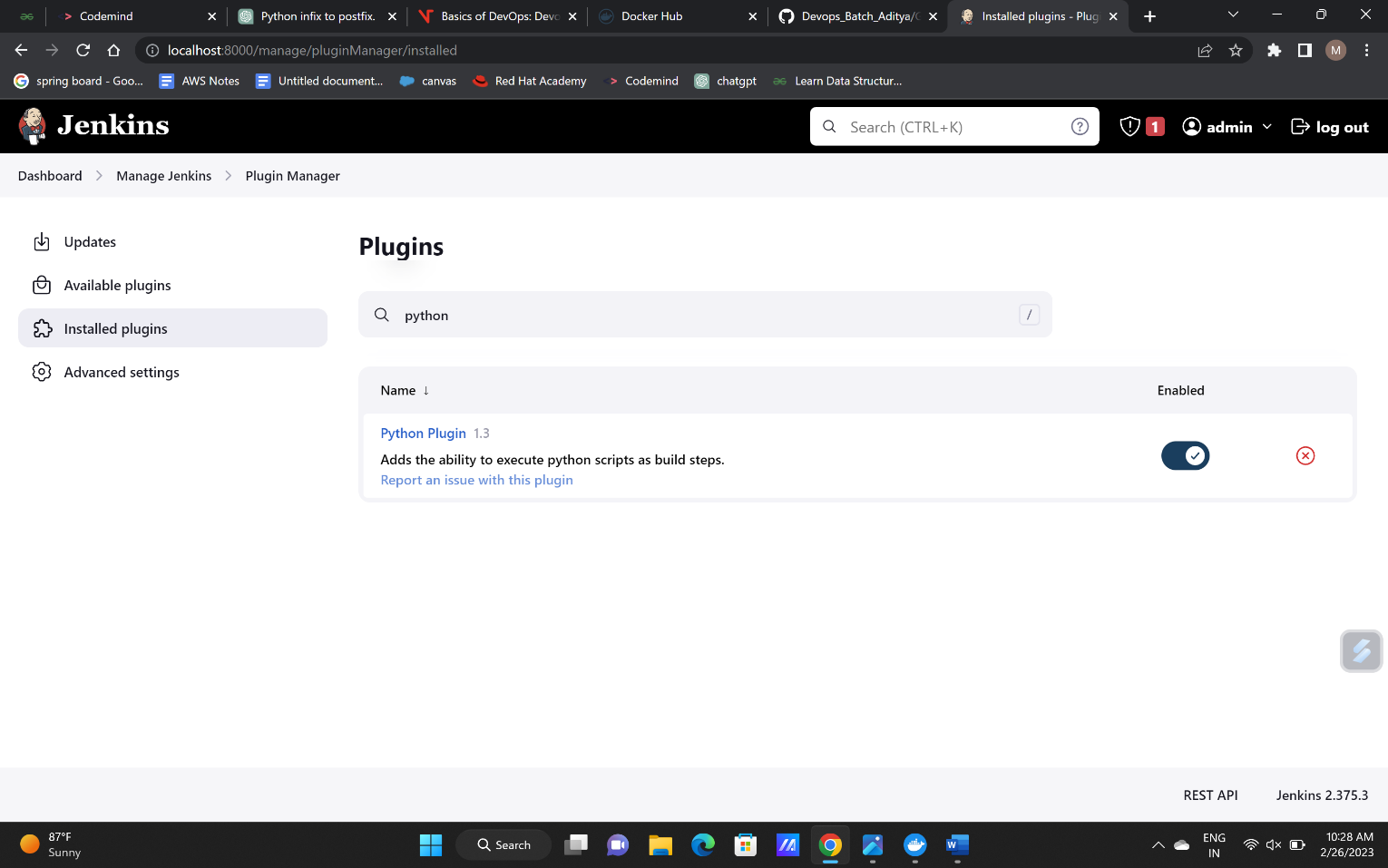


**Build the ci-cd pipeline :**

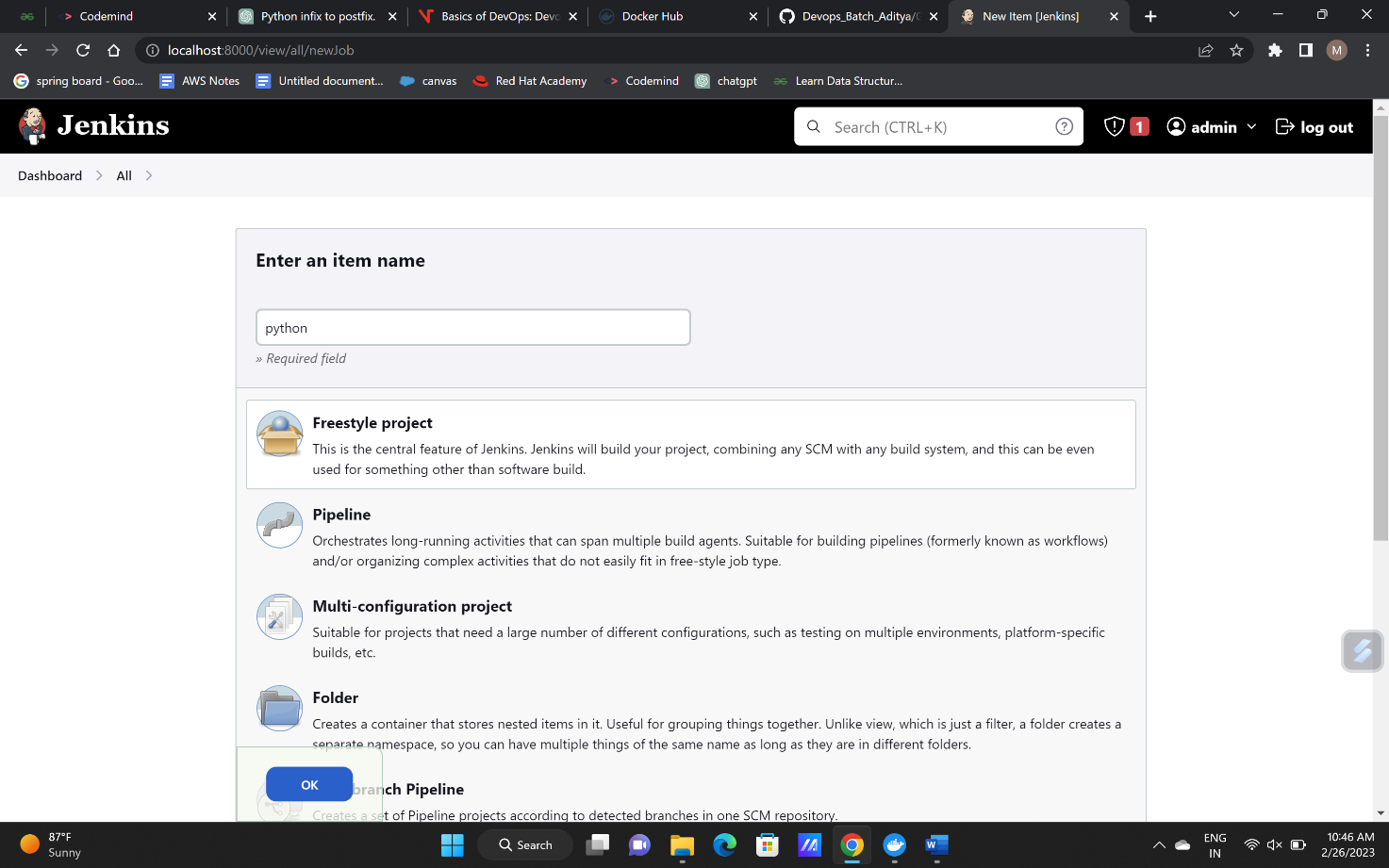
****

**Q3: create a CI-CD pipeline for python applications**

1.Install the pyhton plugin:



2. create the freestyle project:



3.cofigure:

