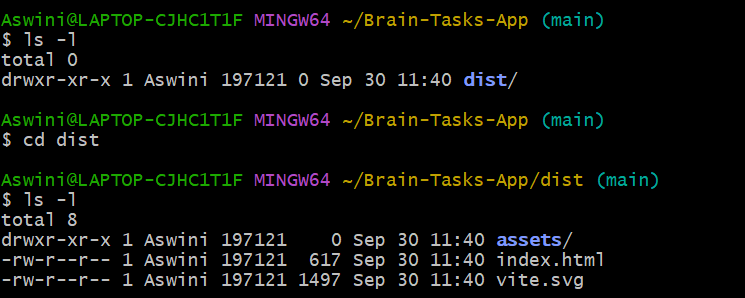
MindTrack Project:

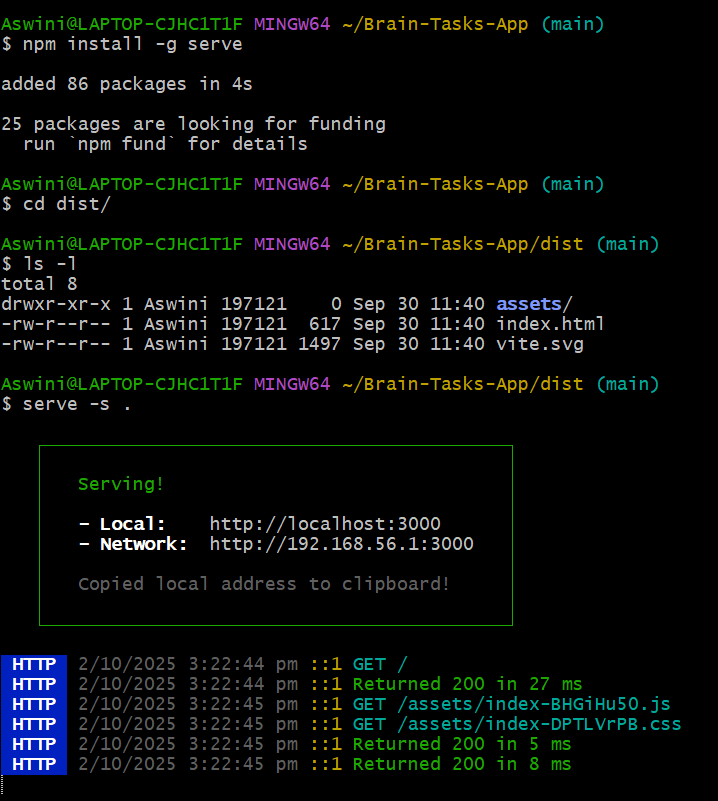
Pre-Requisites:

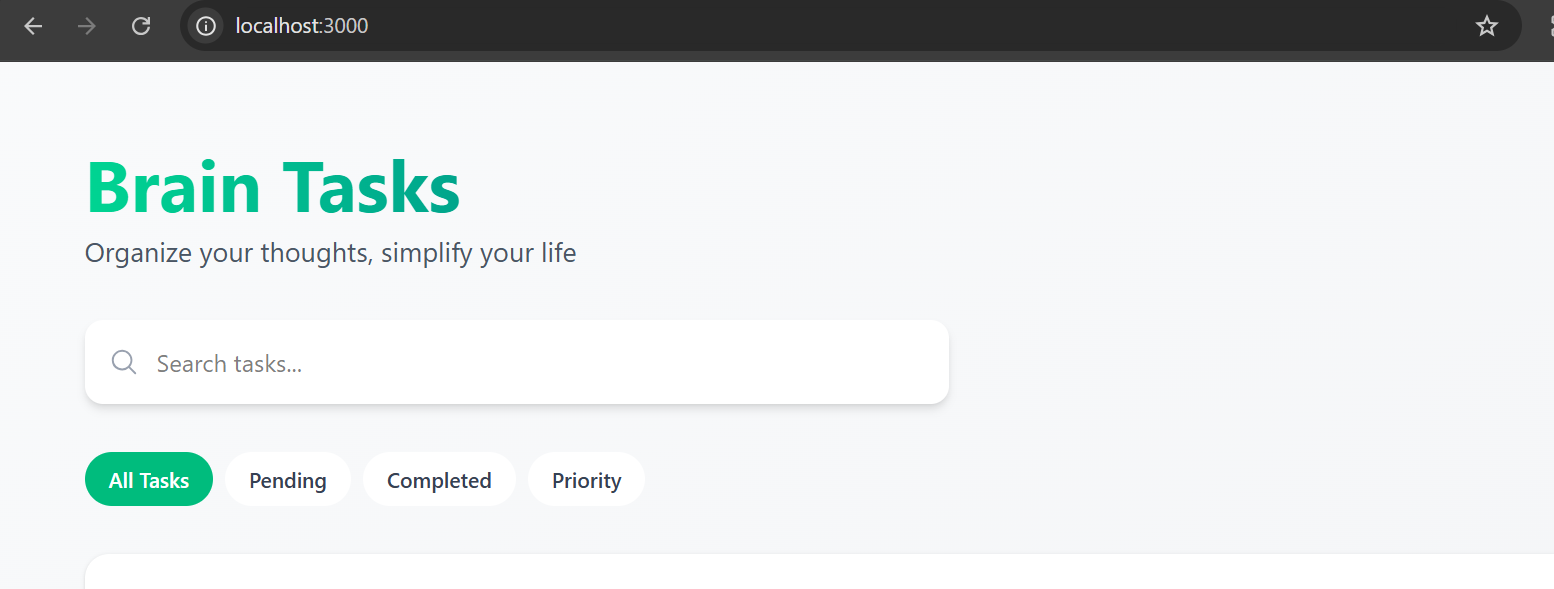
* Git
* Docker Desktop for Windows
* Kubectl
* Eksctl
* AWS cli
* Node and npm to build react js application

Step 1: Clone the repo <https://github.com/Vennilavan12/Brain-Tasks-App.git> locally

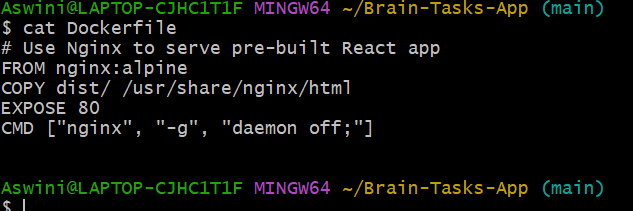


Step 2: run the application locally and see if it is serving

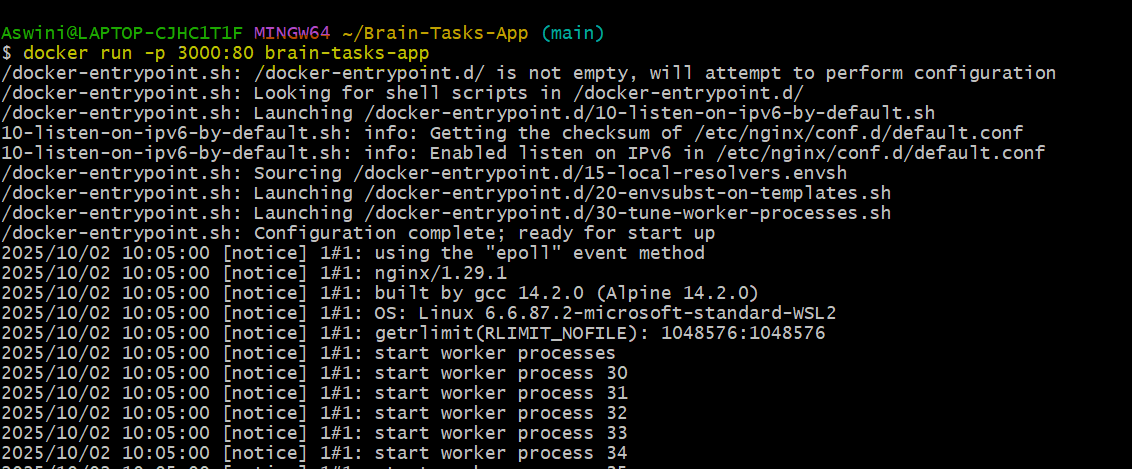


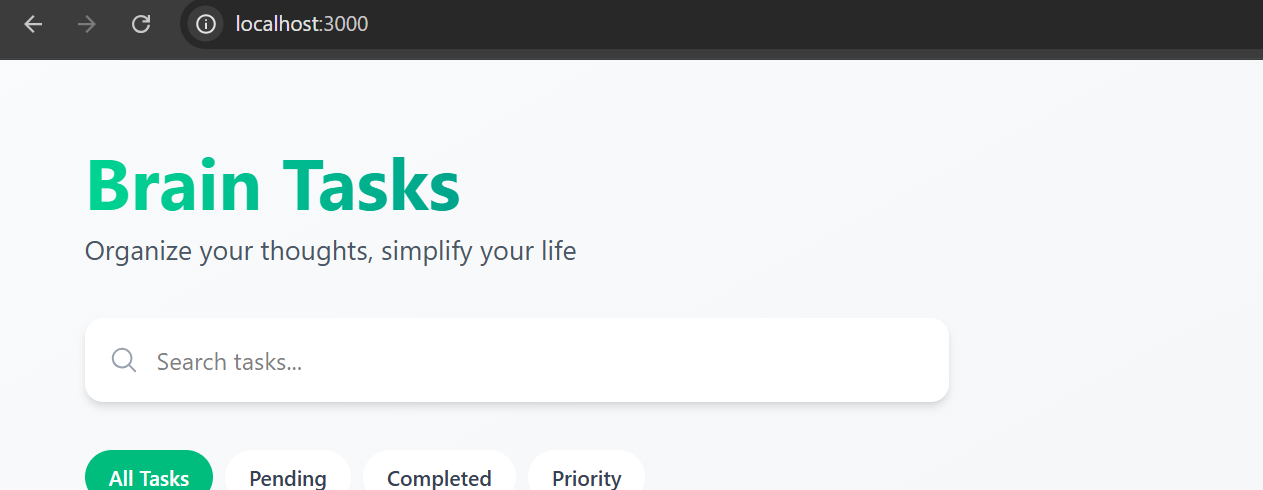


Step 3: Dockerize the application

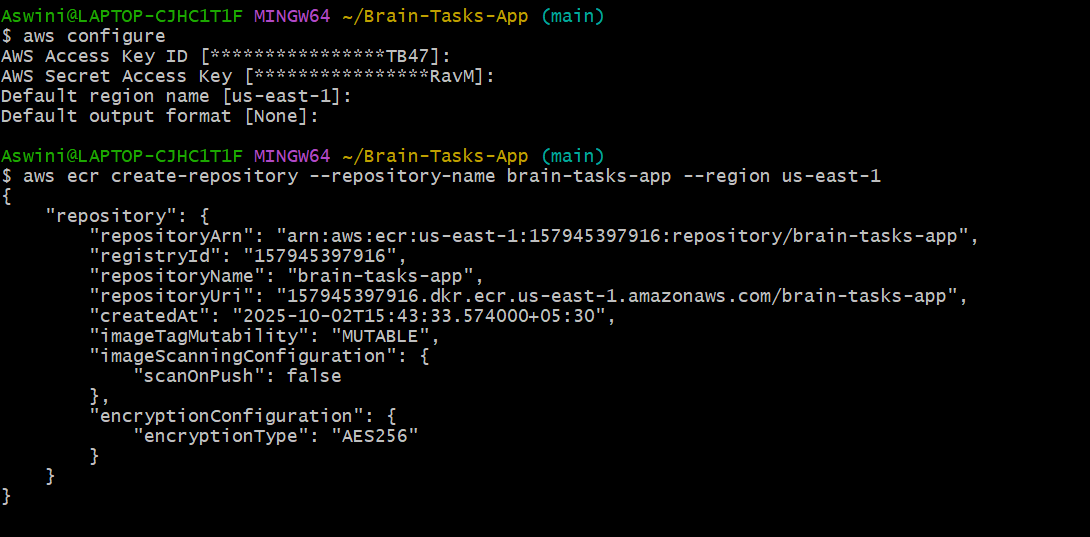


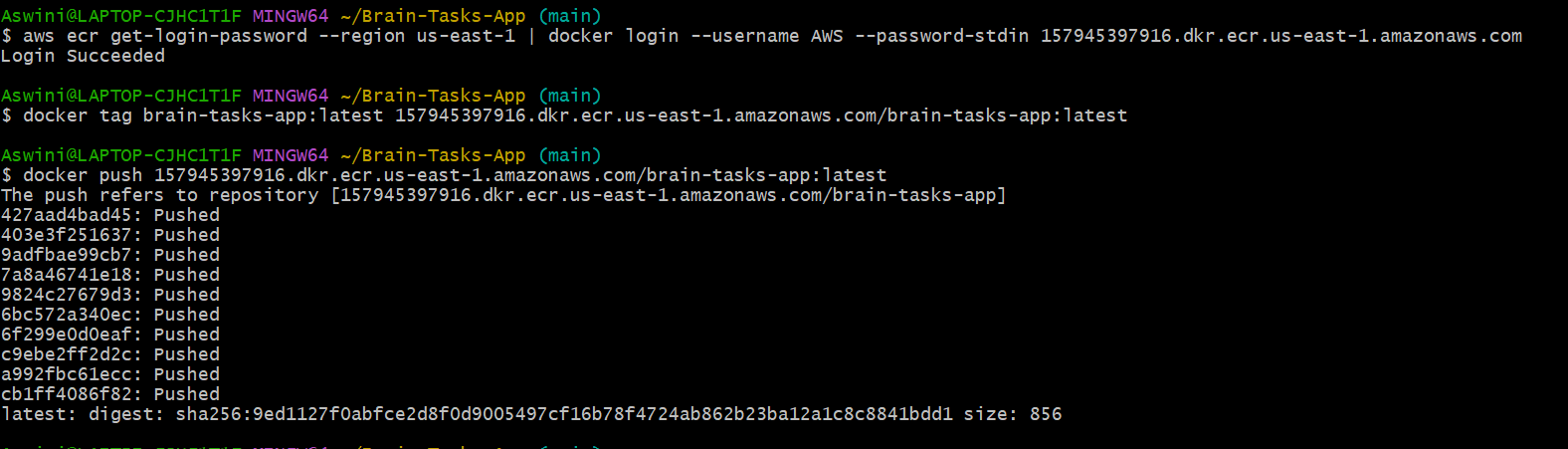




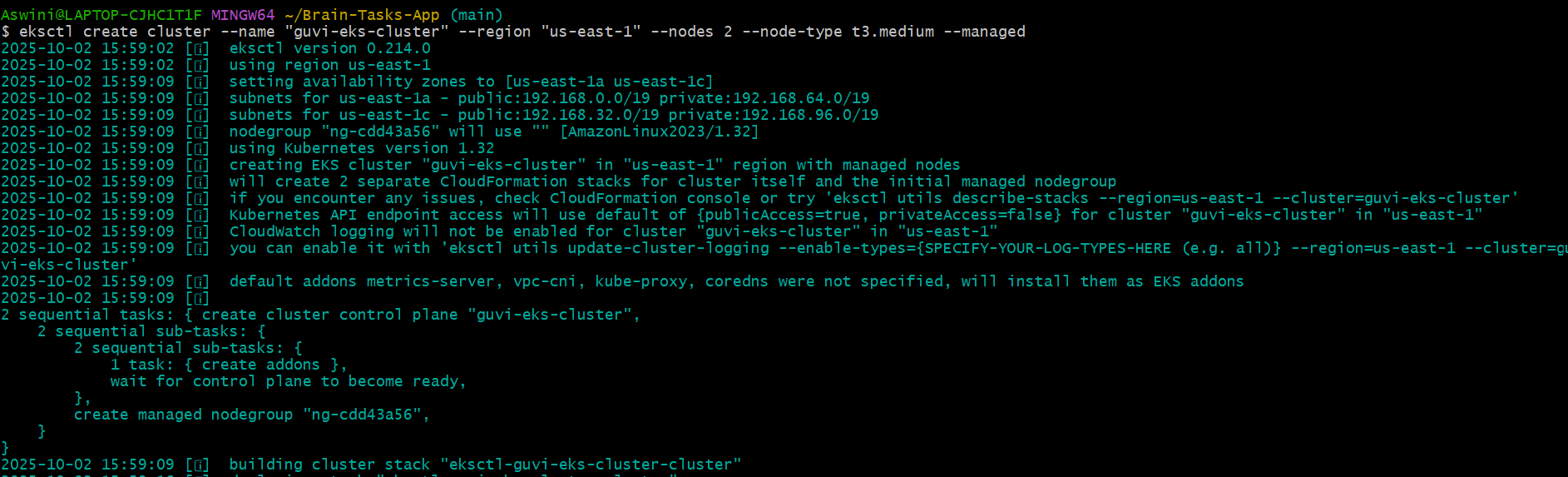


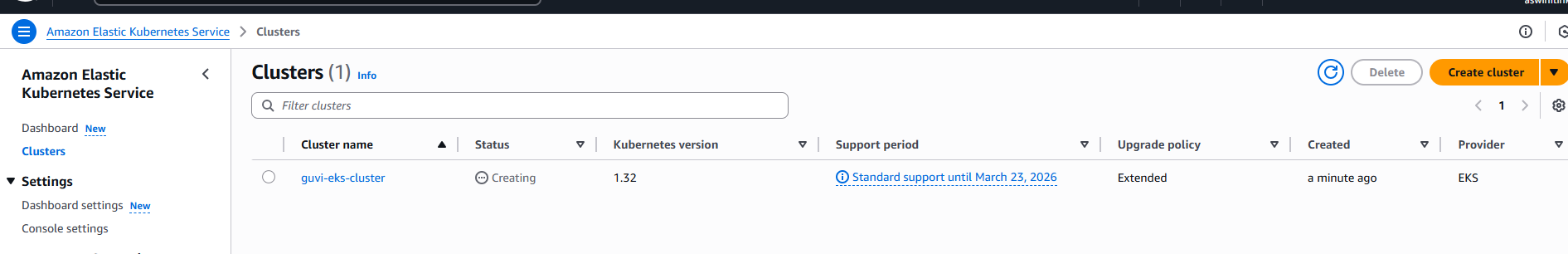
Step 4: Pushing the created docker image to ECR:

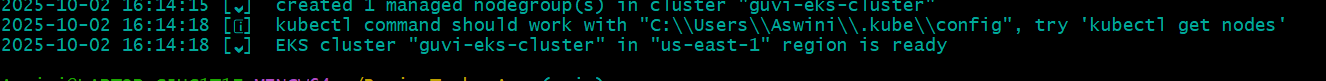


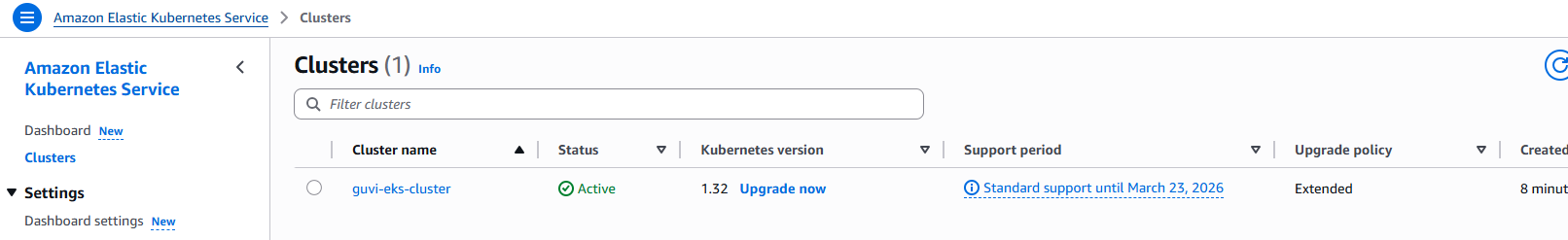
Step 5: Tag and push the image to ECR  


Step 6: Create EKS cluster and make sure the clusters are running

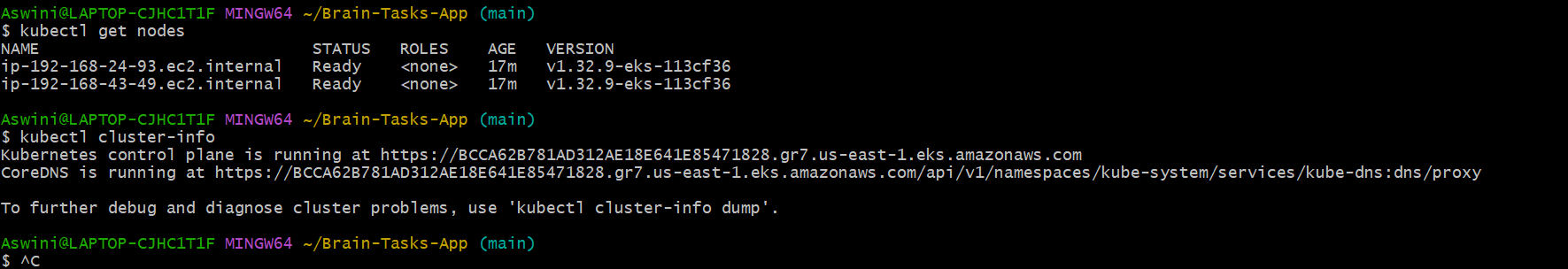


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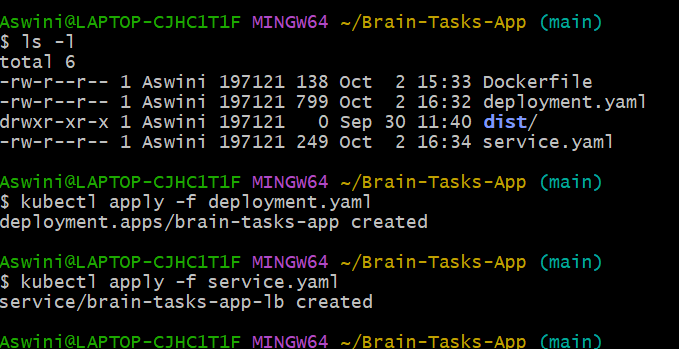
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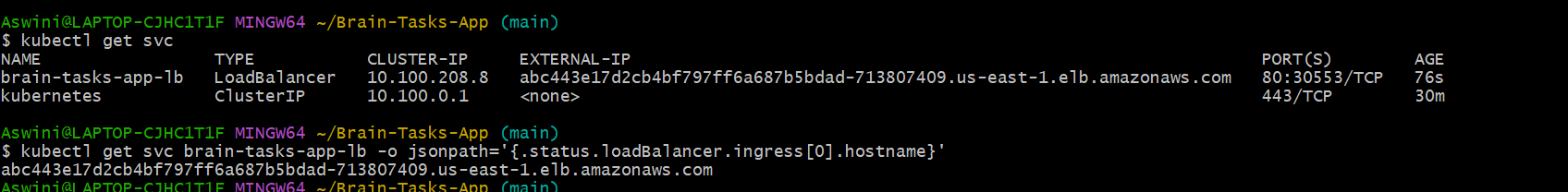
**Verifying if the clusters are up and running**

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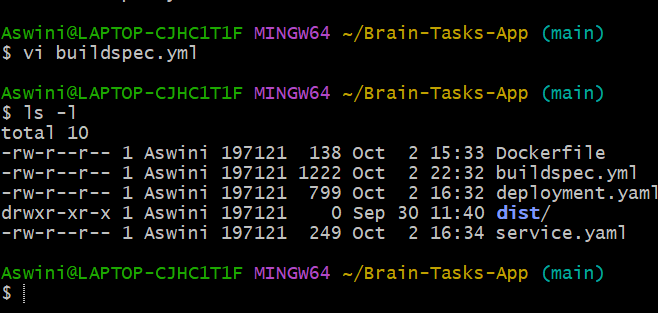
**Step 7: Create Deployment and service yaml files**

****

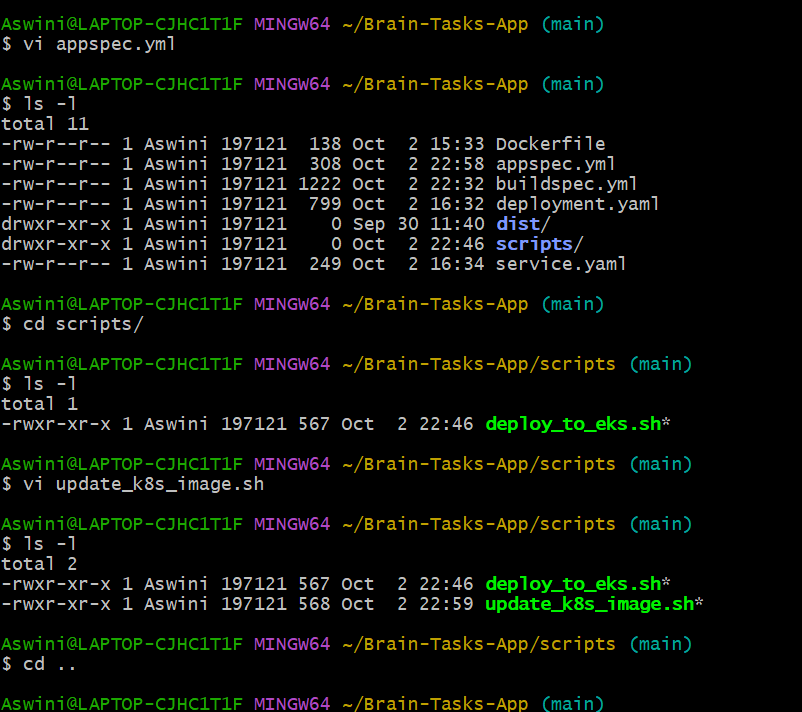
**Step8: Check the status of the cluster and get the Load balancer ARN**

****

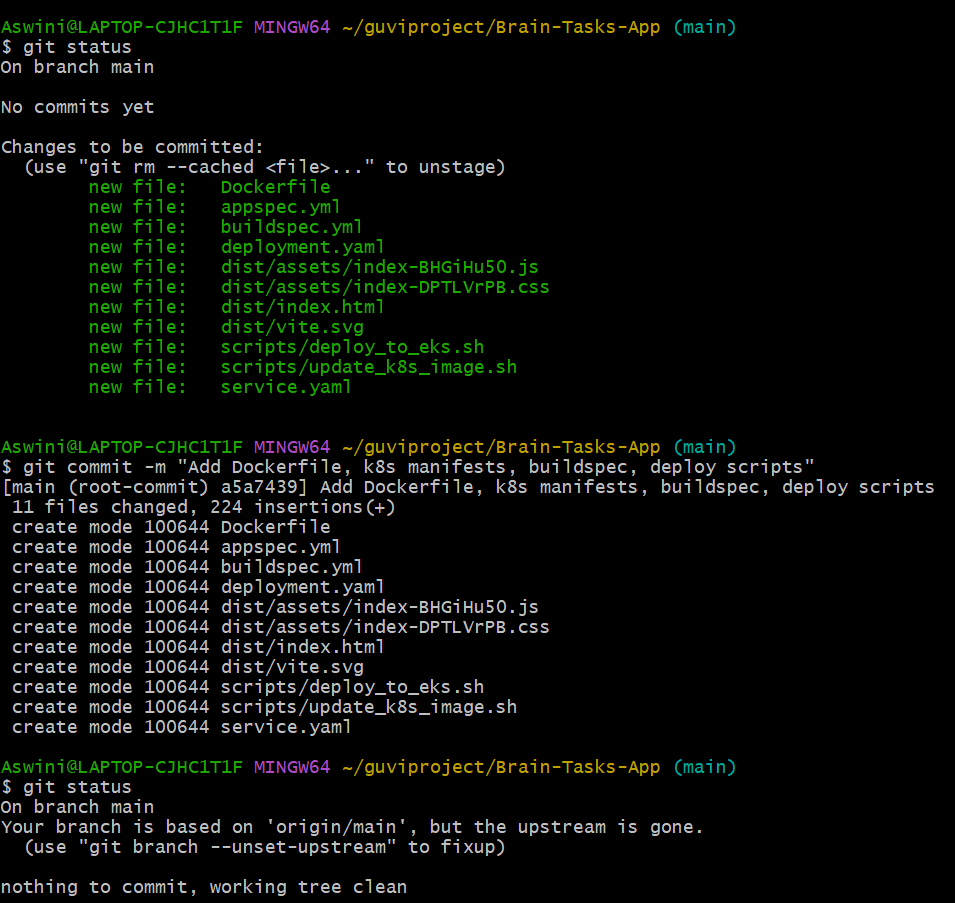
**STEP 9: Create the buildspec.yml file for the CodeBuild build stage**

****

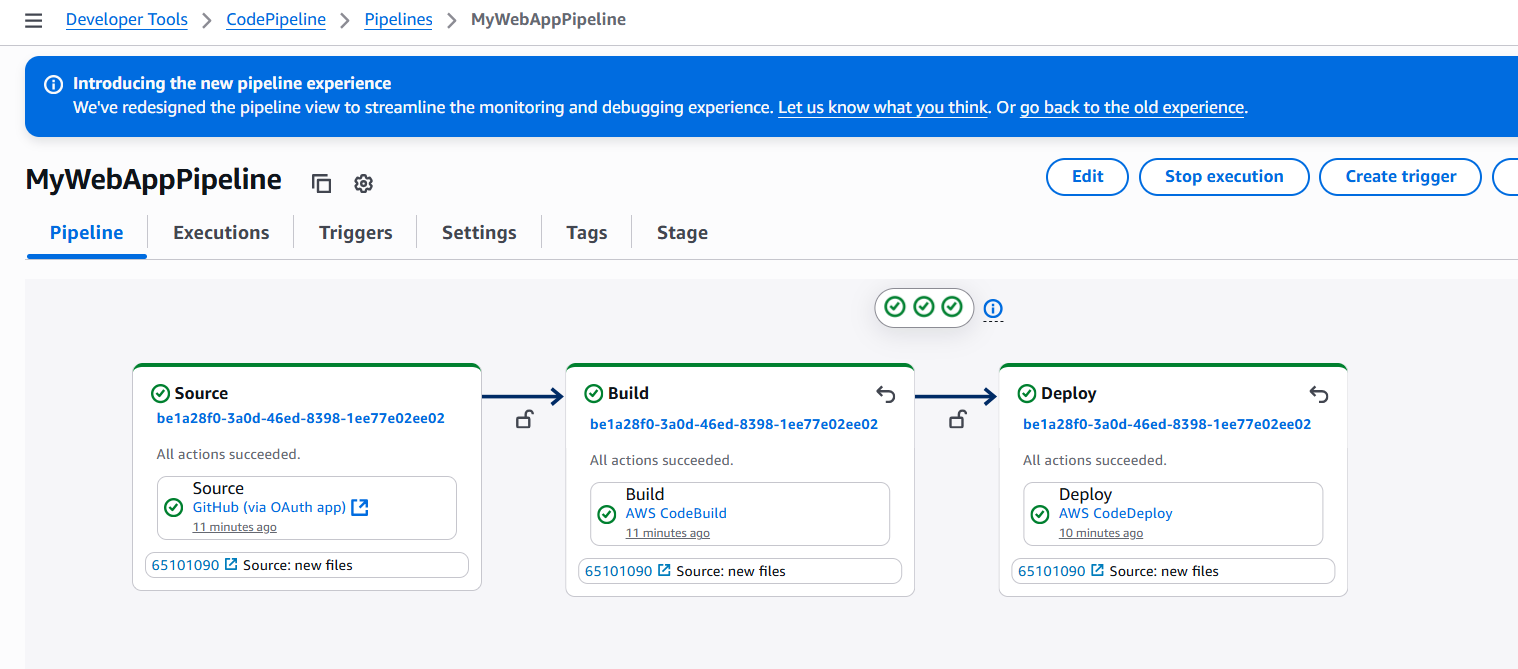
**Step 10: Create appspec.yml to specify the CodeDeploy instructions for Kubernetes**

****

**Step 11: Push all the files to my git repo**

****

**Step 12: Creating a Code Pipeline**



**Step 13: Deploying the code and testing it**

