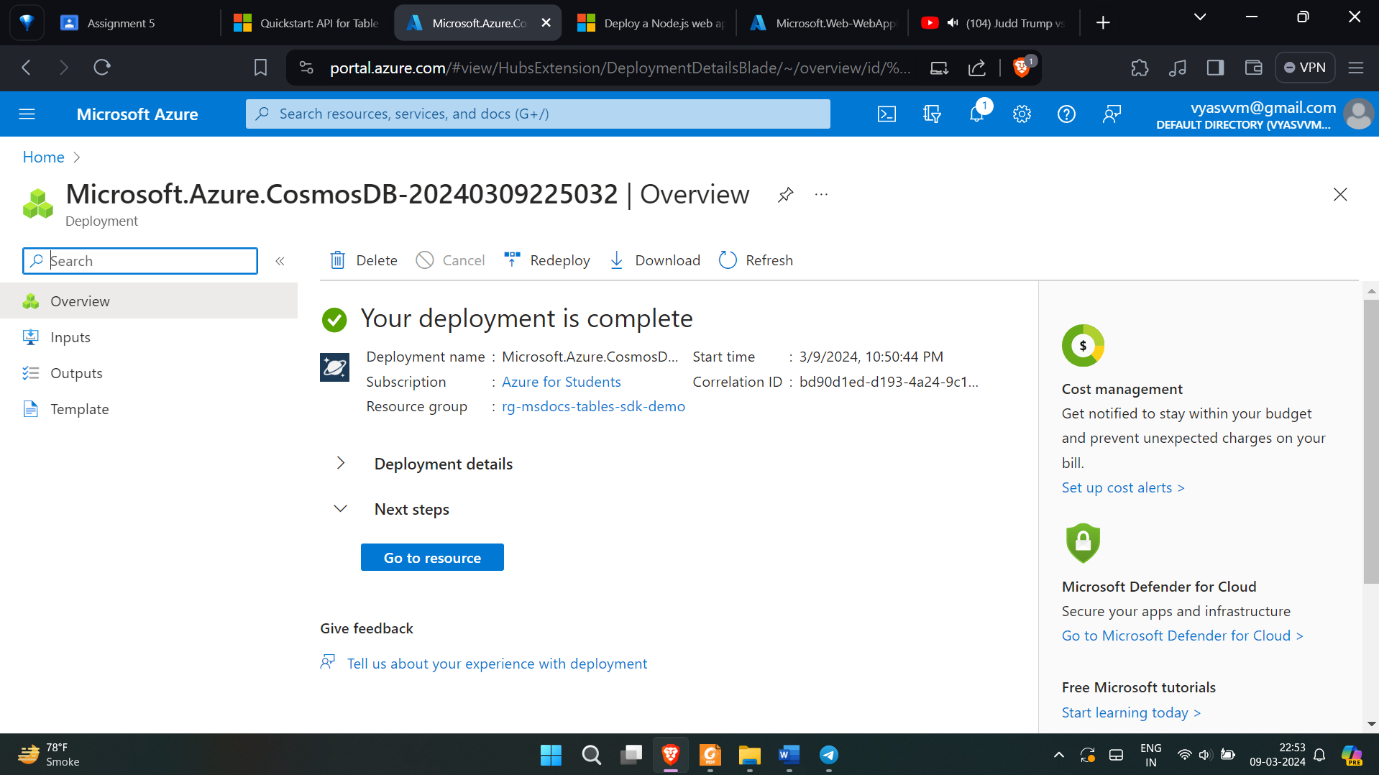
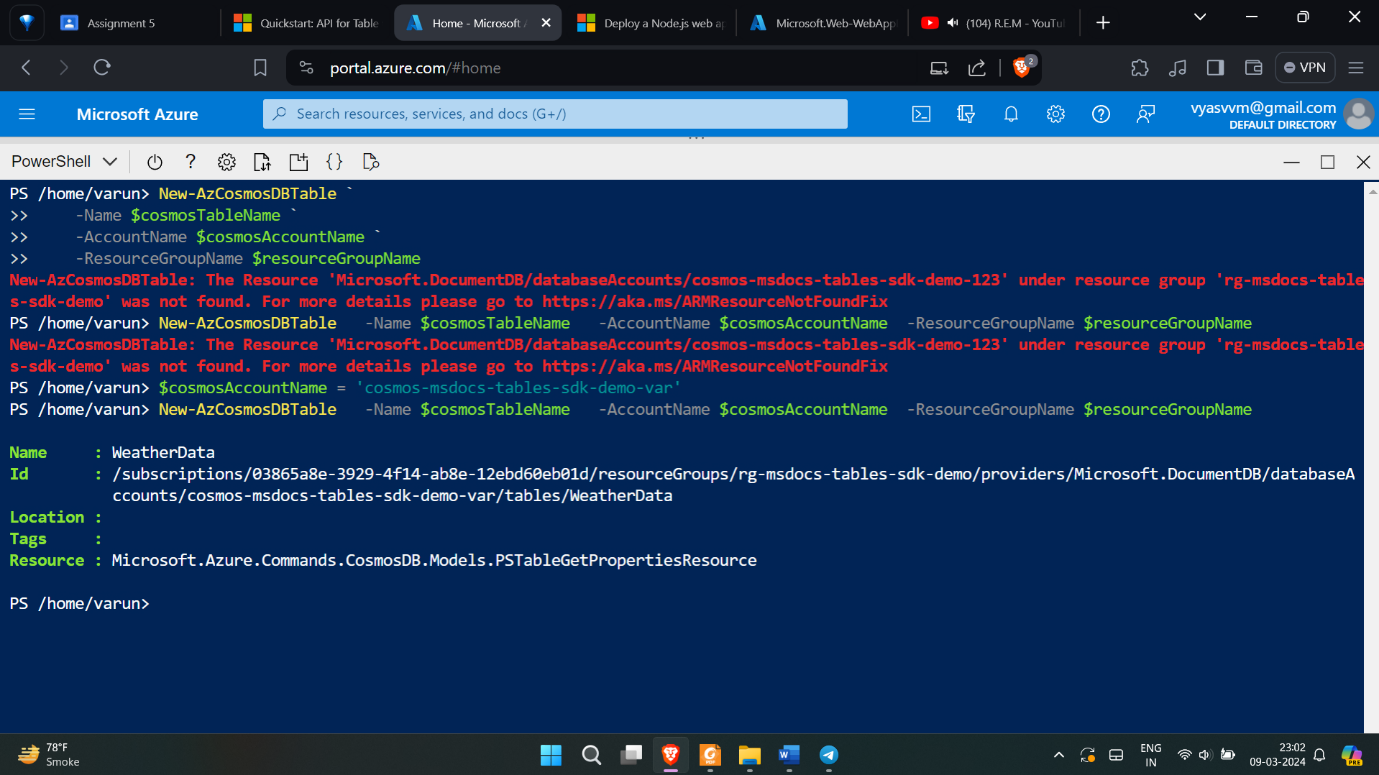
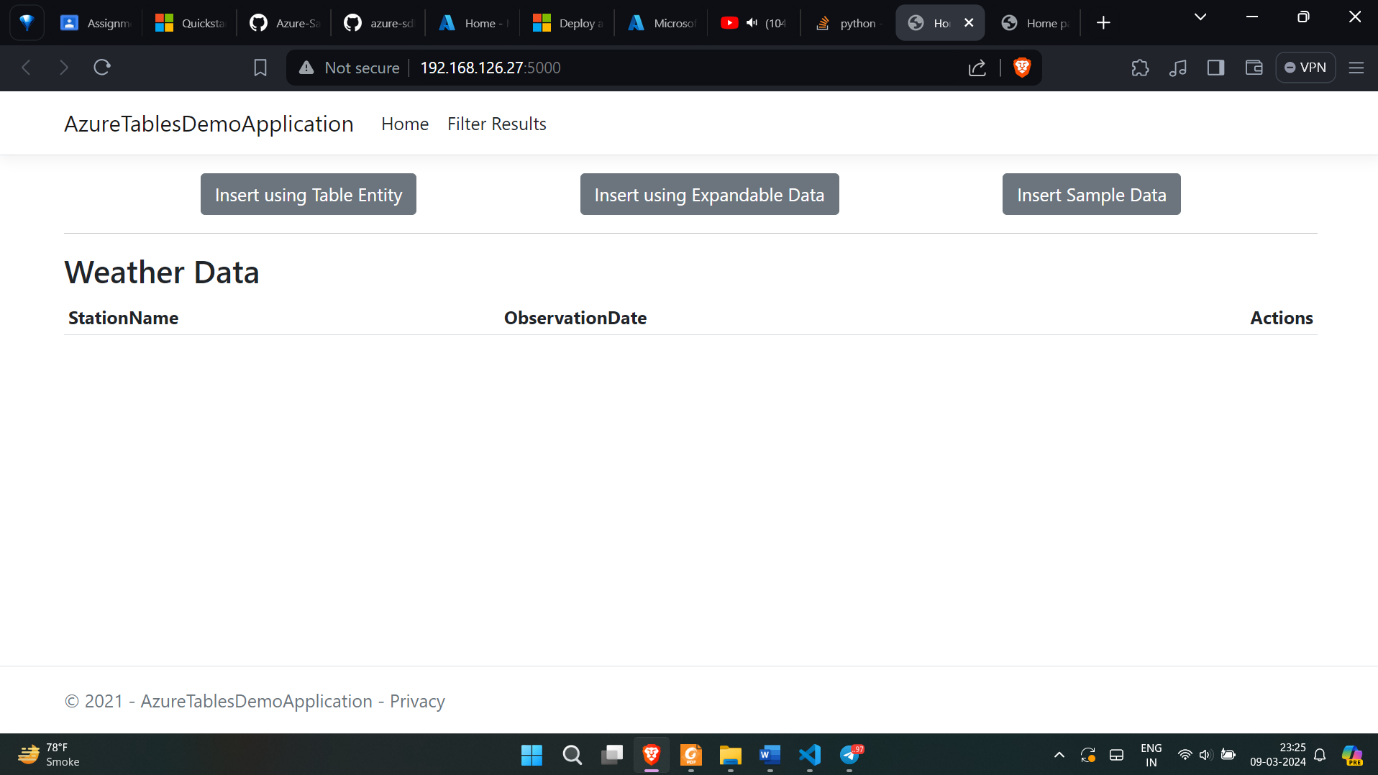


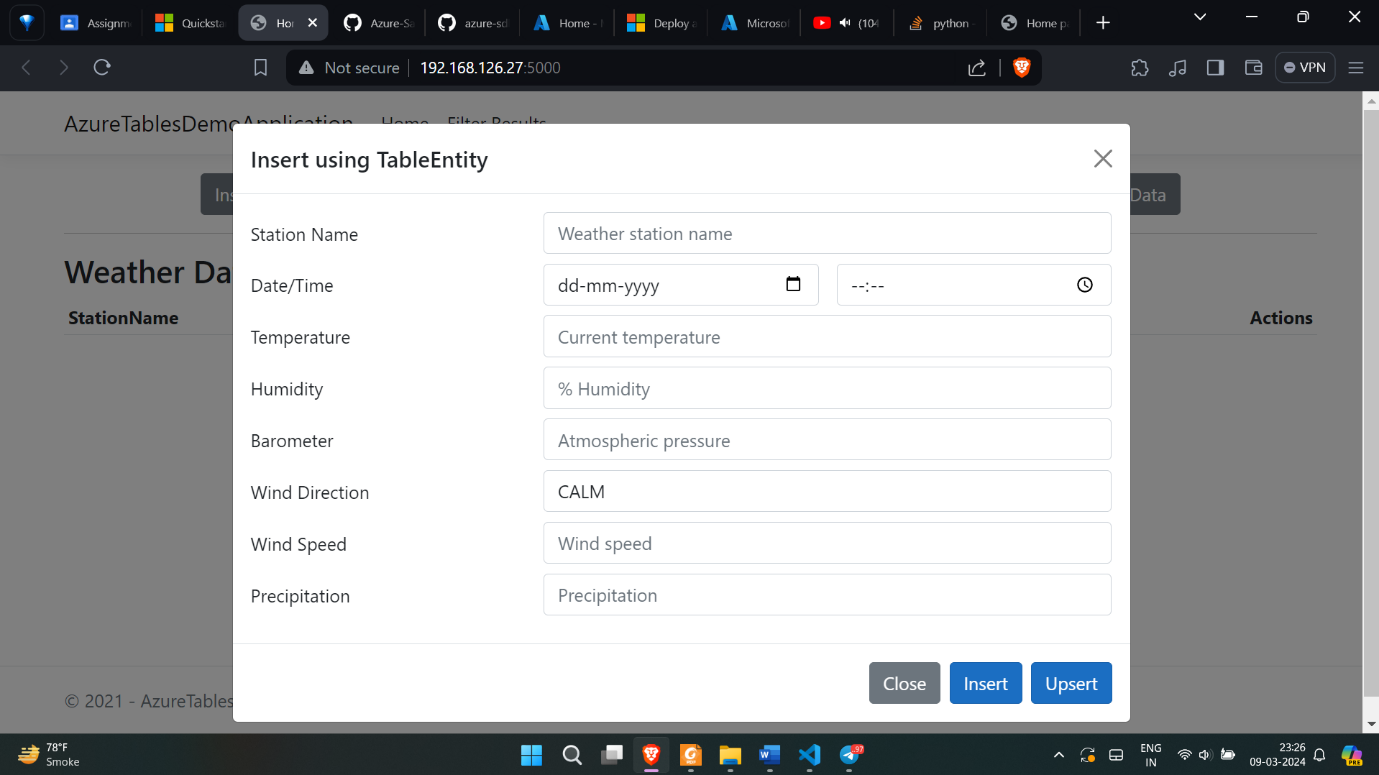
|  |  |
| --- | --- |
|  | Lab 5: Webapp AWS, CosmosDB, Azure Apps |
|  |  |
|  | Akshar Panchani ID- 202101522  IT457 Cloud Computing  3/15/24 |

1. Cosmos DB - Populate data and query filter



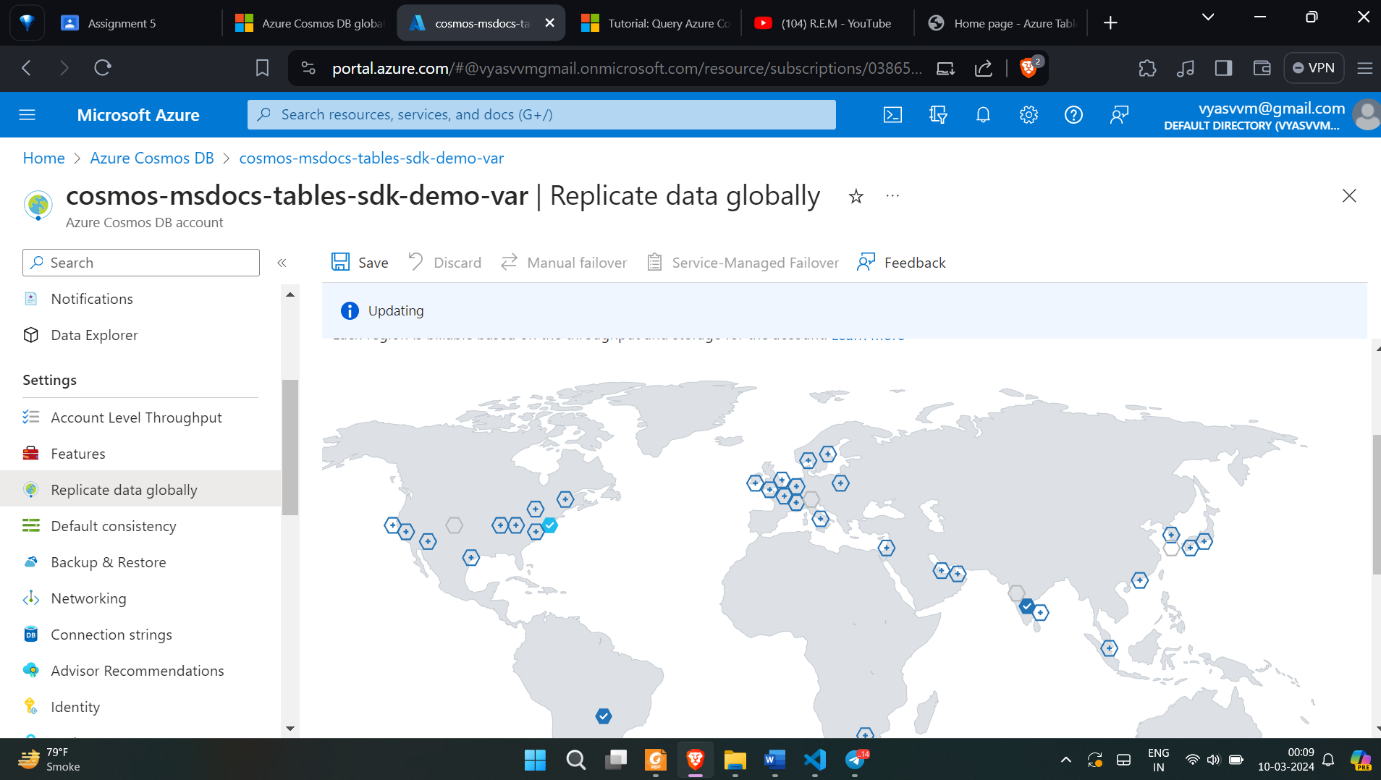


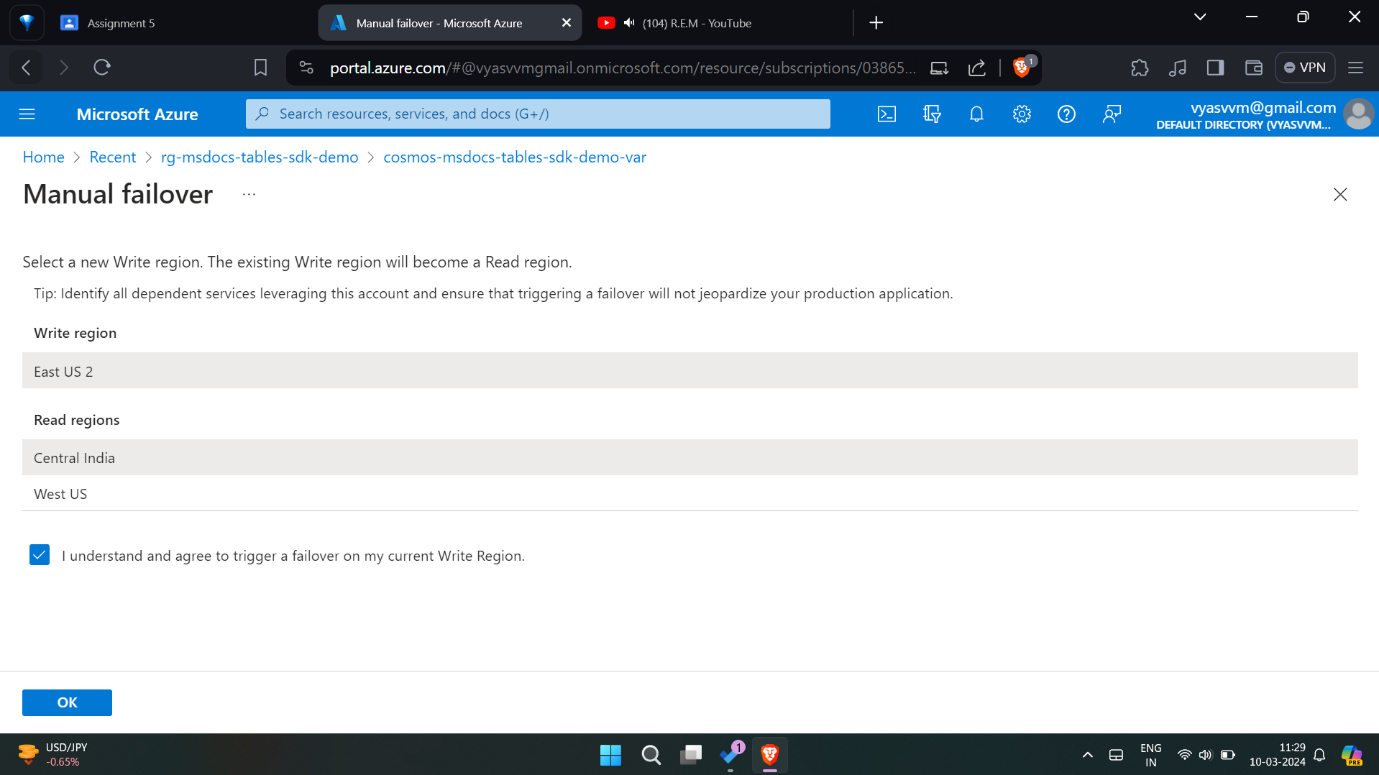






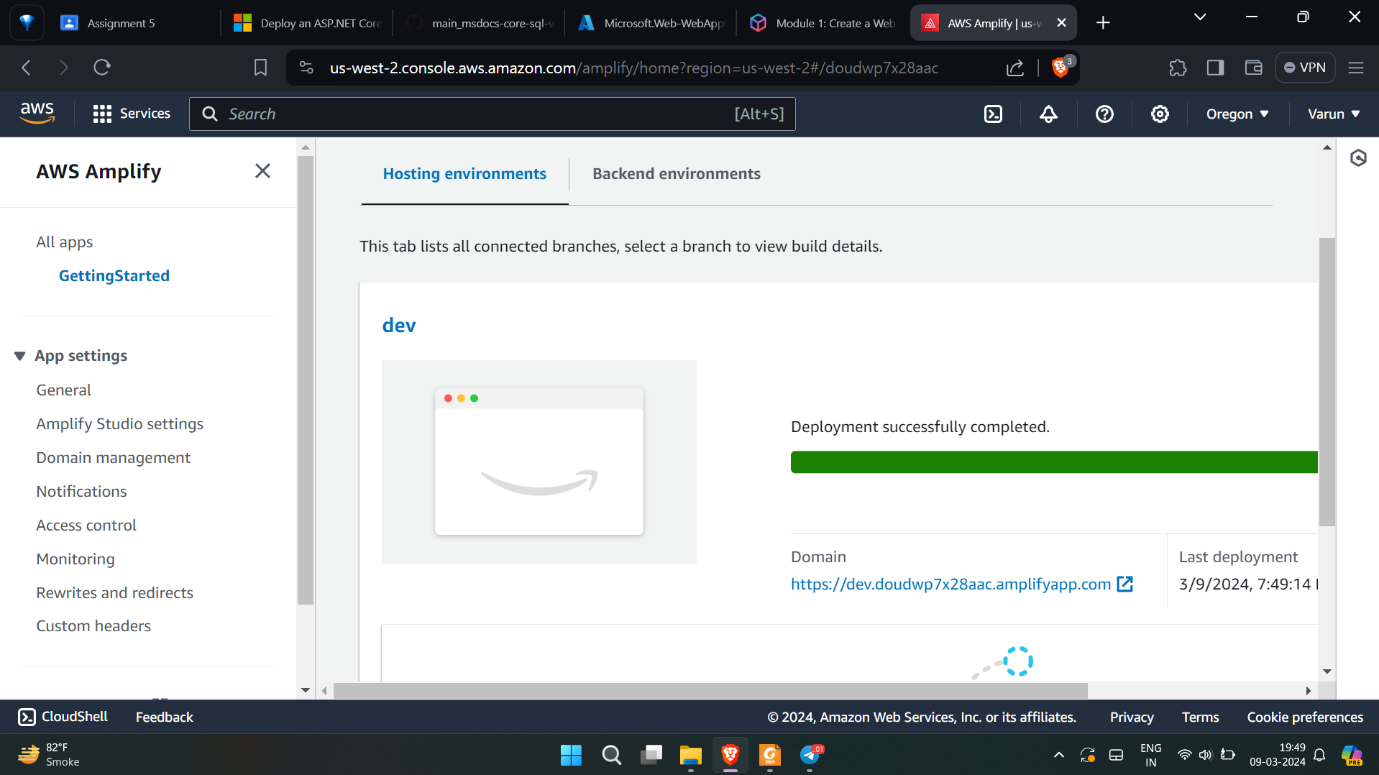
Global distribution

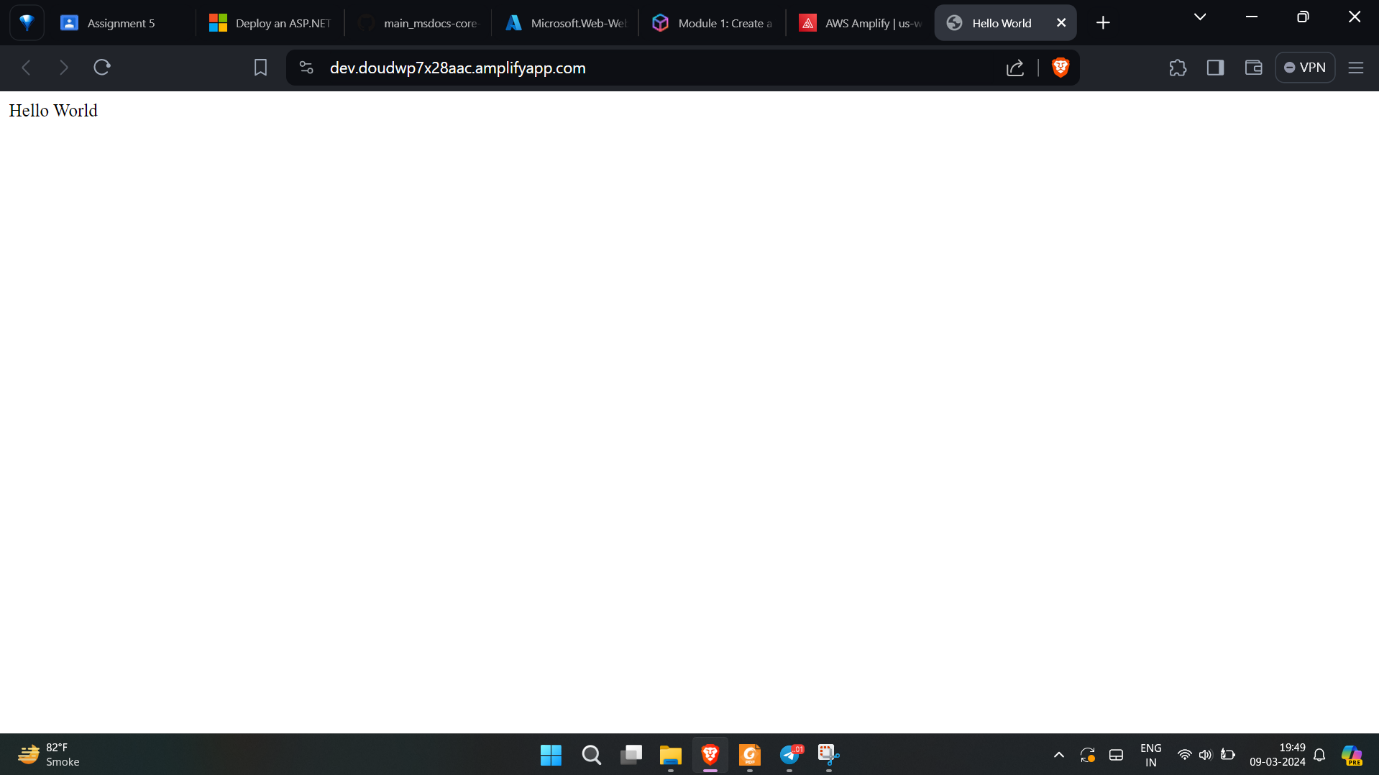




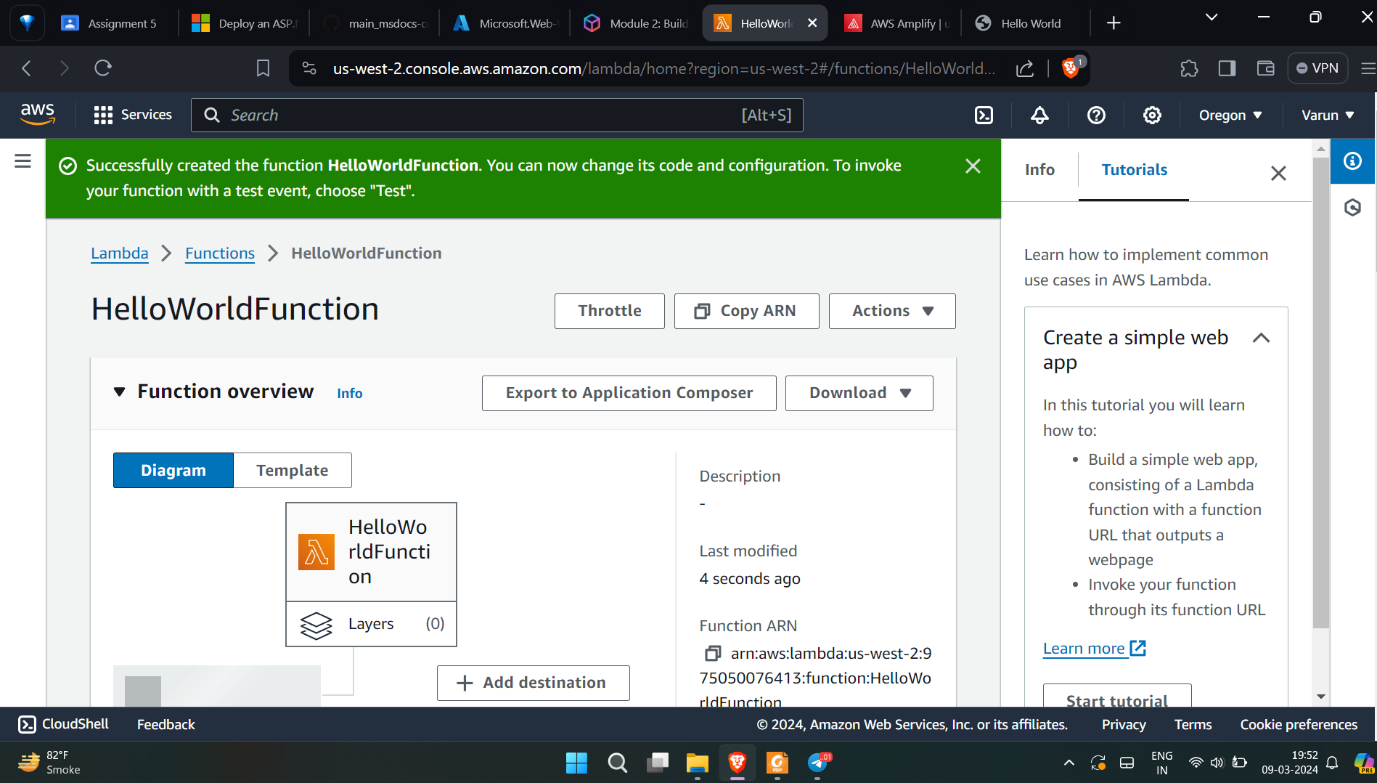
Log transformation

2. Web app in AWS - Deploying a hello world web application

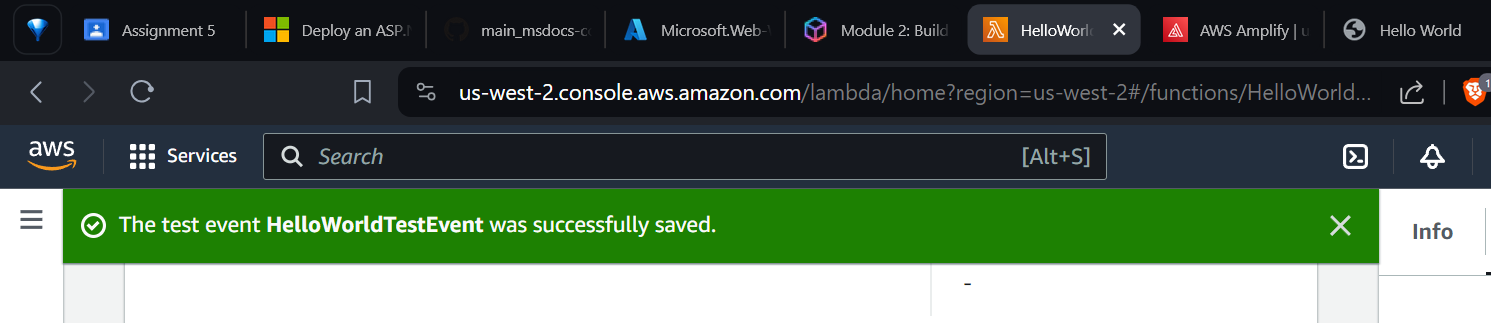




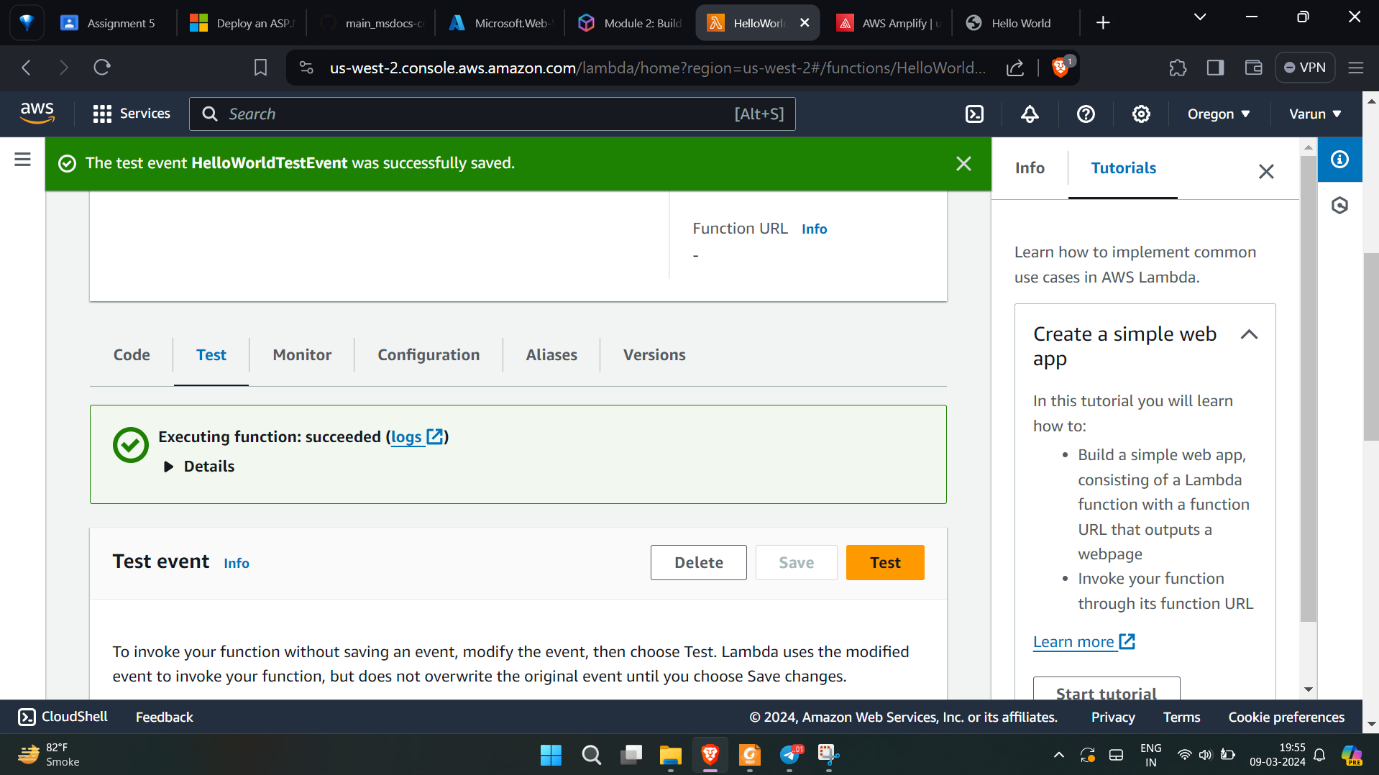
Creating a lambda function for hello world.



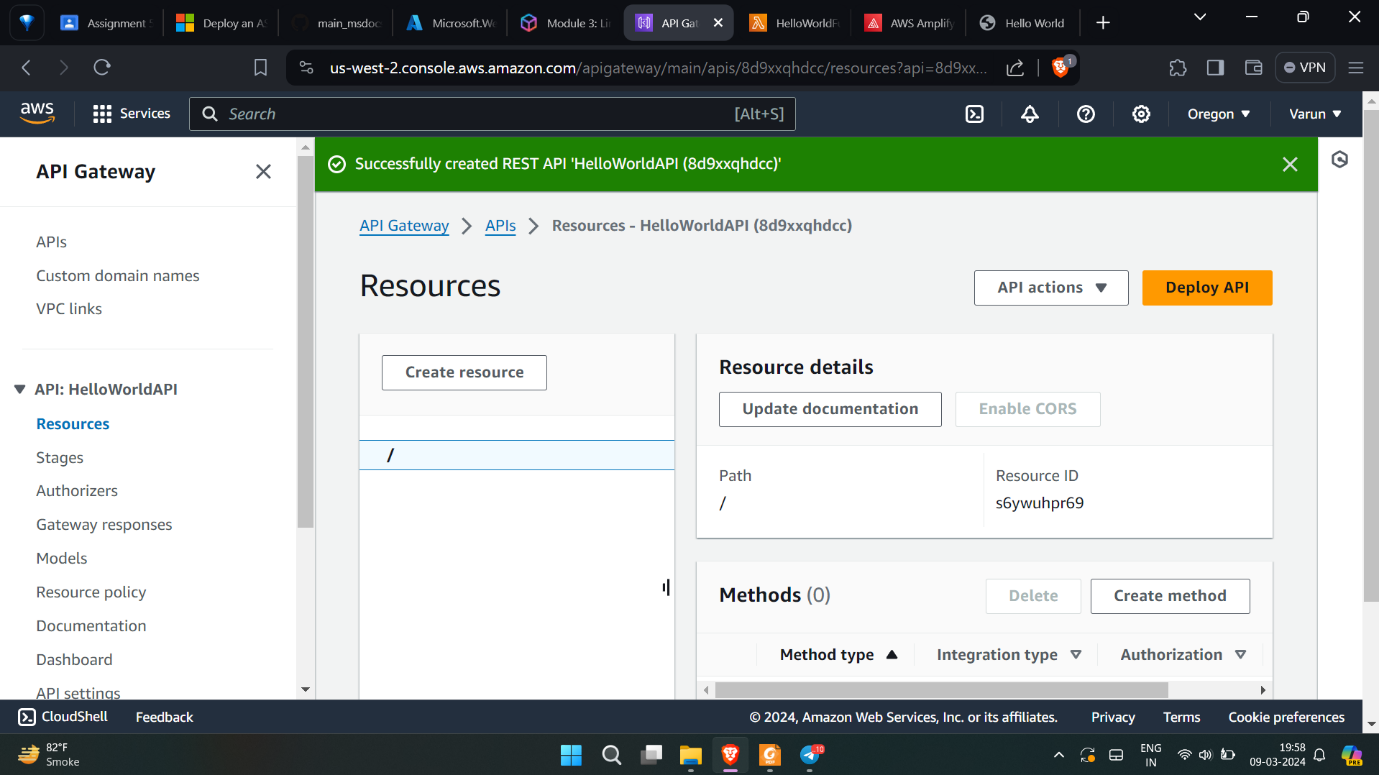
Updating the lambda function and creating test event for lambda function



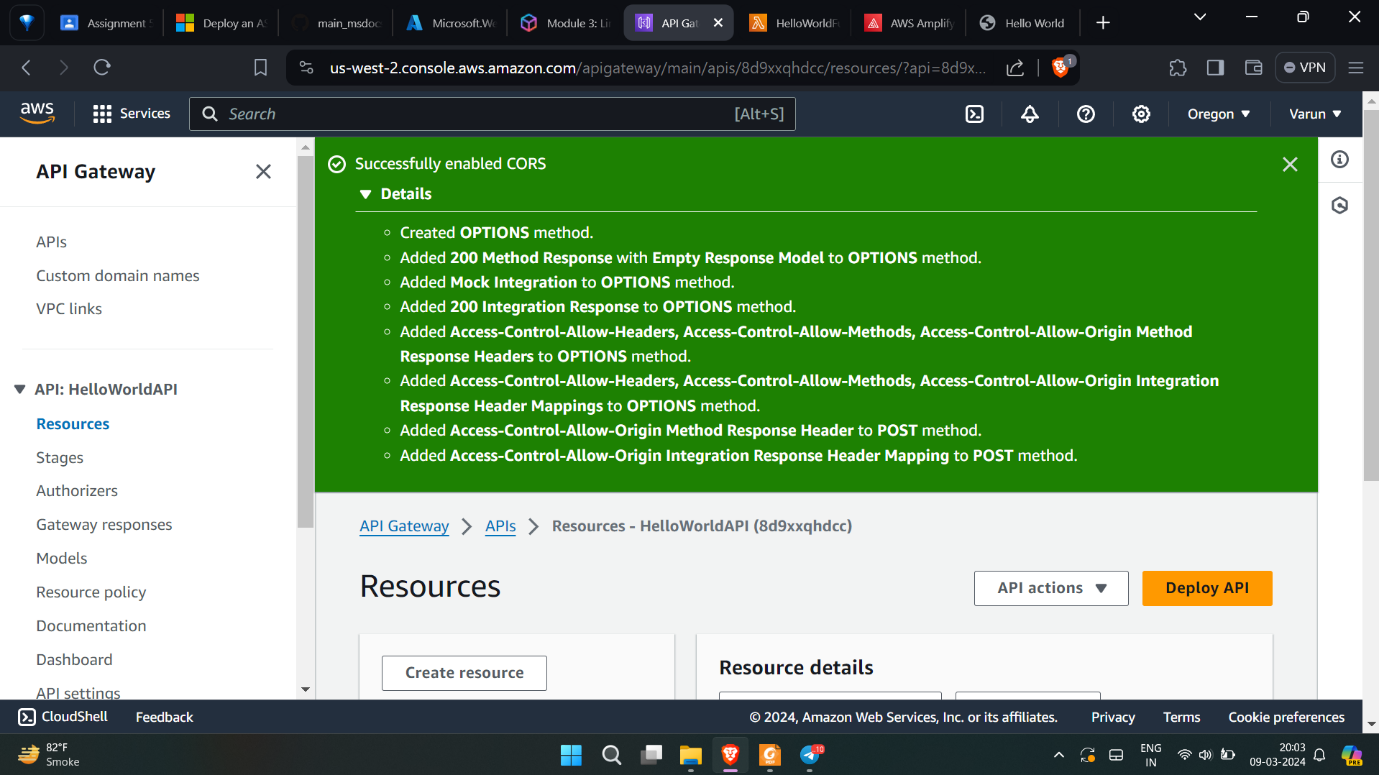
testing the lambda function



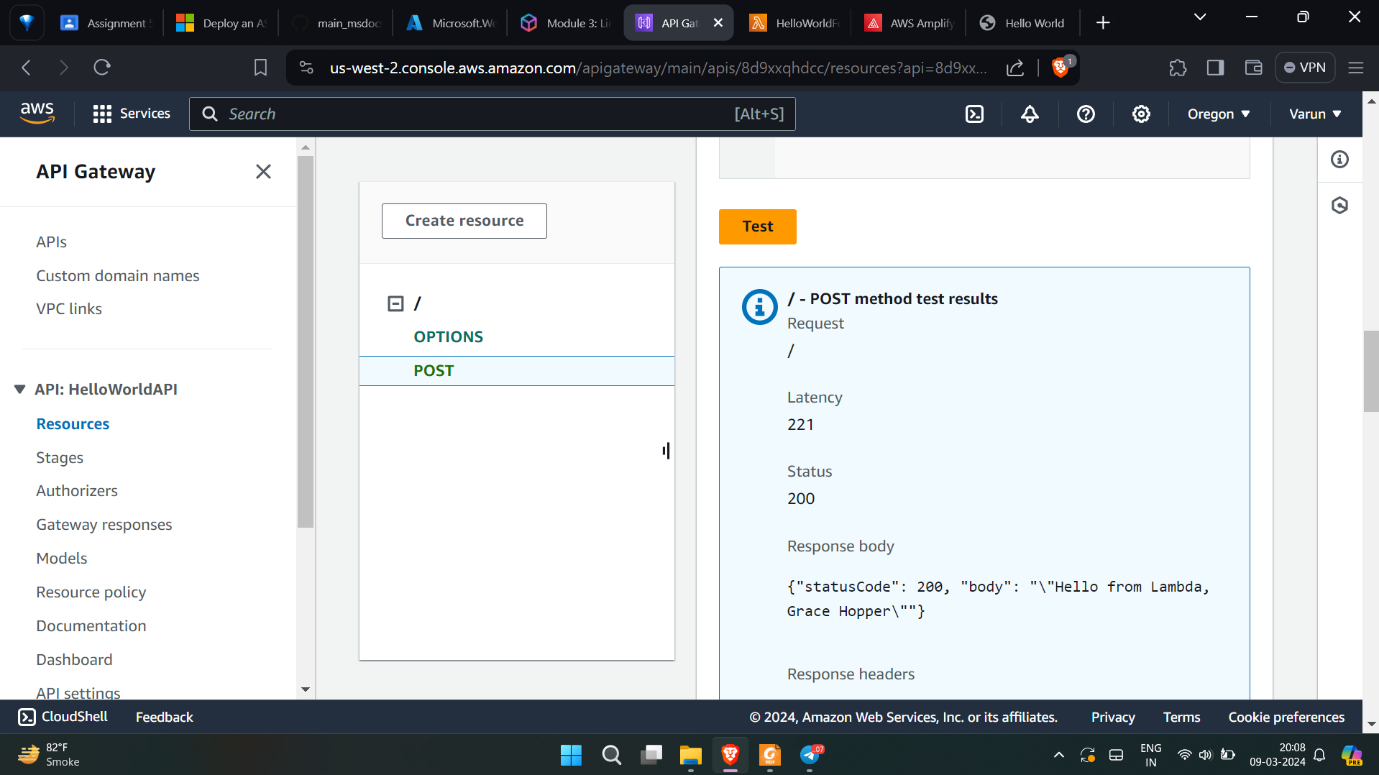
Creating restful api



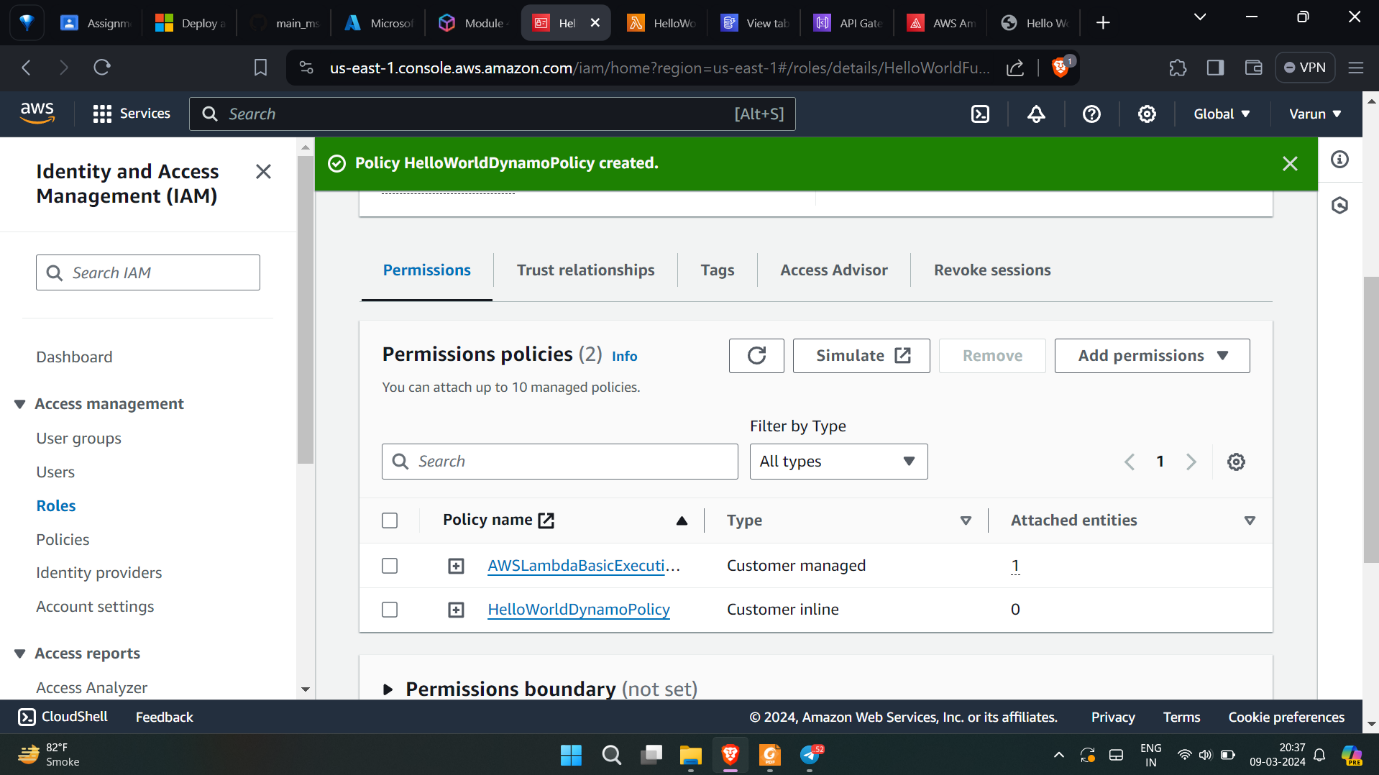
Adding CORS to the API



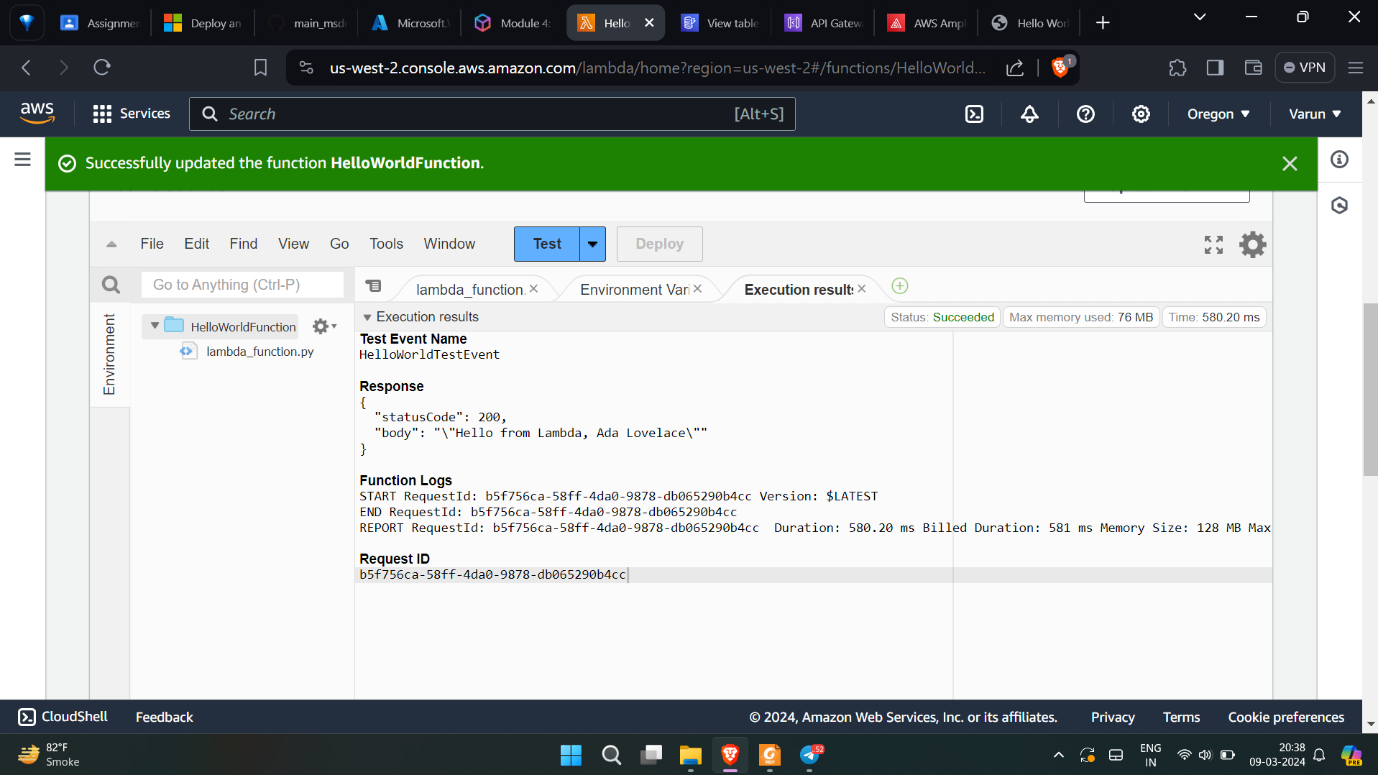
Testing the hello world post API



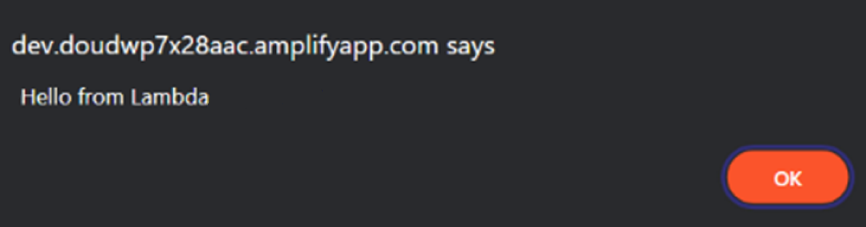
Adding policy to allow lambda function to work .



Testing the updated function.

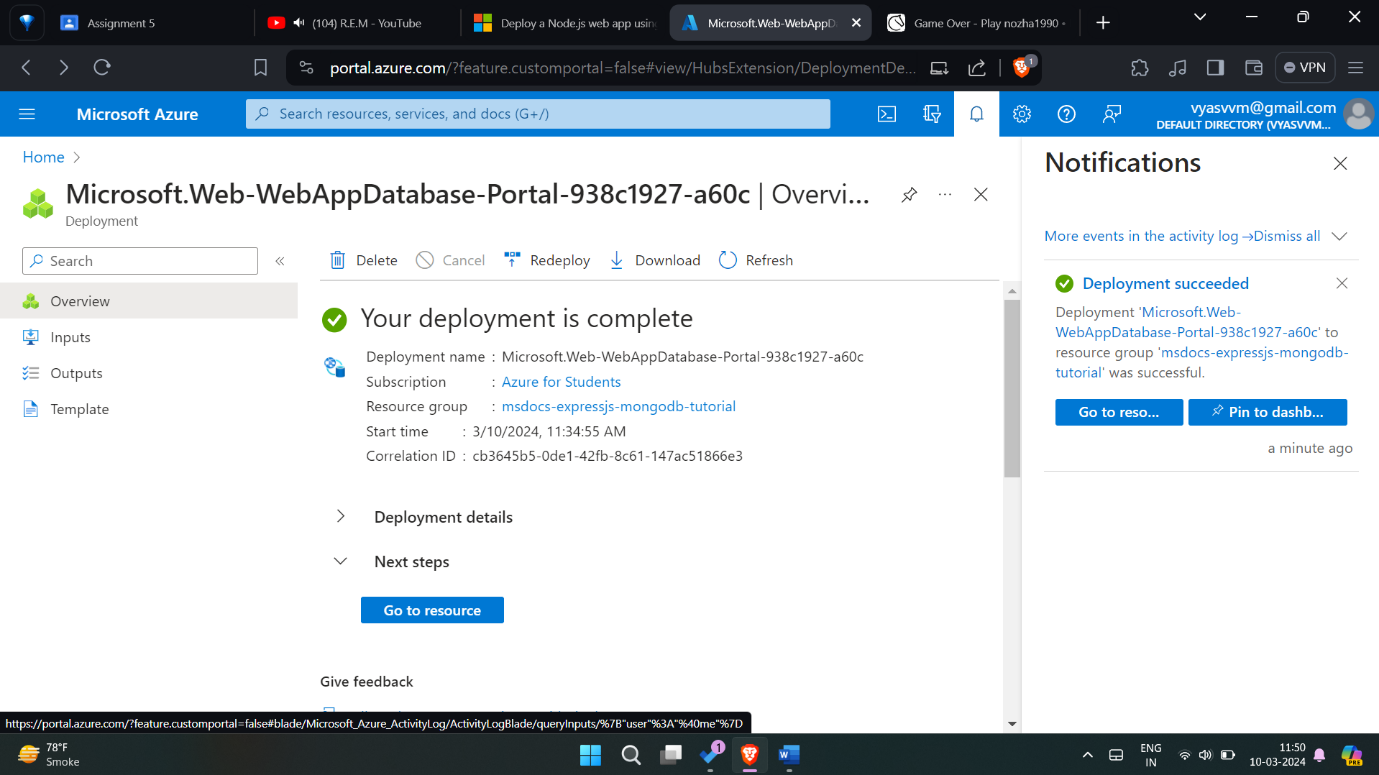


Checking the web URL.

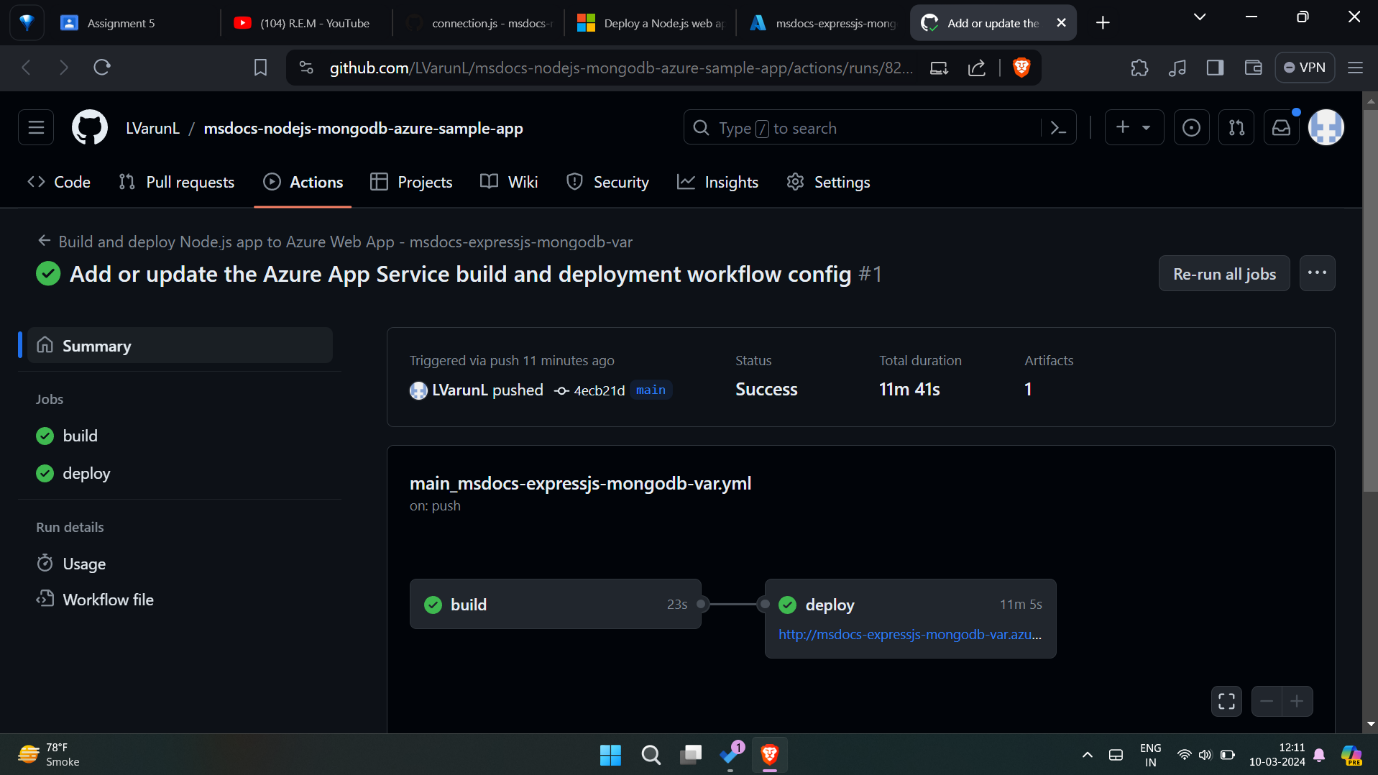


Azure App Services

Deploying the app service using MongoDB and NodeJS

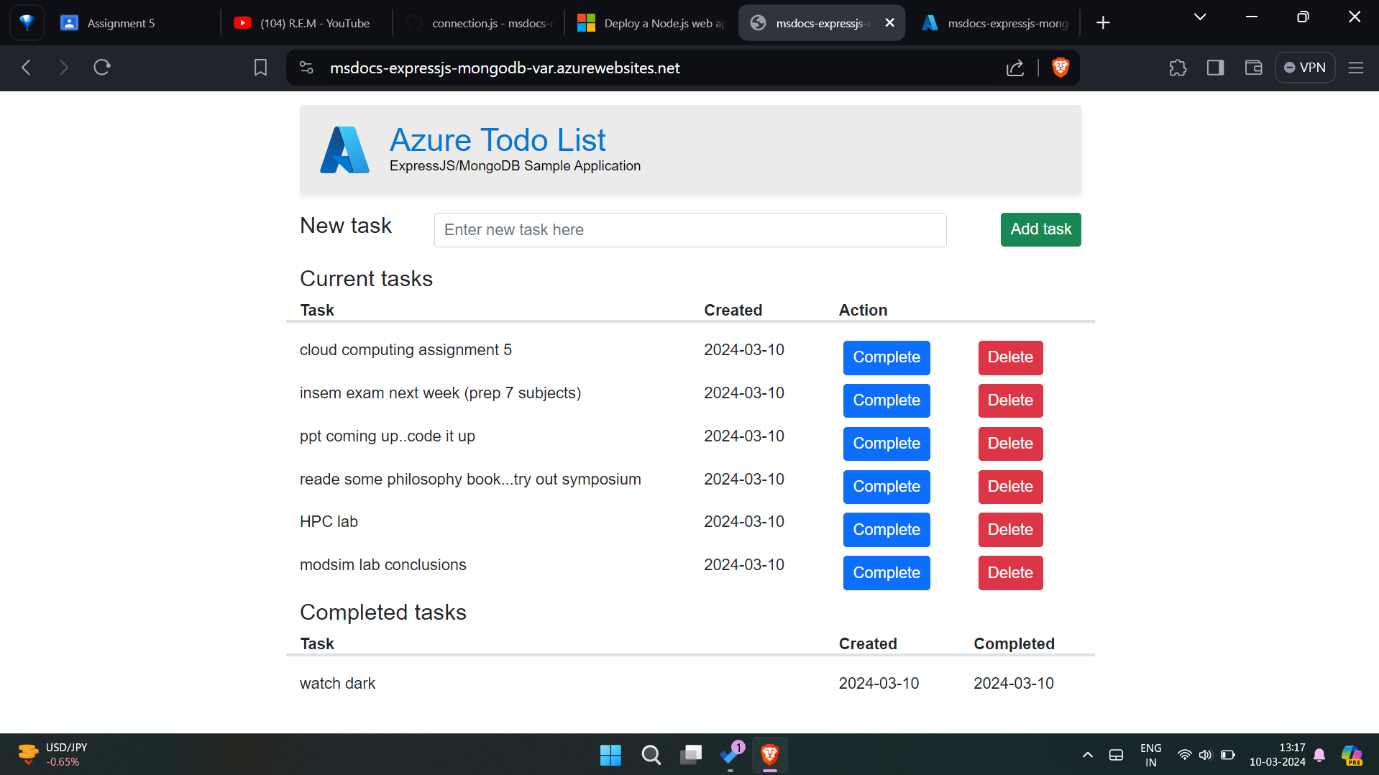


Deployment action in GitHub

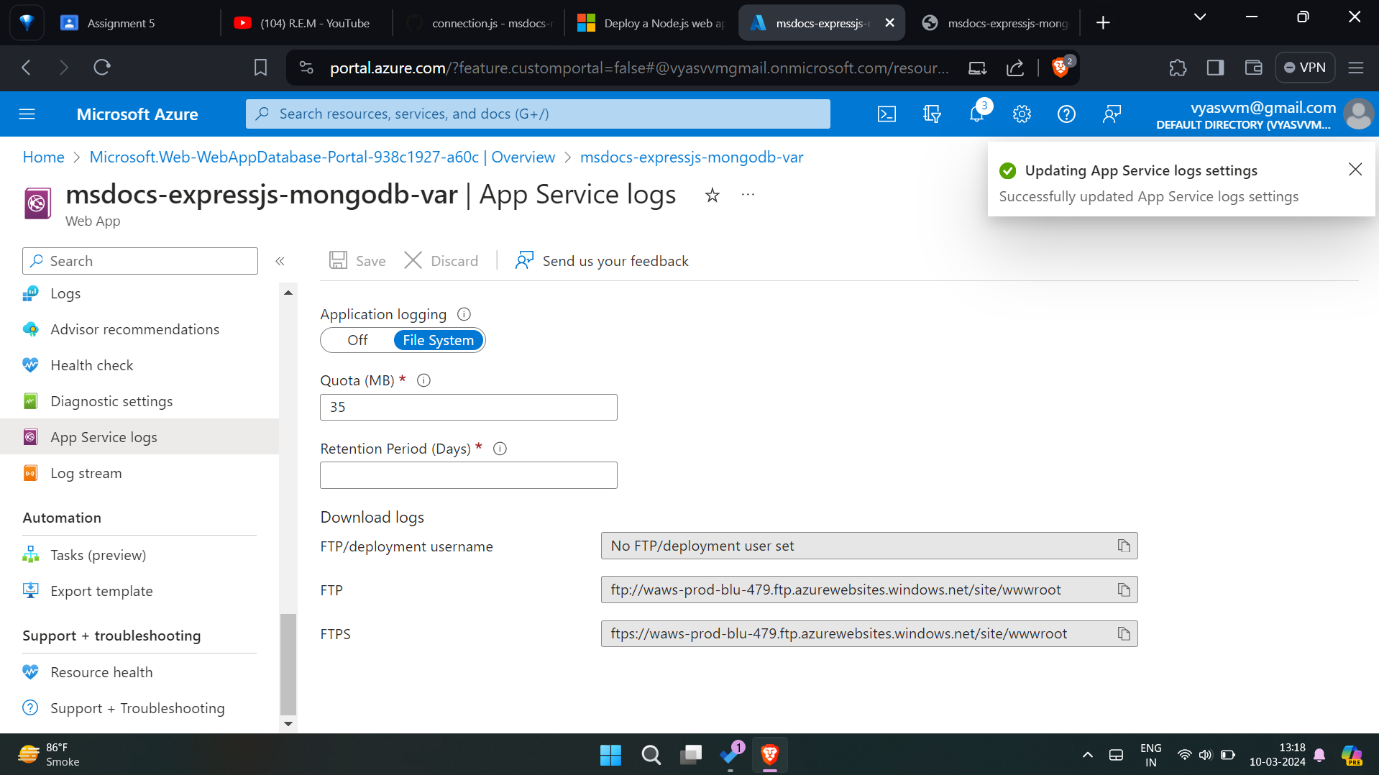


Web app connected to its database and deployed on azure



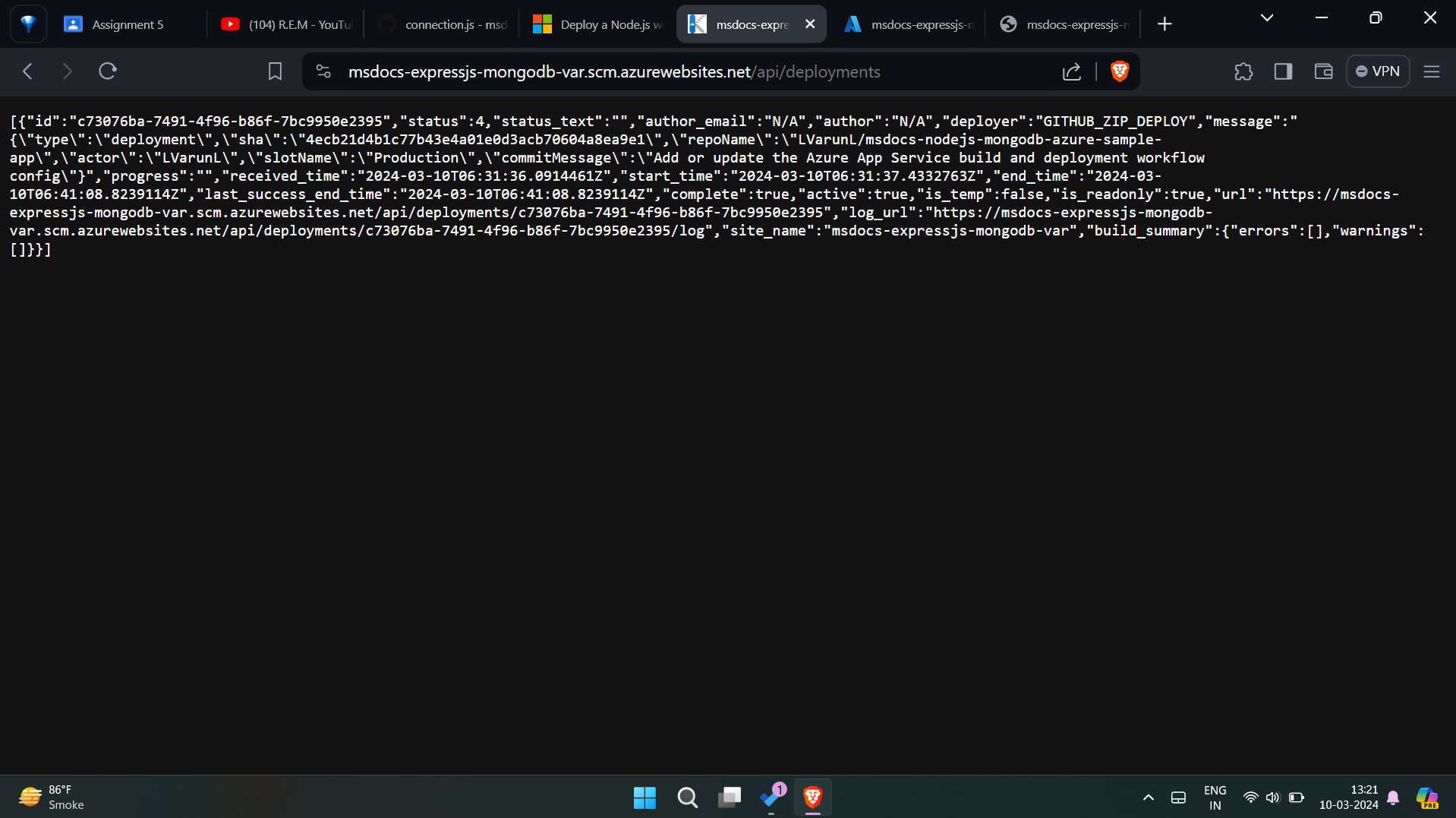


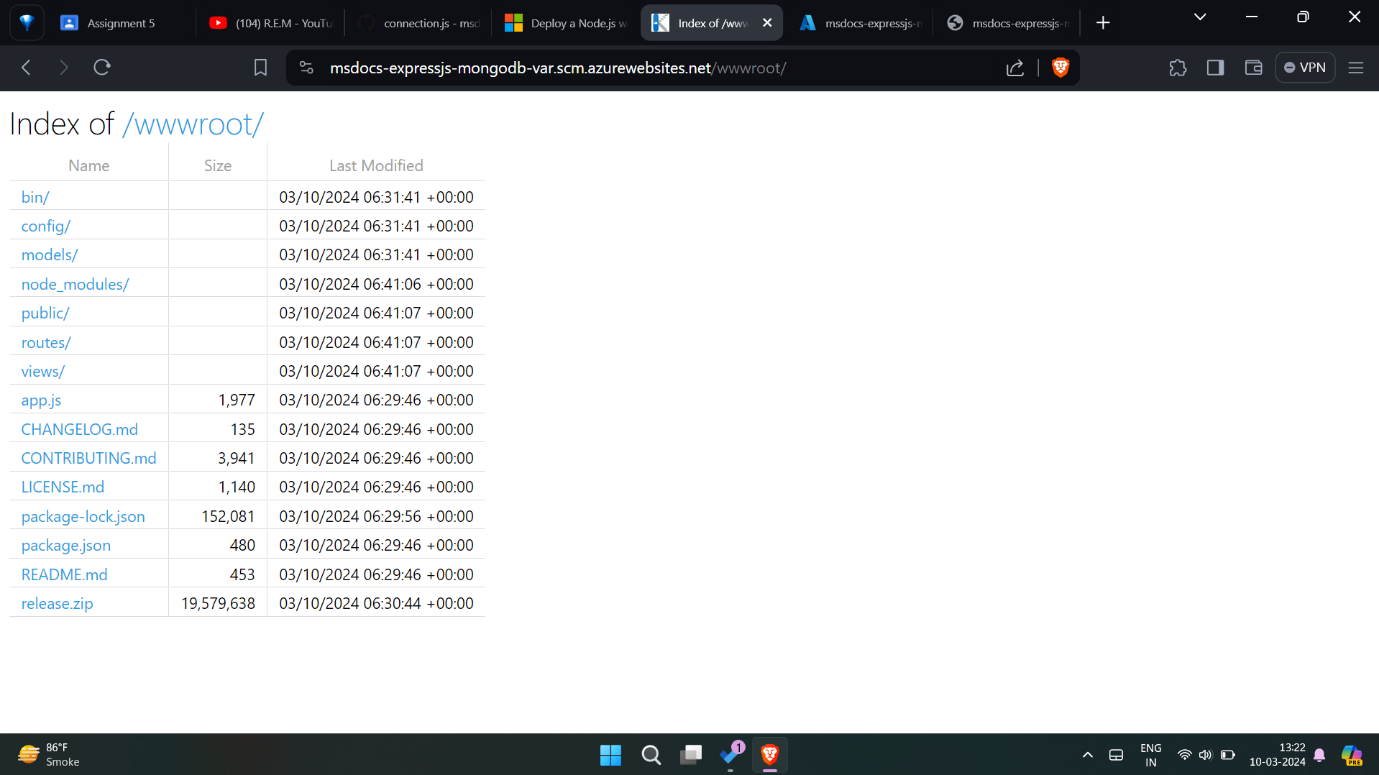
App service logs



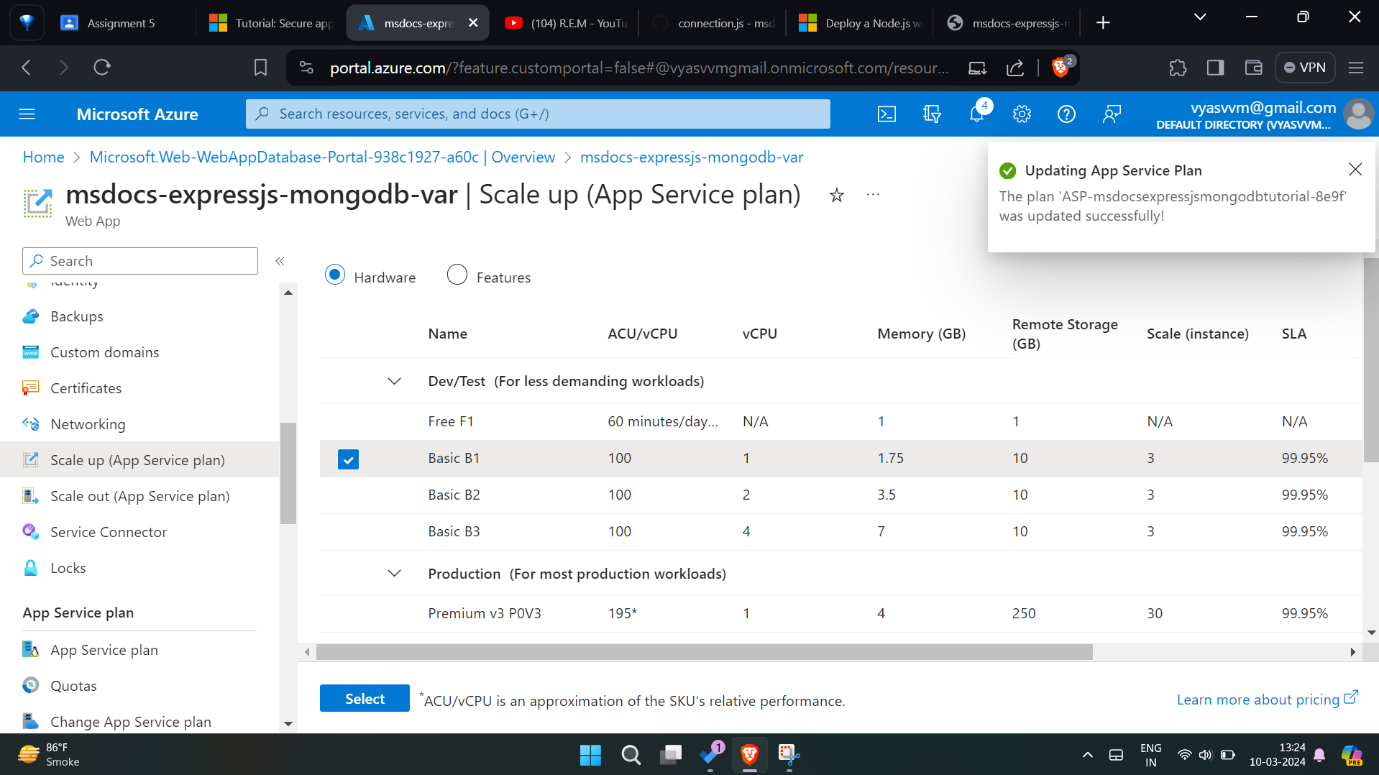


Use Kudu





Scaling up the web application



Adding custom domain – (not attaching the entire process images as buying custom domains is not avaialble in student account of Azure.)

