**Advanced DevOps**

**NAME** :Swasti Jain

**CLASS** : TE IT

**ROLL NO** : 24

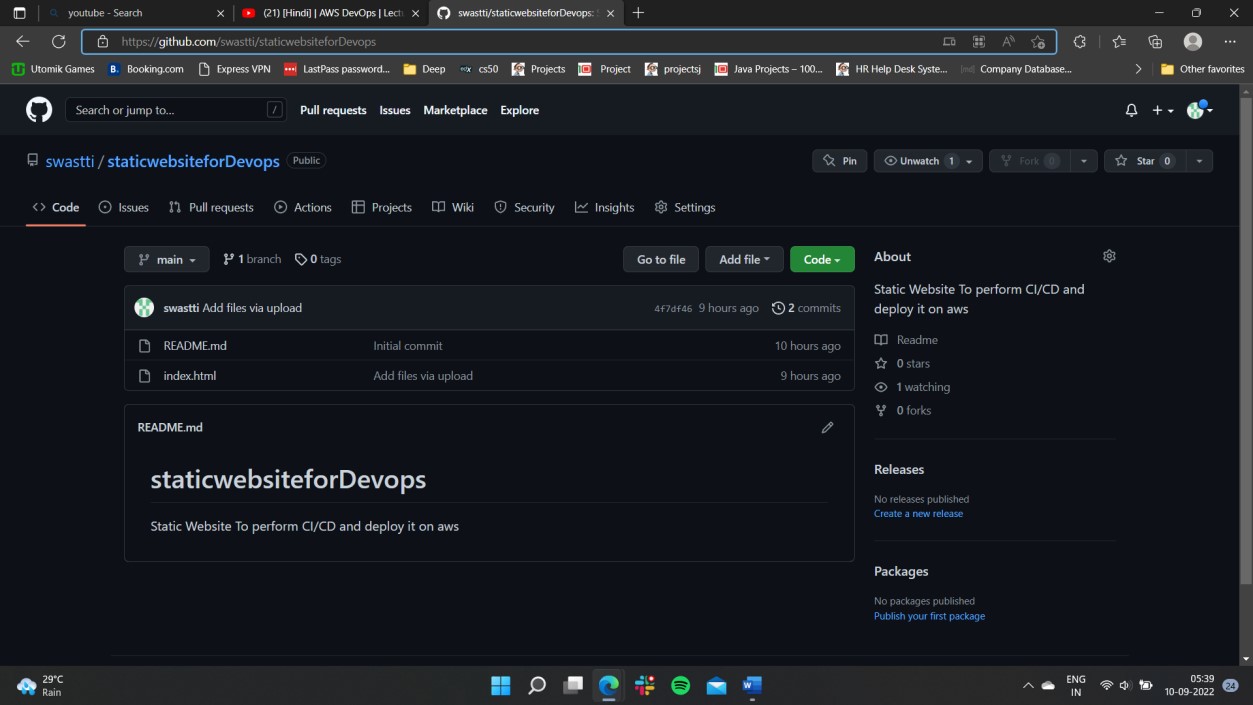
# Exp 2

**Title :** To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy

**Steps:**

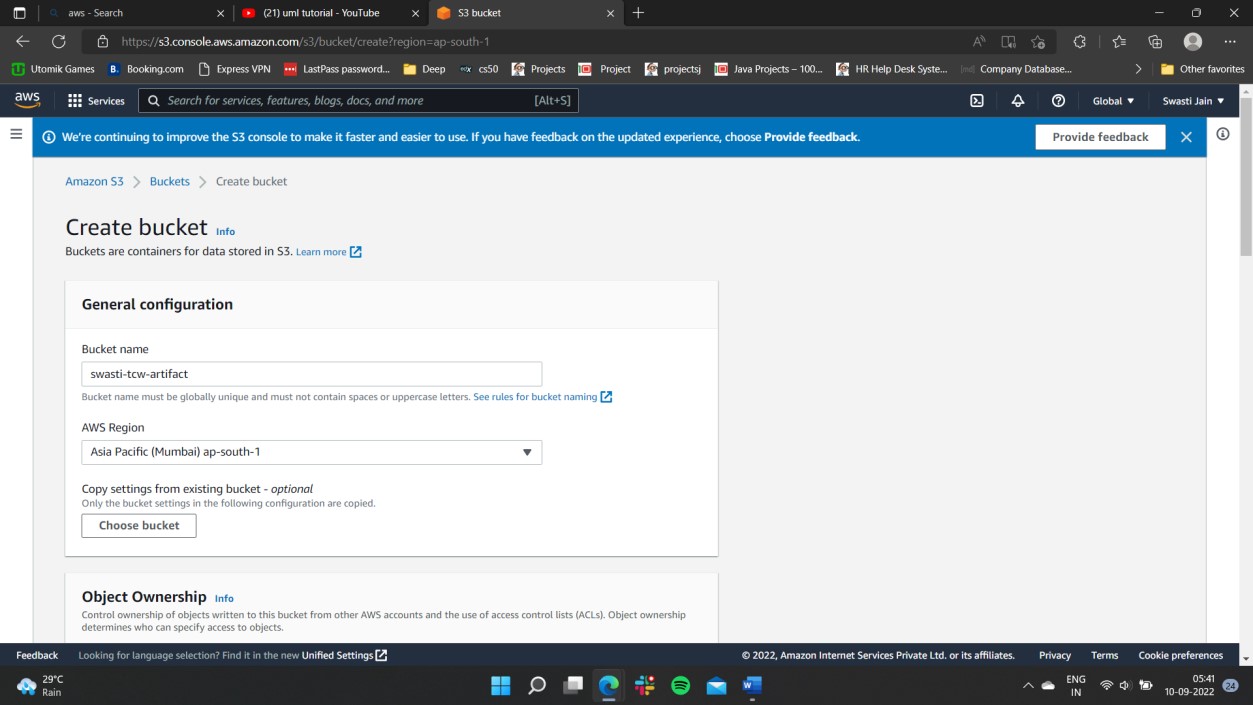
Select a github repository from which you want to deploy the source code

Reference link for Github:[swastti/staticwebsiteforDevops: Static Website To perform CI/CD and deploy it on aws (github.com)](https://github.com/swastti/staticwebsiteforDevops)

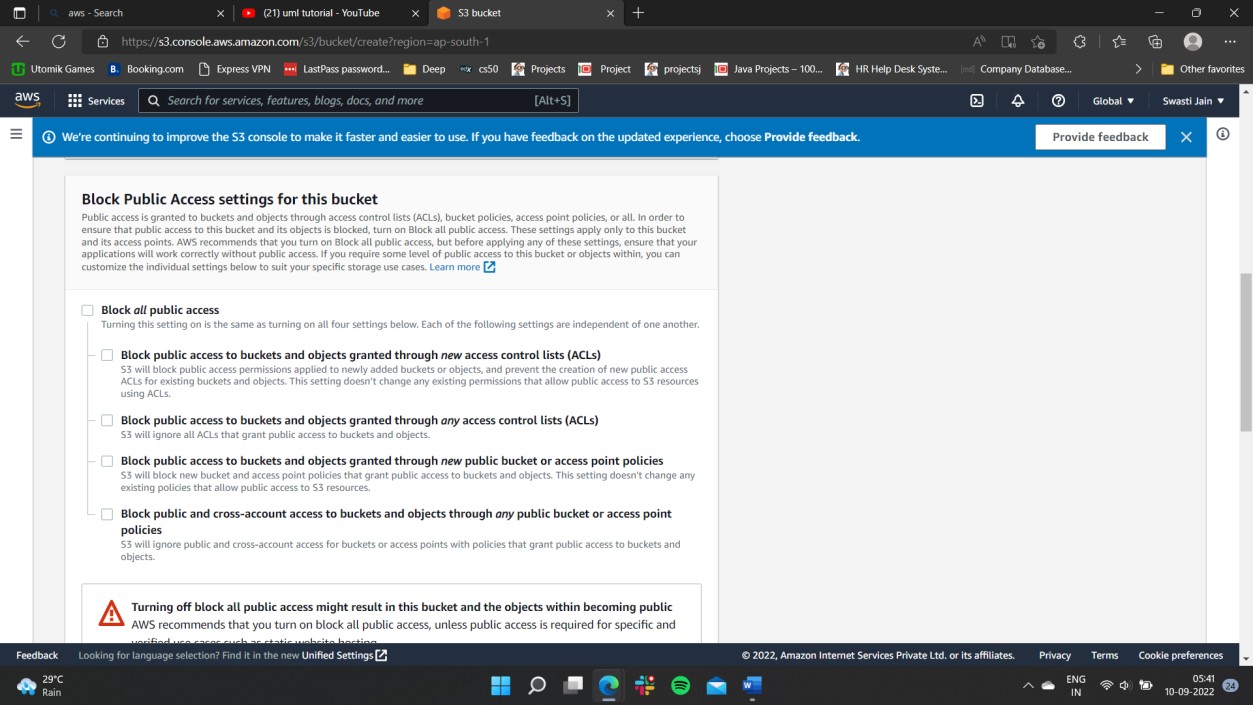


Go to aws console and search for s3 service . Here we have to create 2 buckets one for storing artifacts and the other for deployed code .

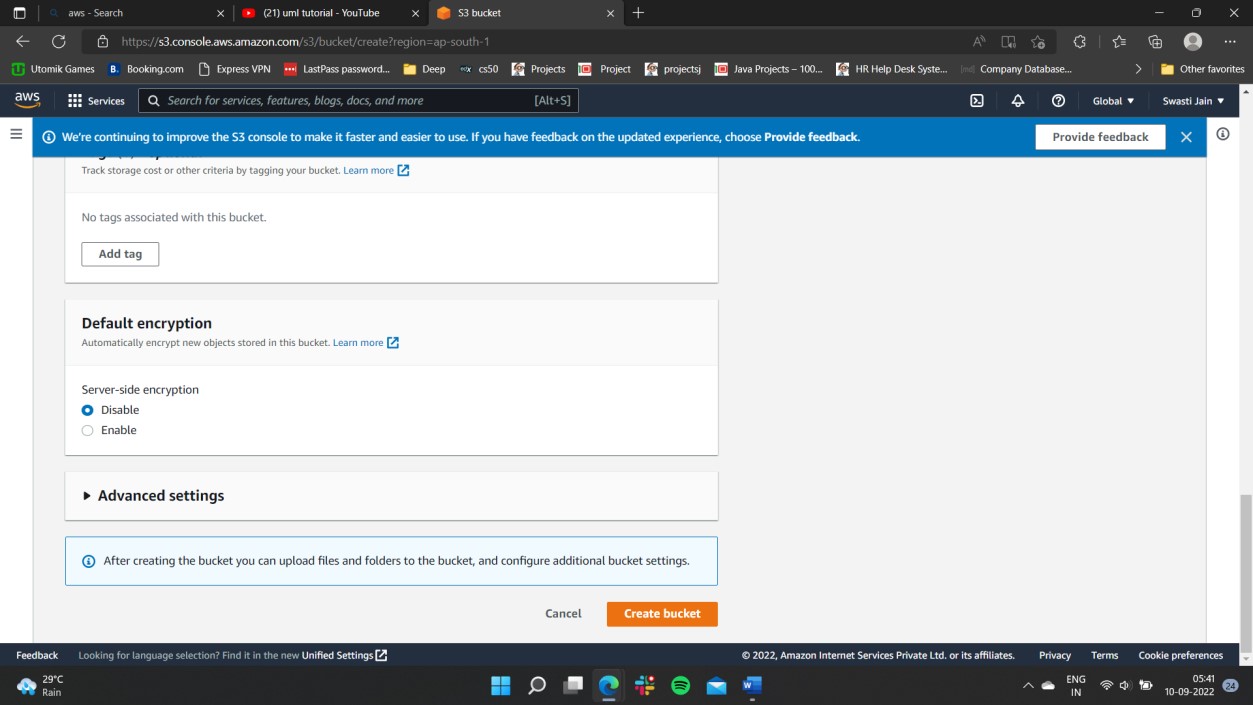
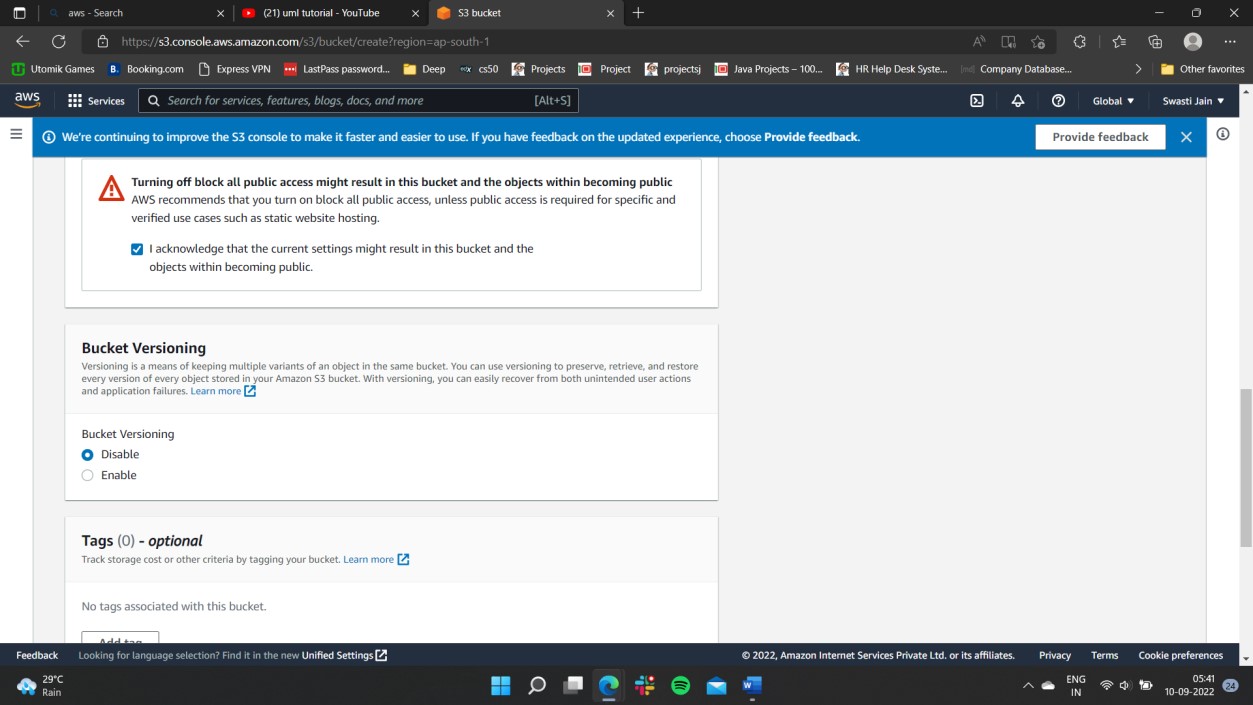
Now we start creating the first bucket:

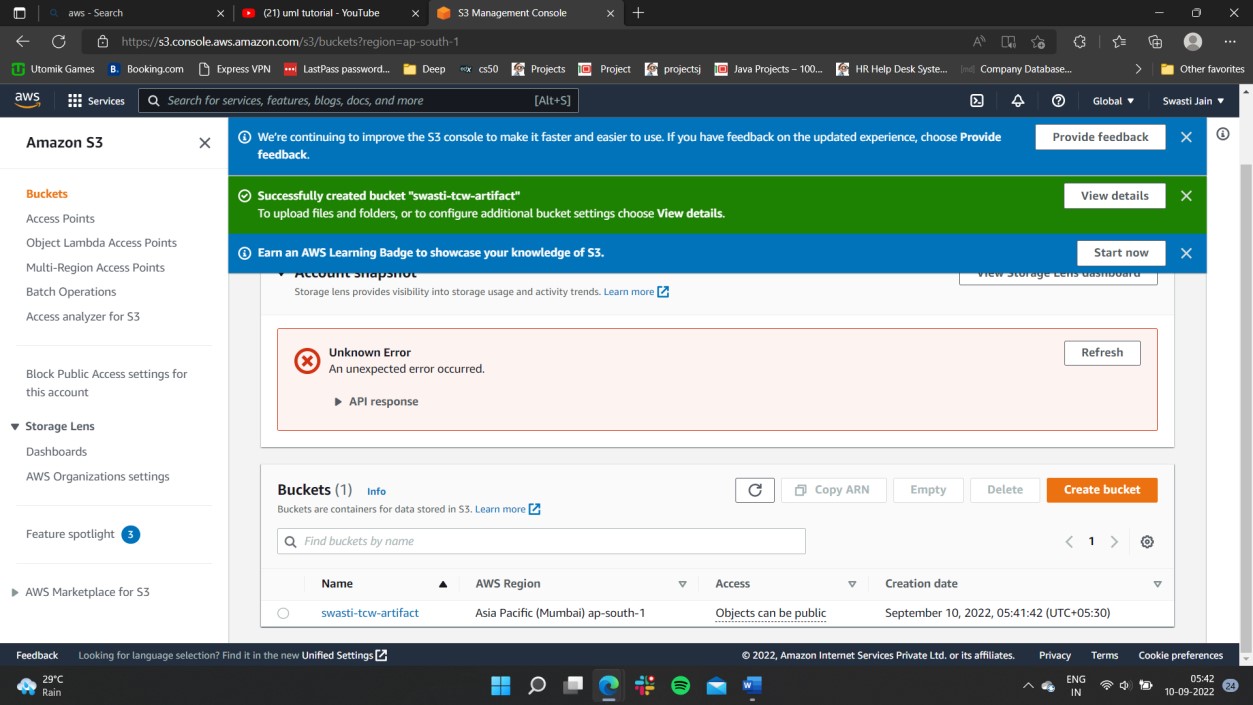


Now we will name the bucket as swasti-tcw-artifacts .

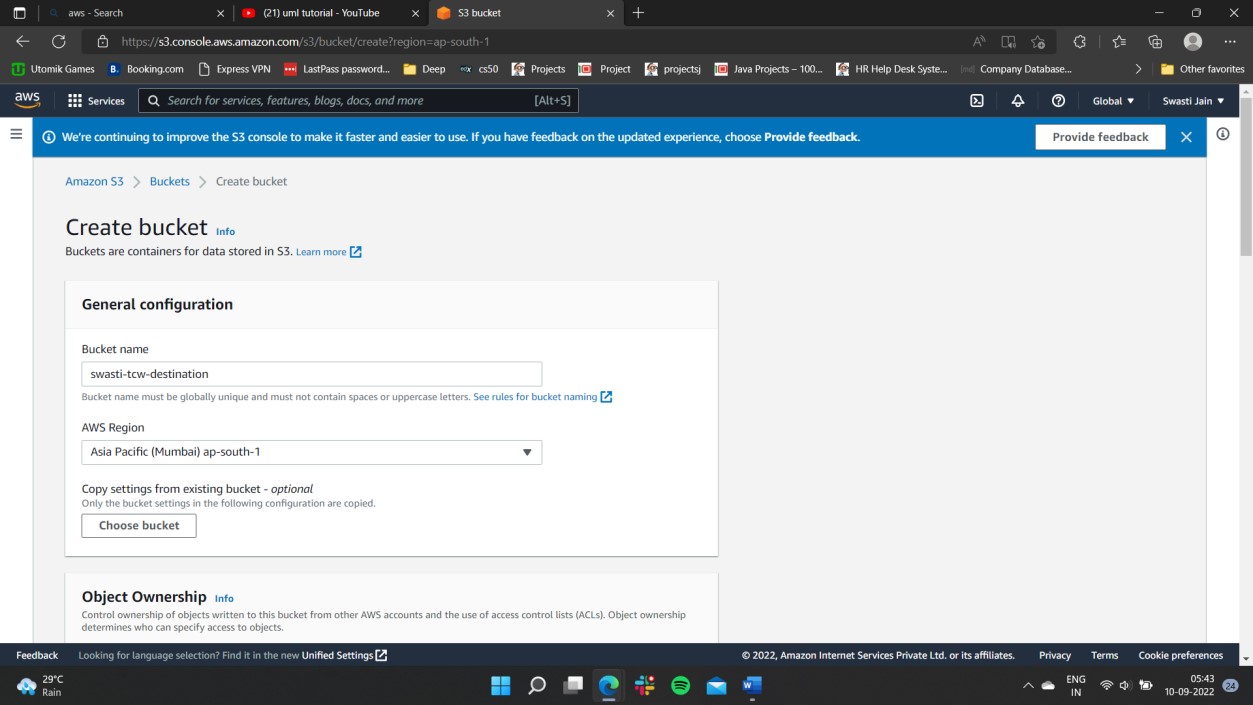


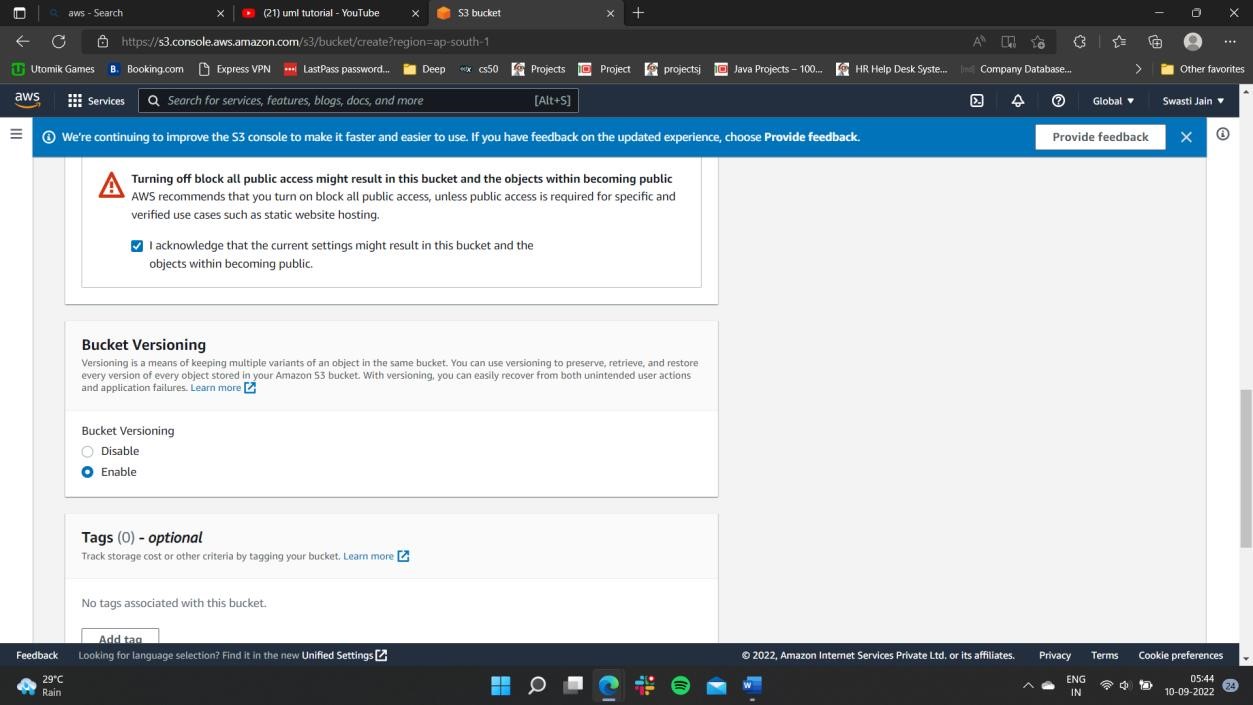
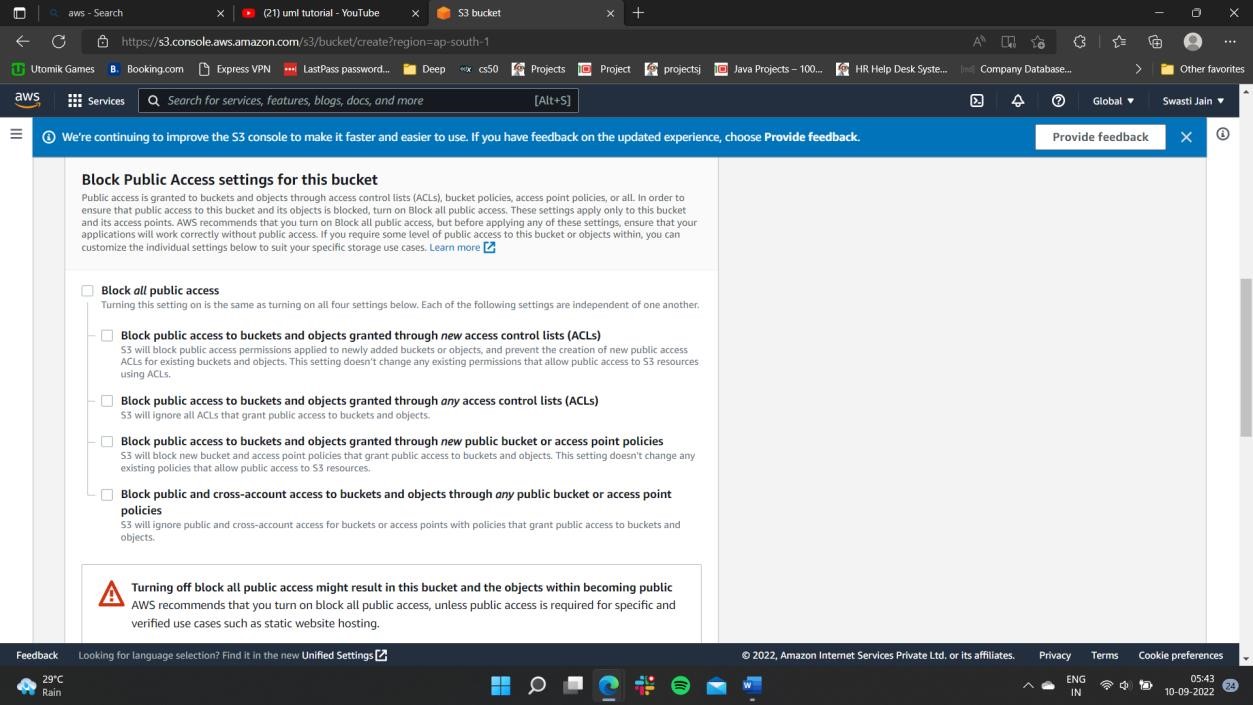
now the only change you have to make is to disable the block all public access and crete bucket and the first bucket will be ready.





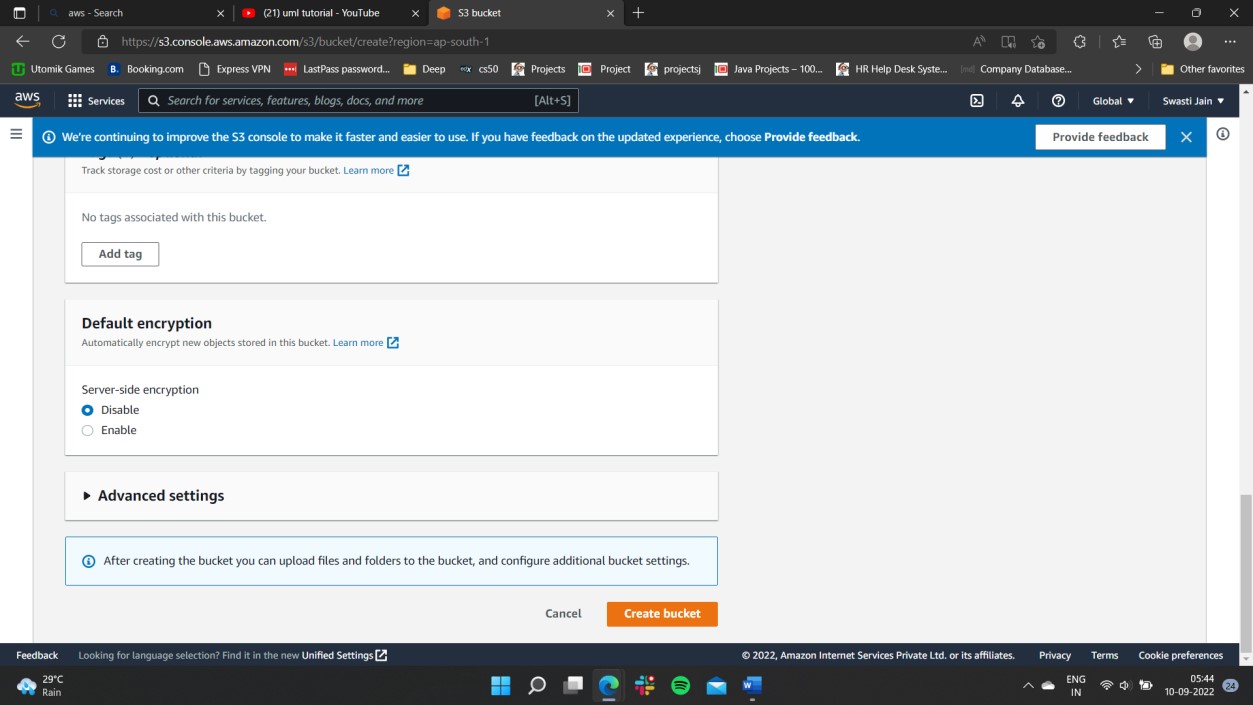
Now in the similar manner we have to create one more bucket for the destination



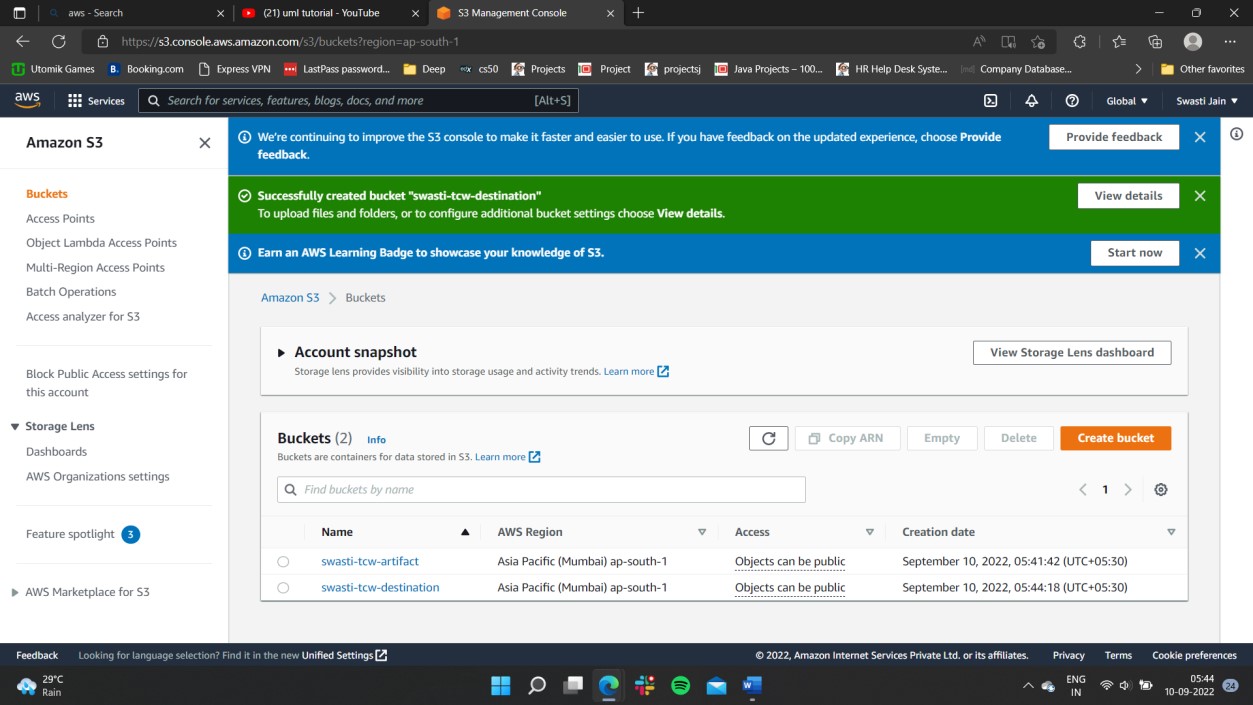


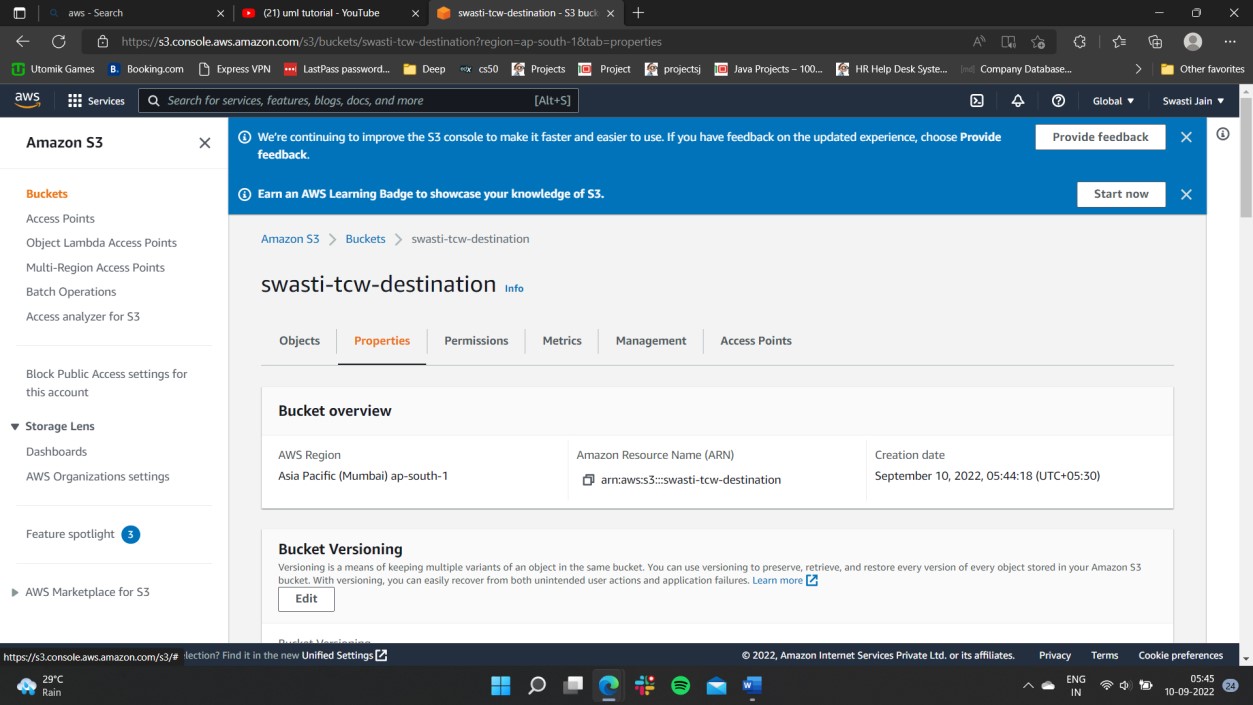
Here the only change for destination bucket is that you have to enable bucket versionin

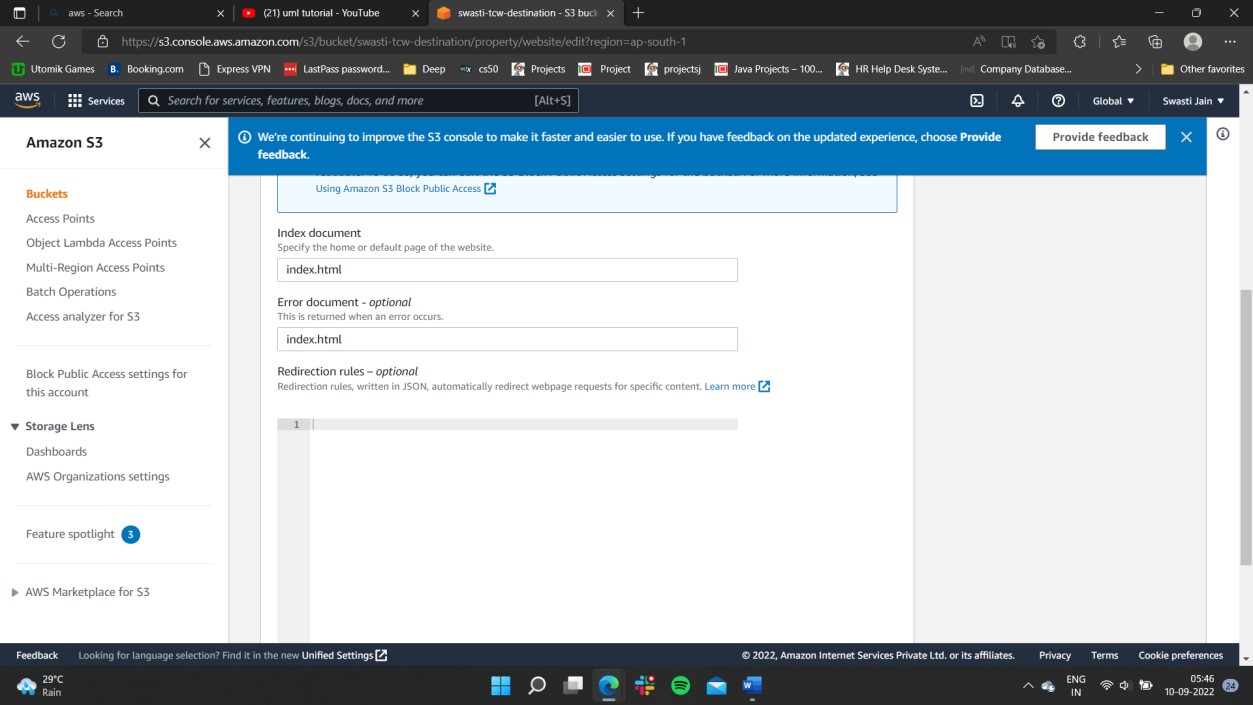
Now both our buckets are ready.



Now we will edit the static website hosting.

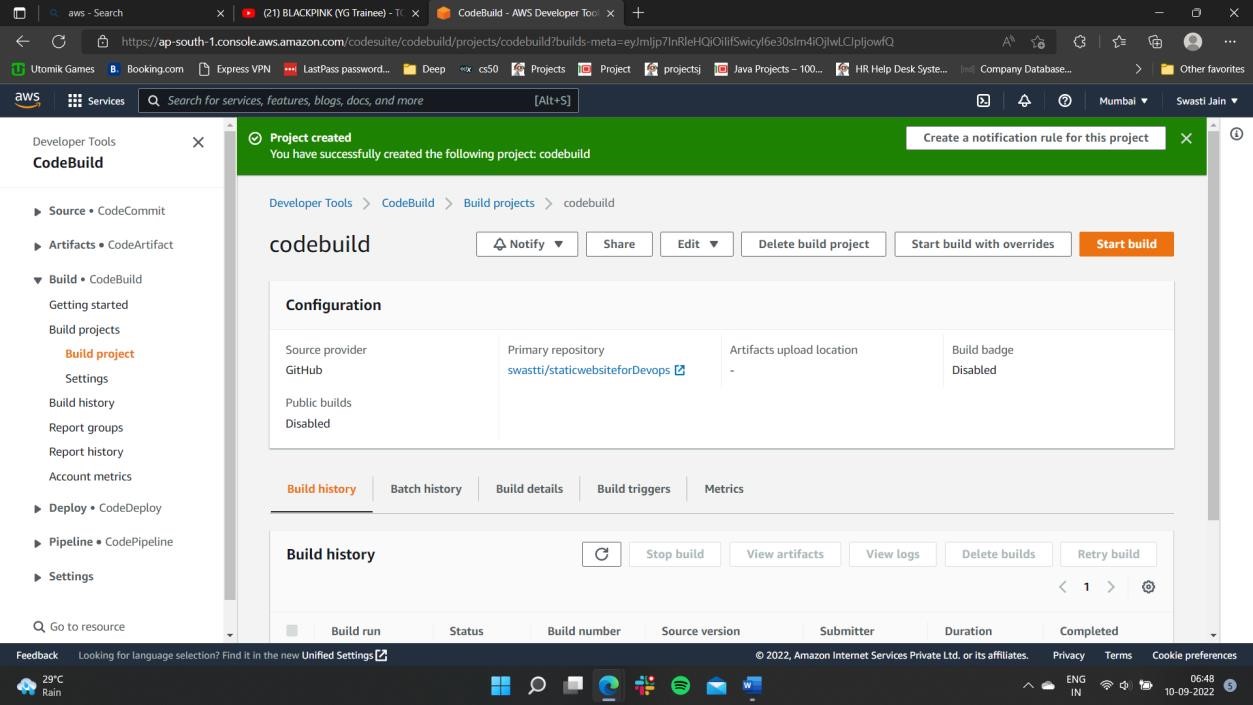
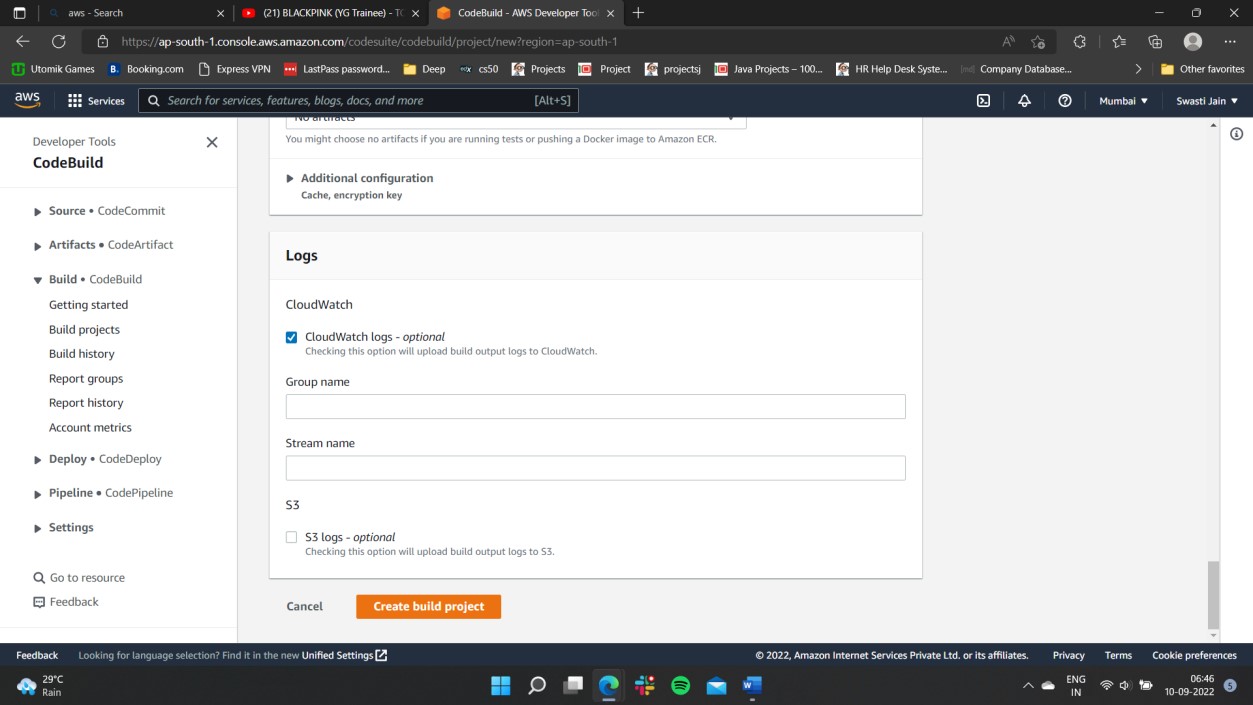
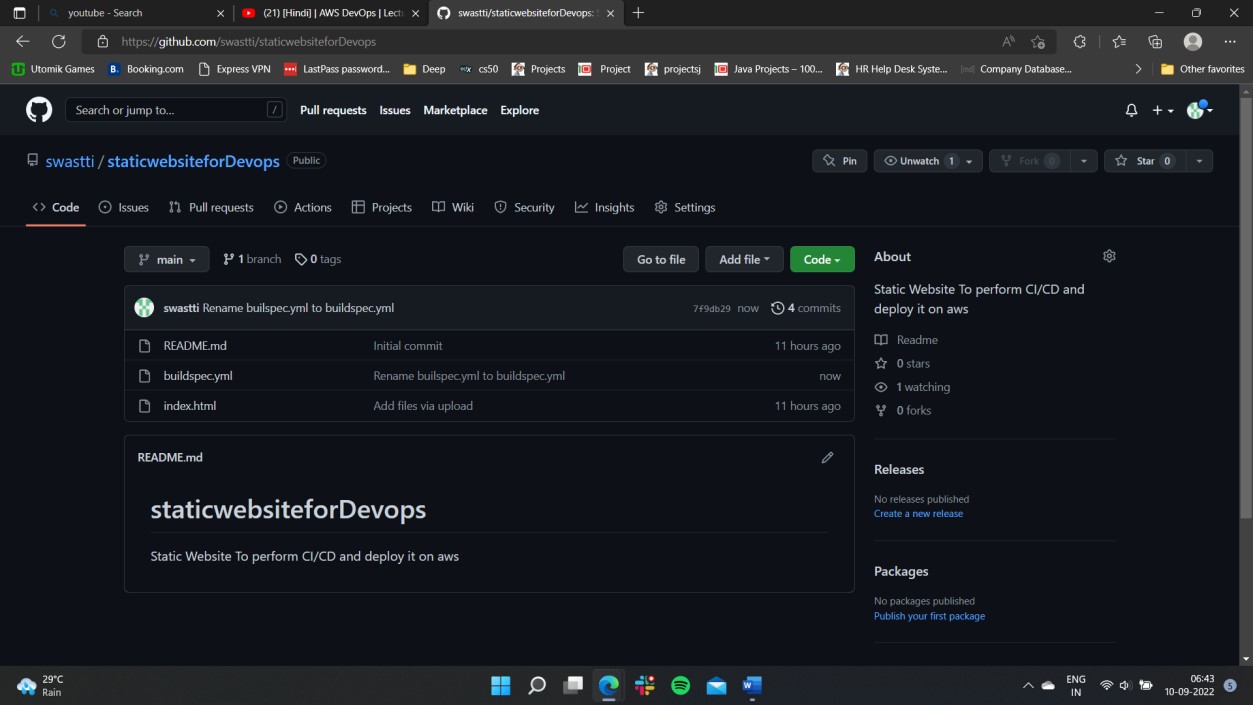
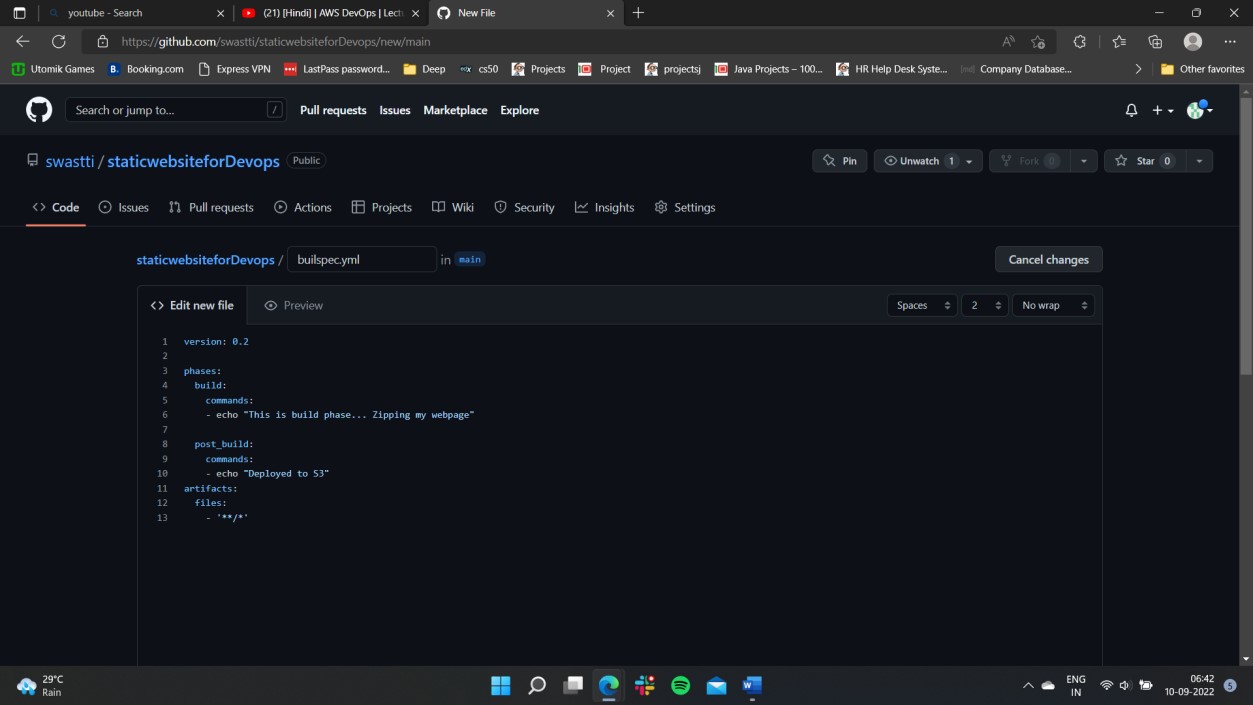
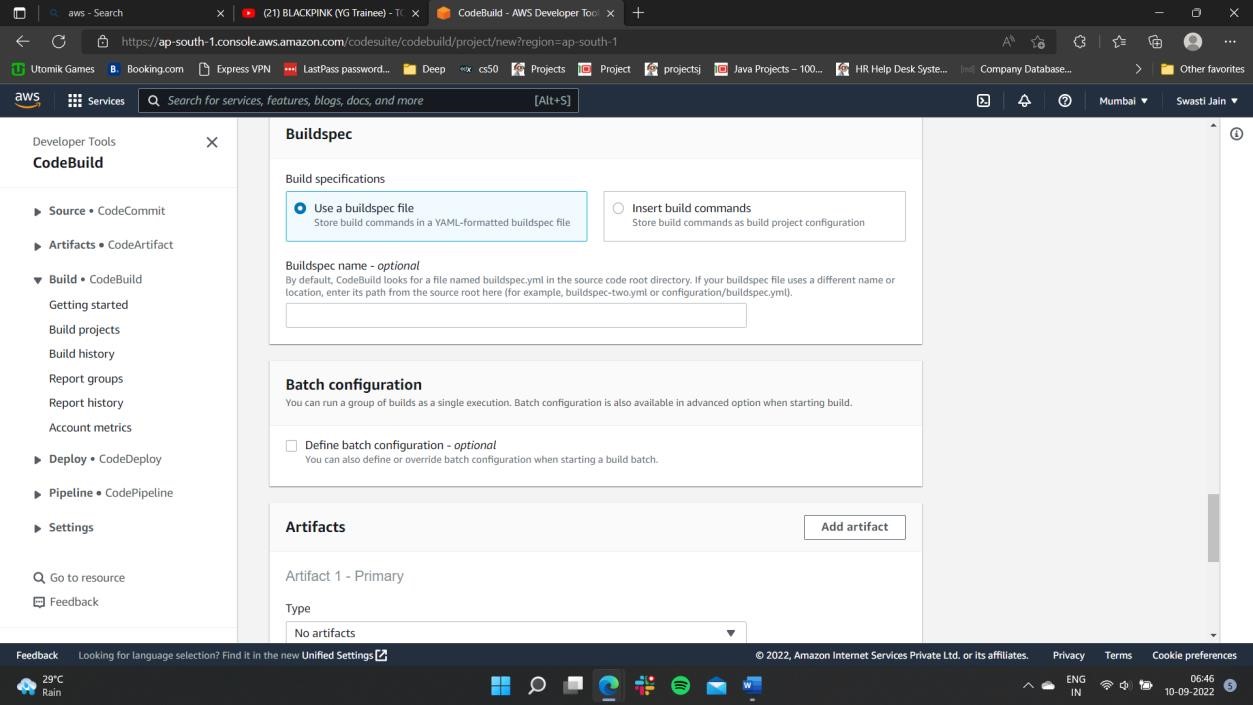
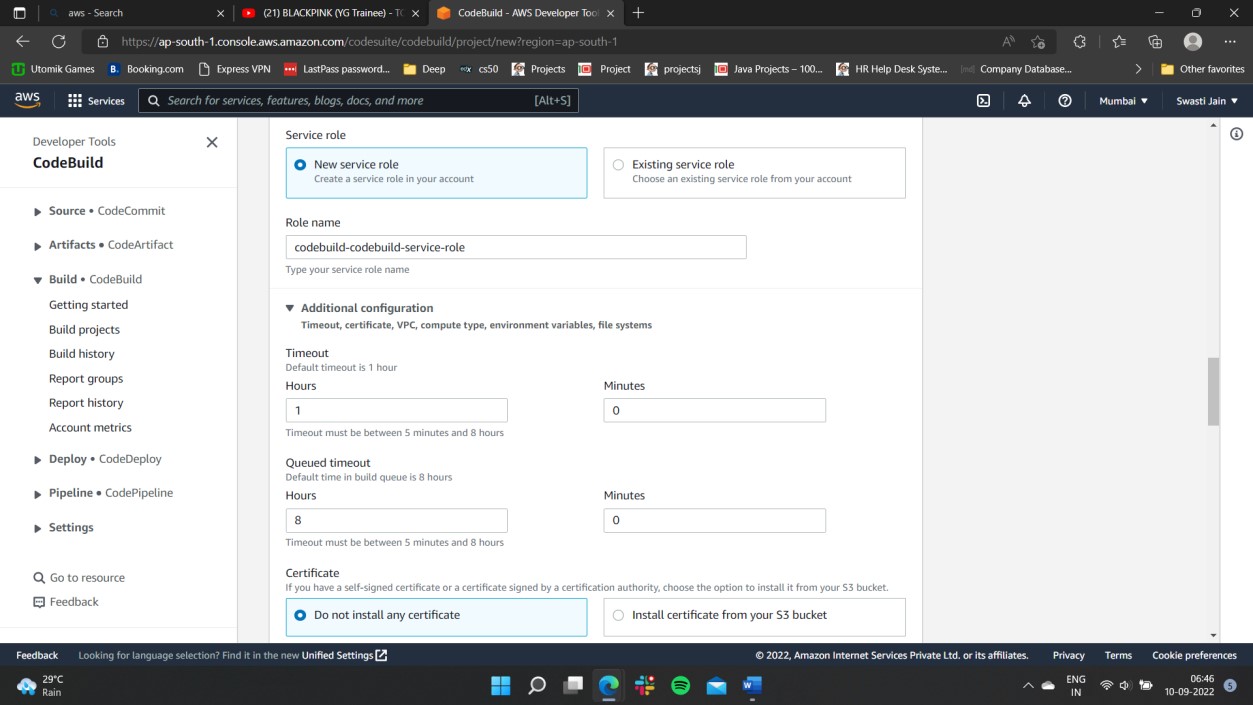
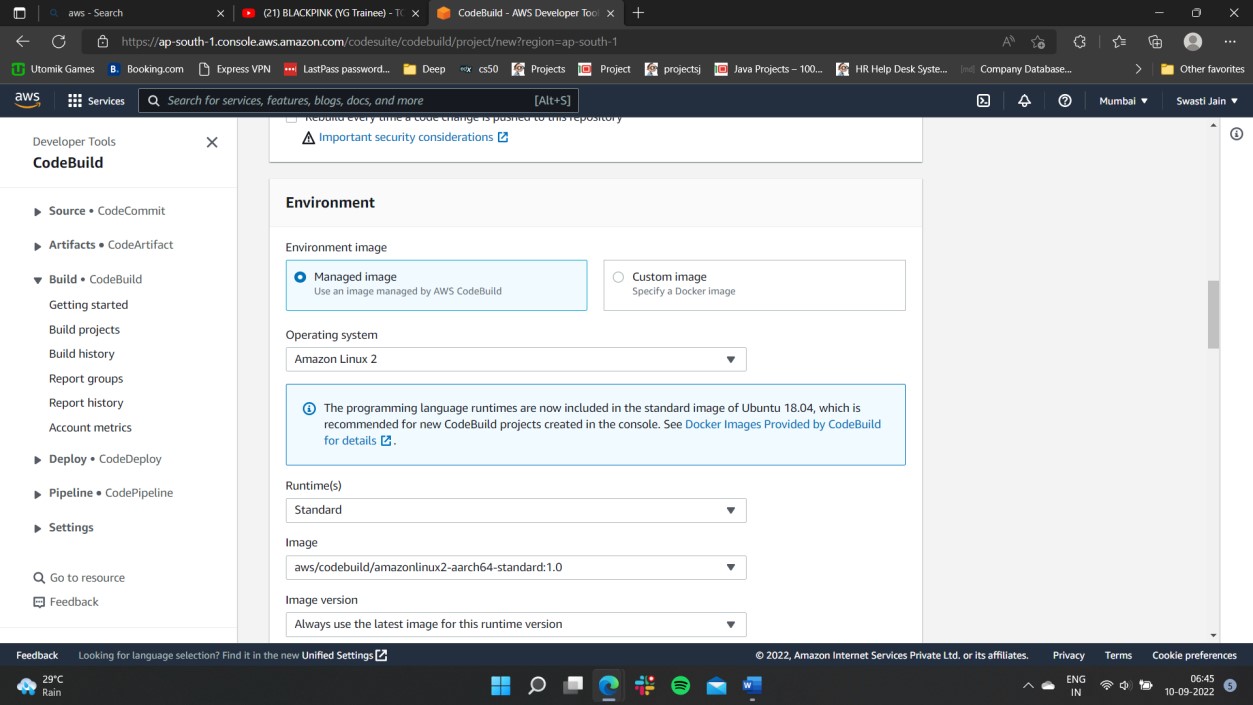
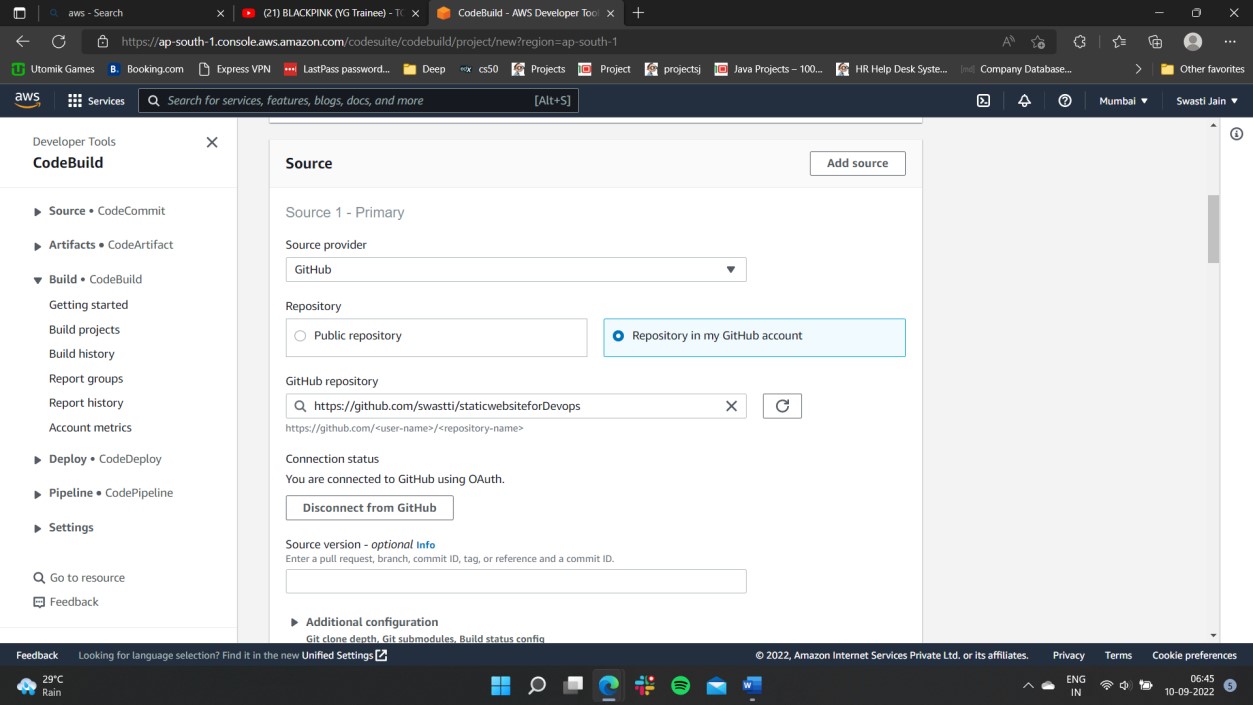
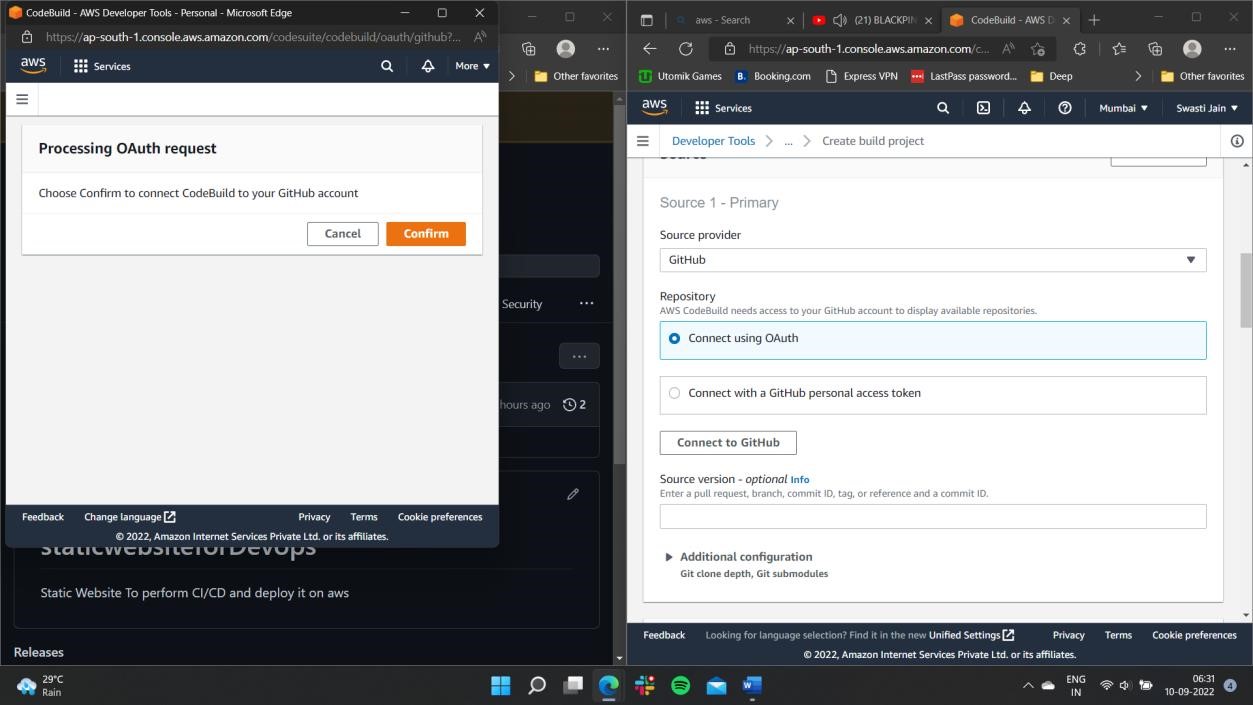
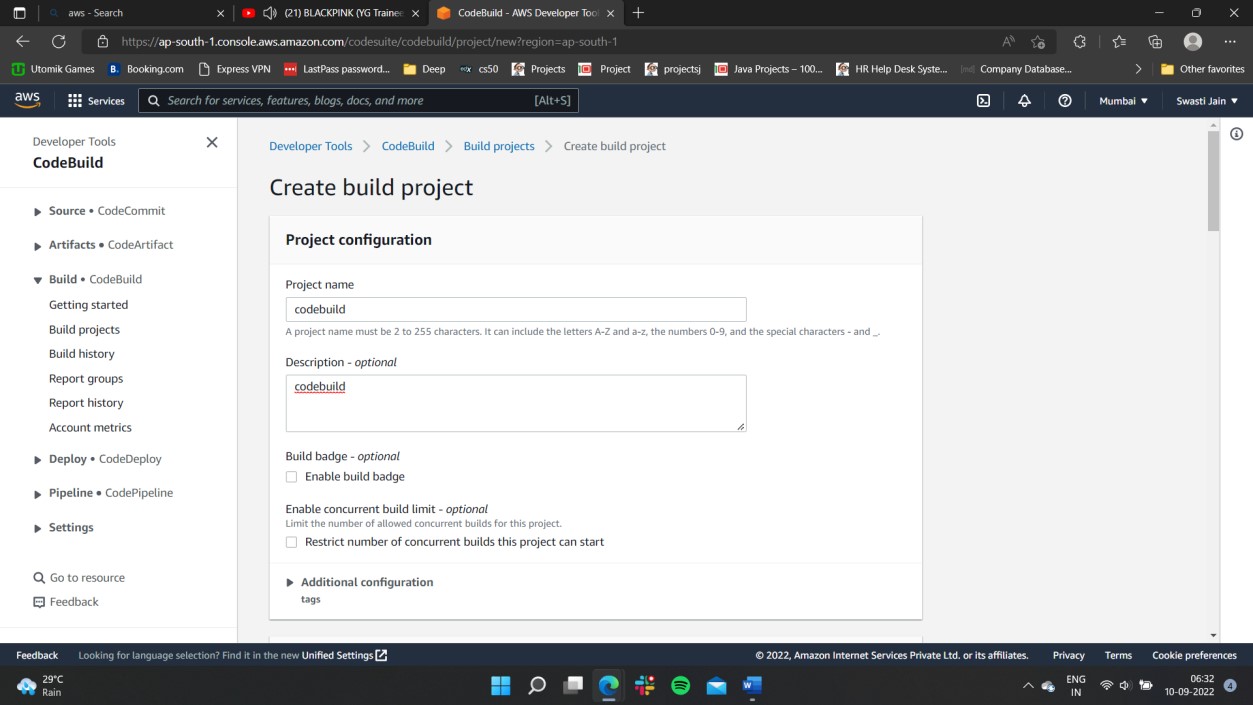






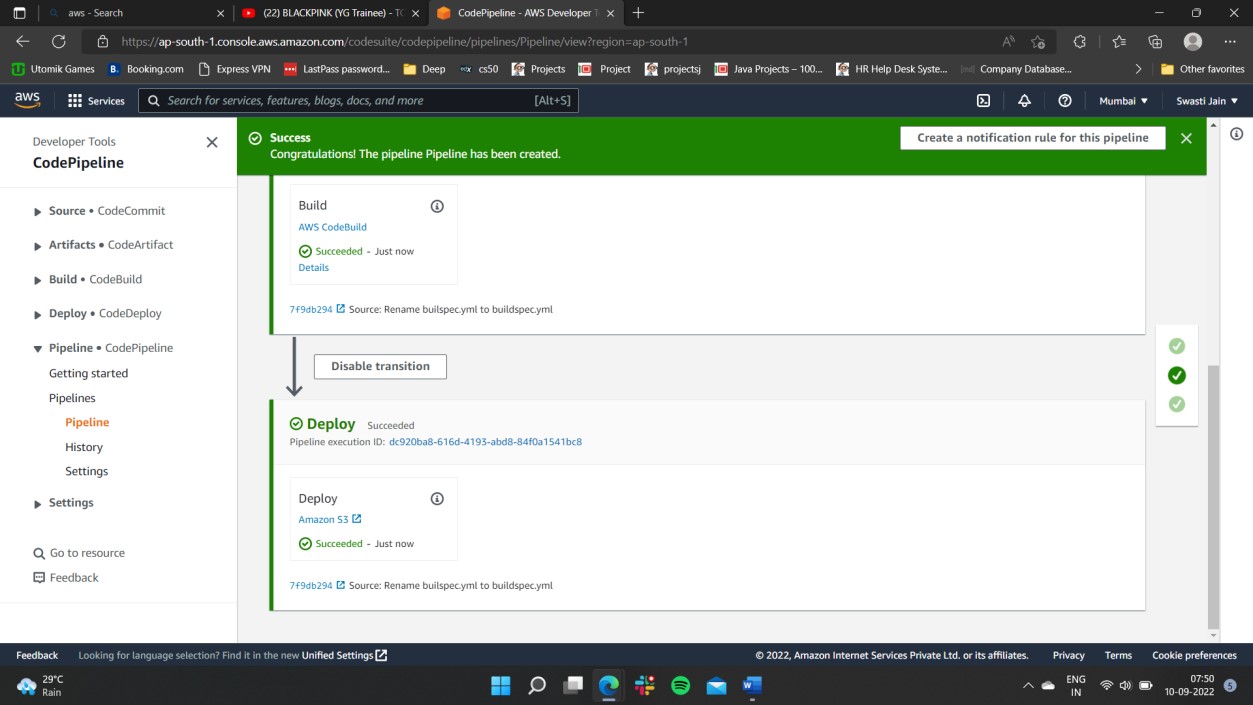
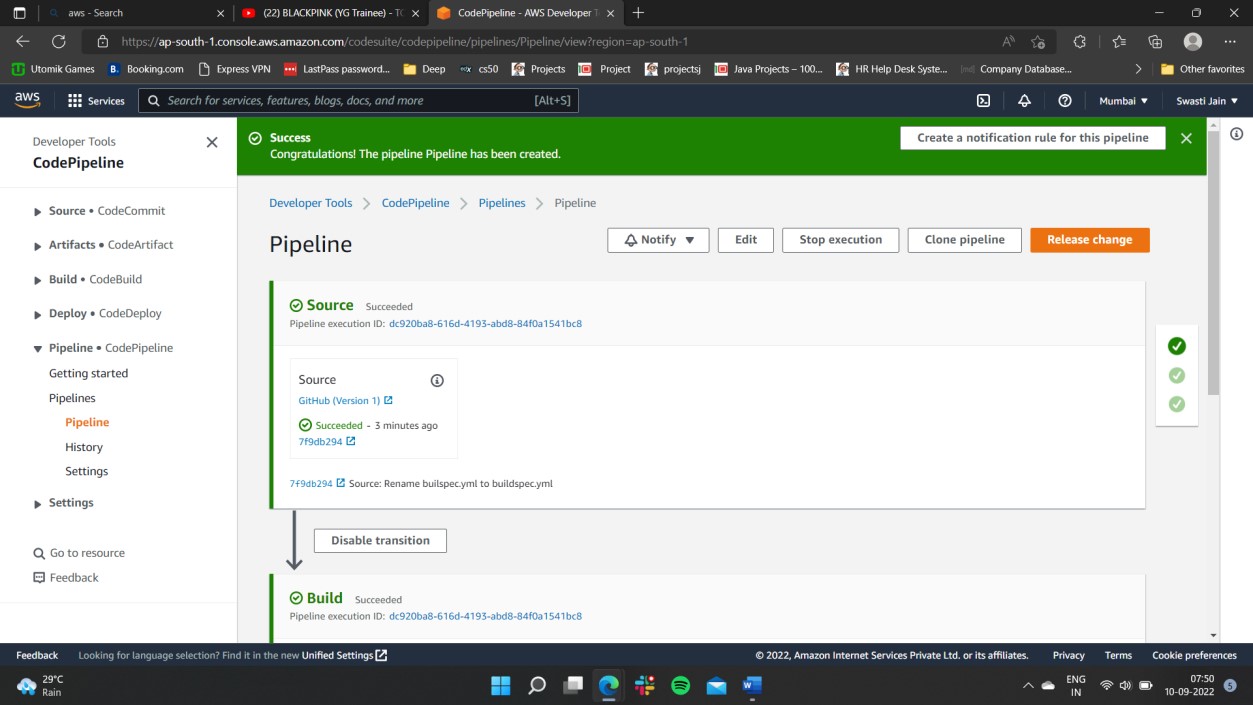
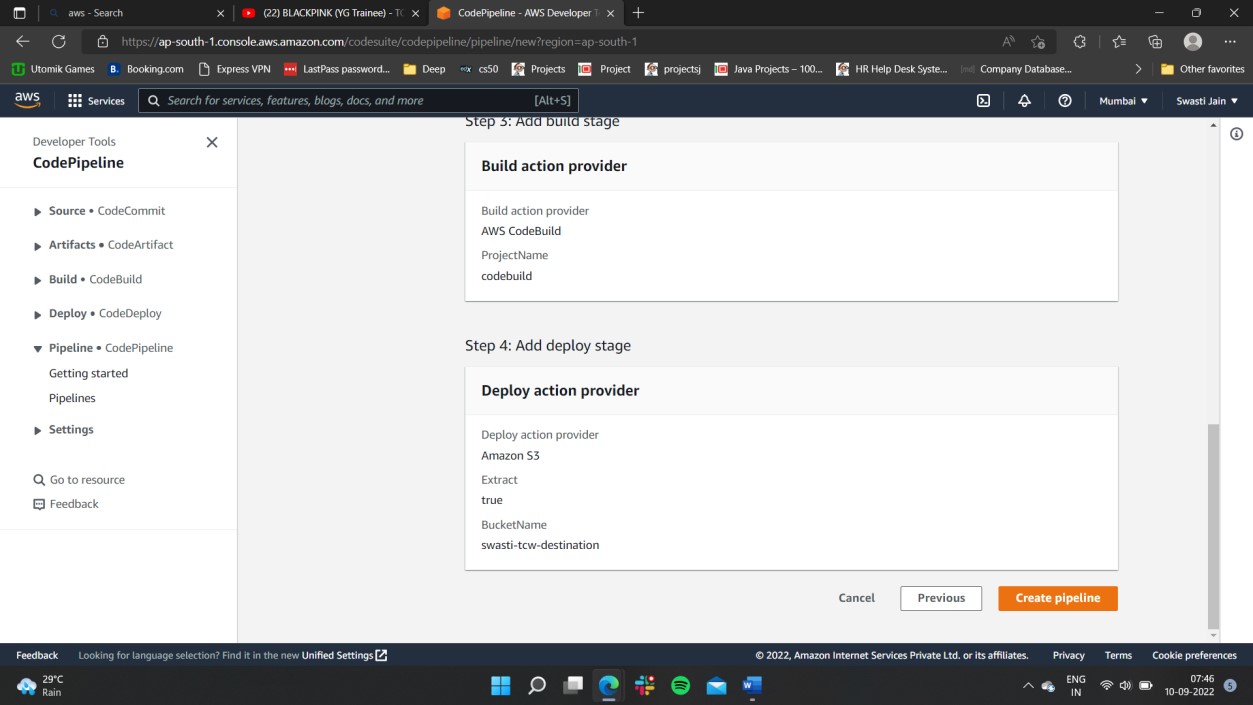
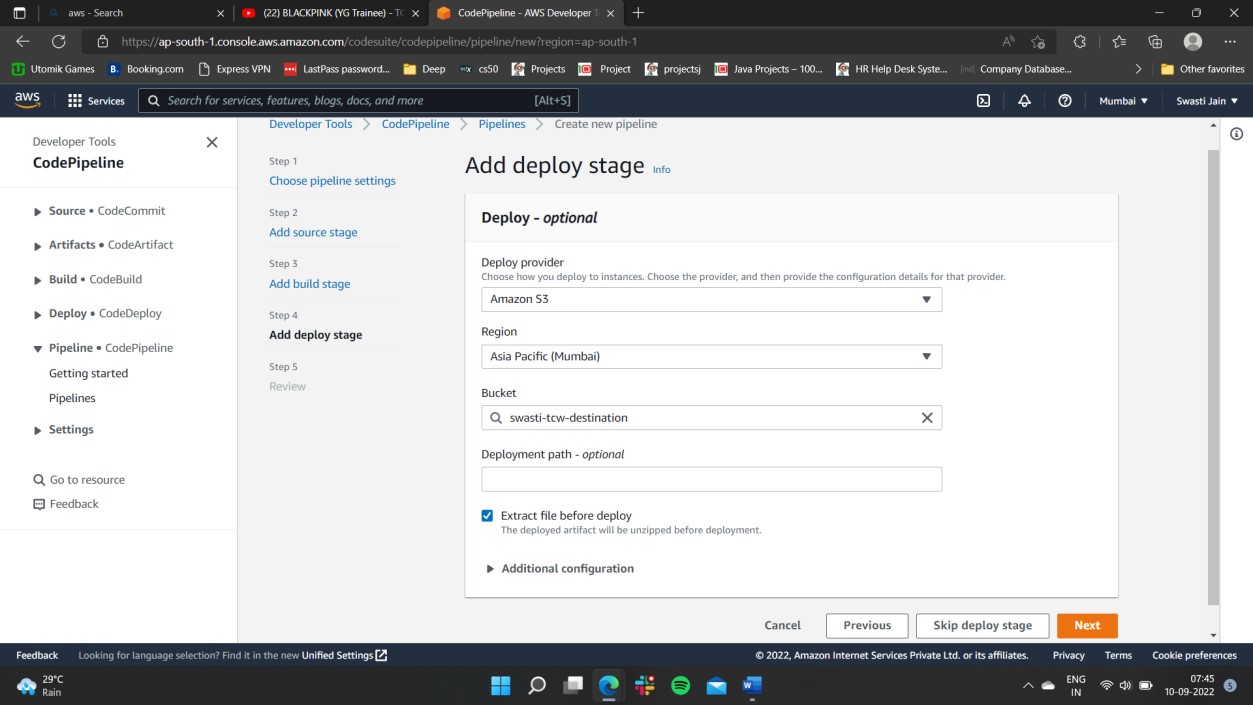
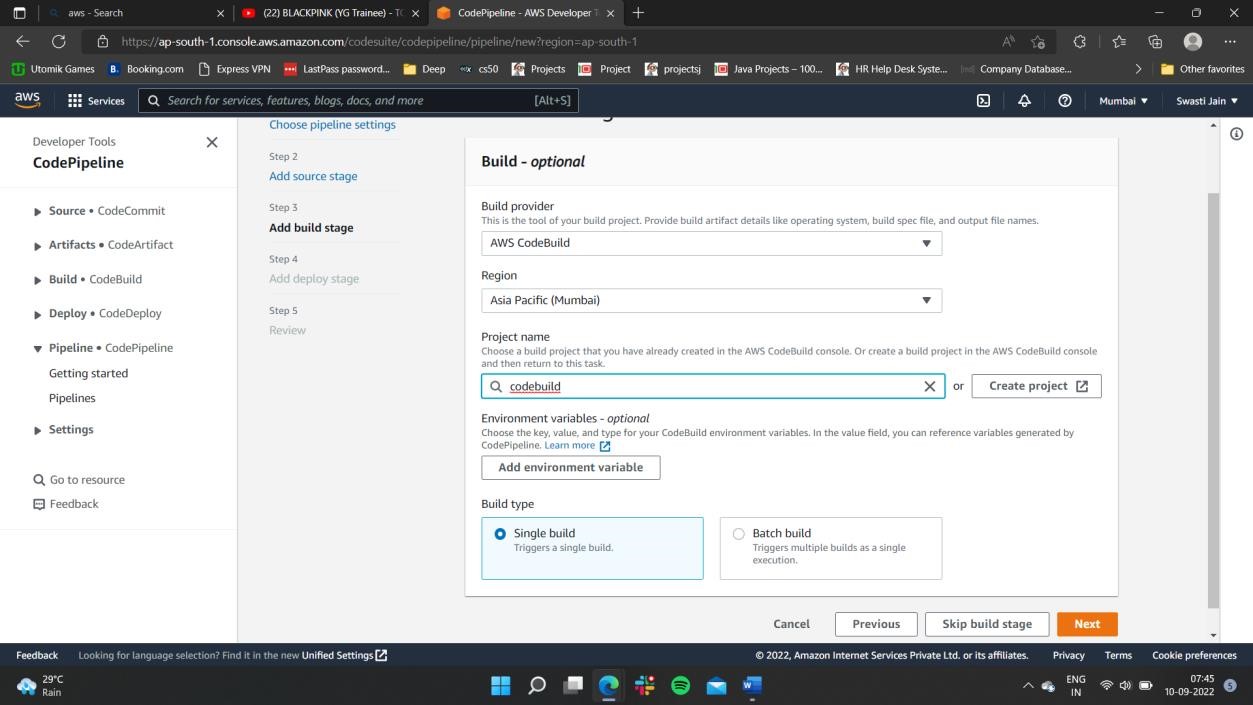
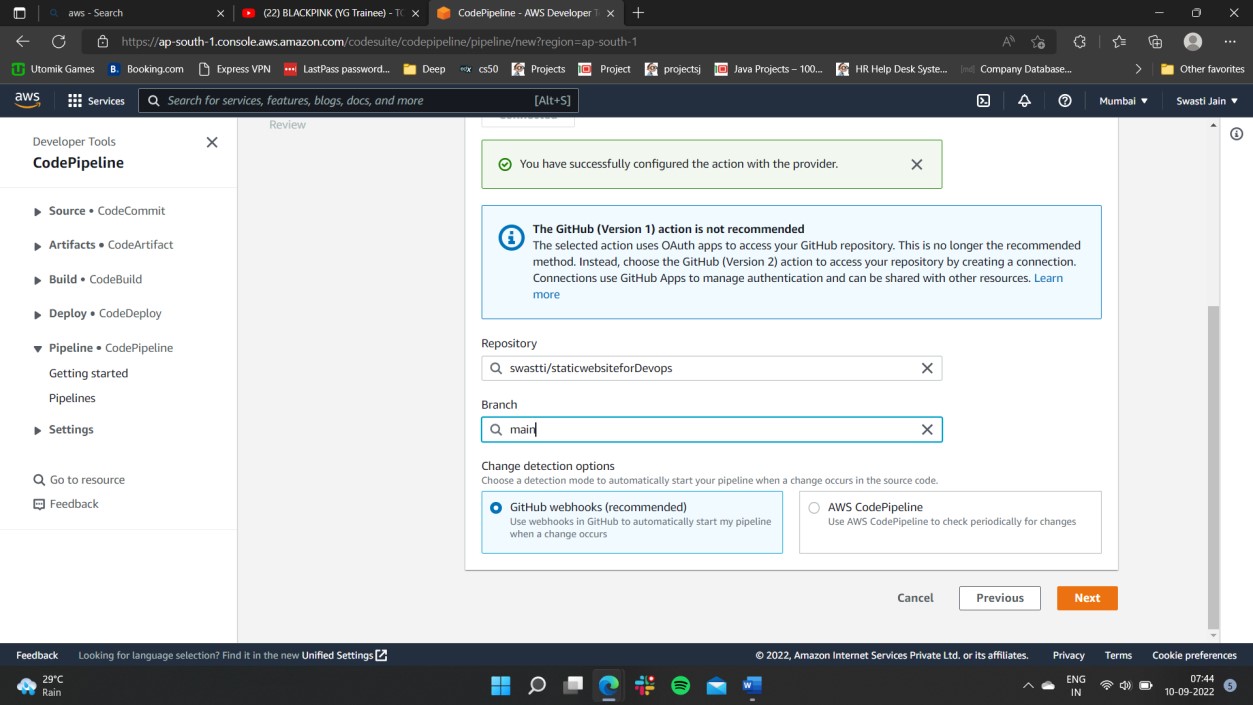
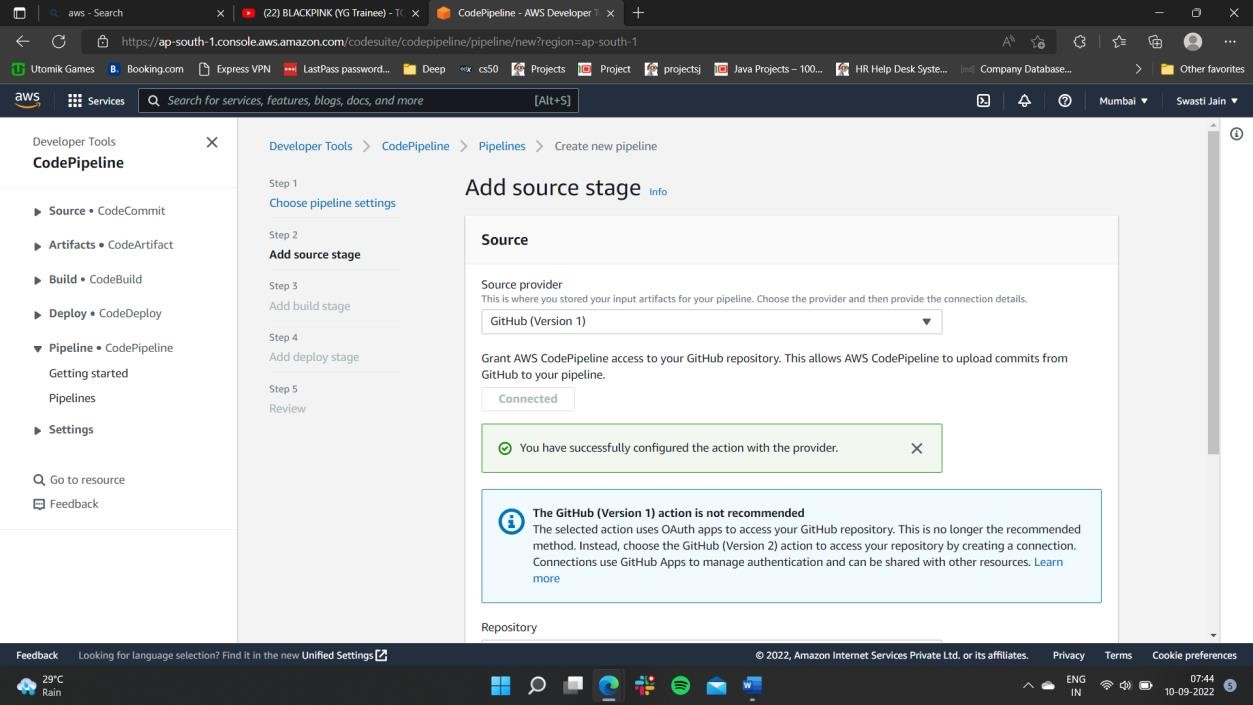
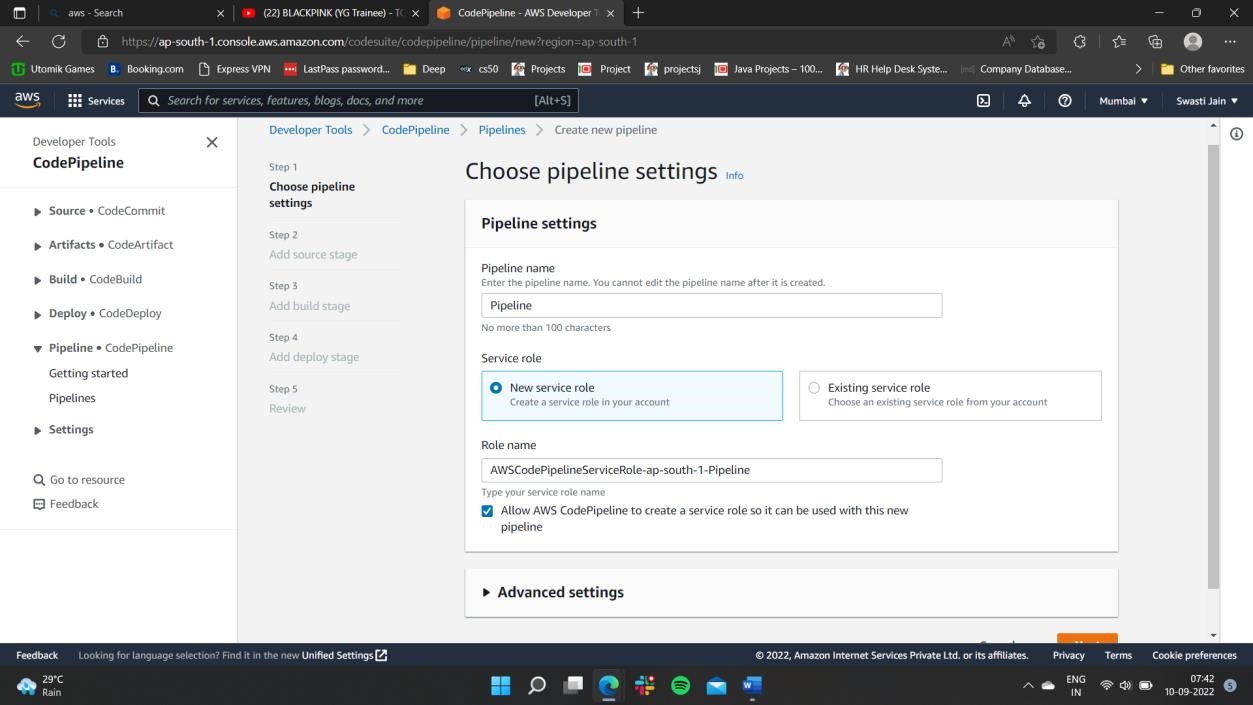
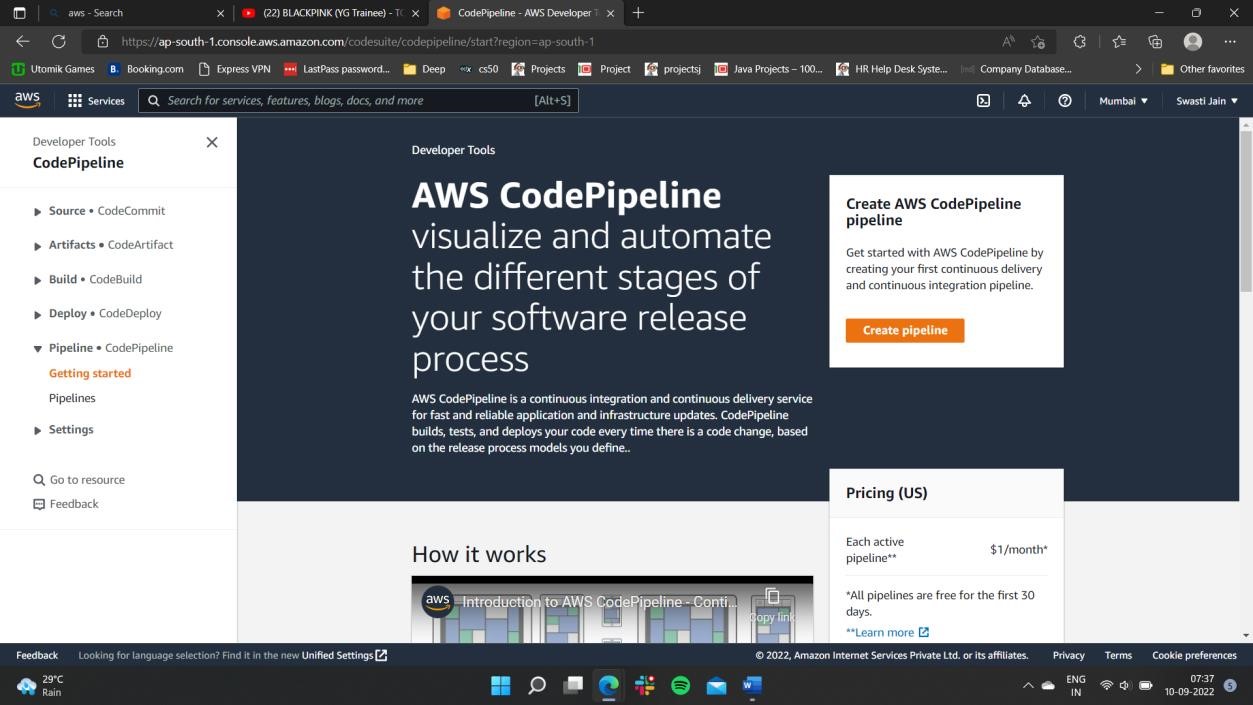
Now we will create a pipeline from github to S3.

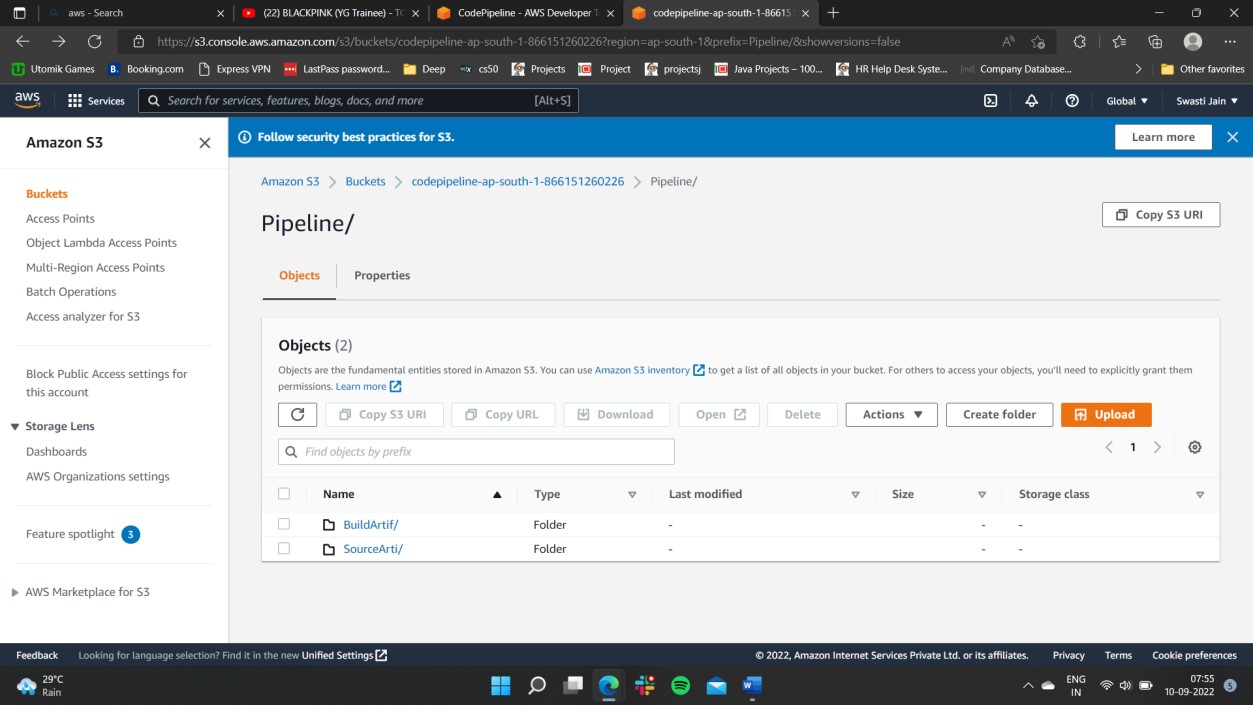


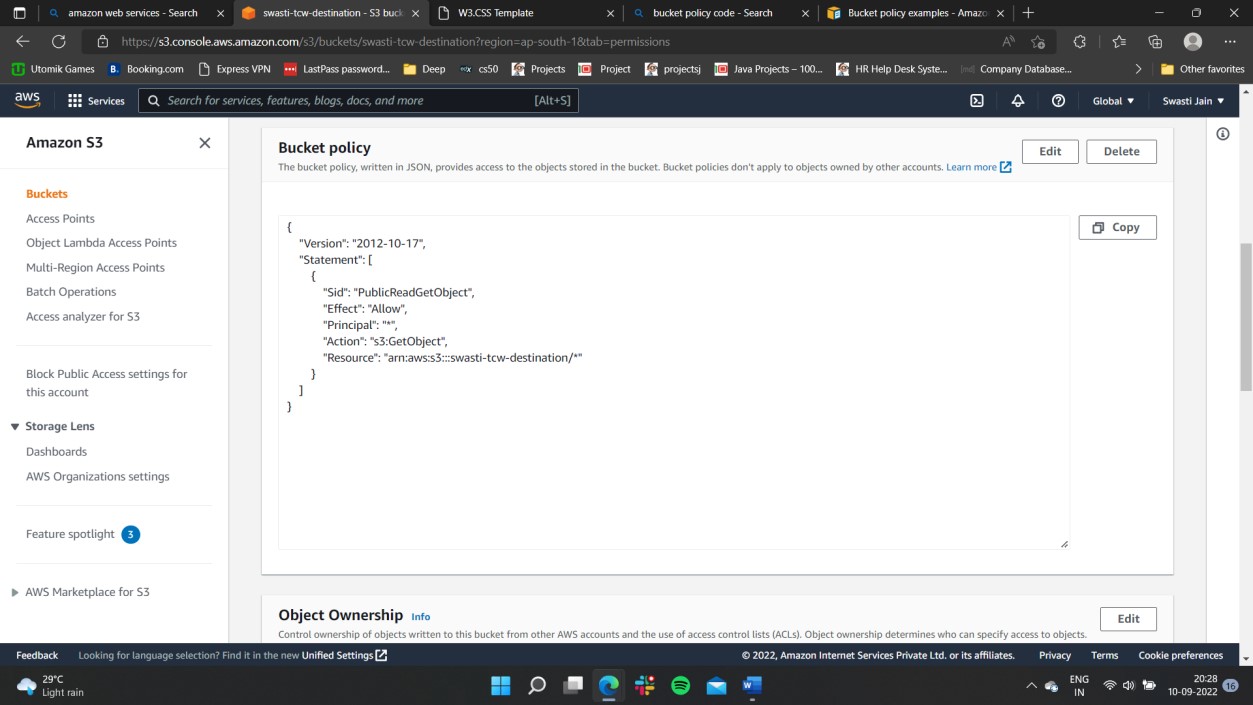
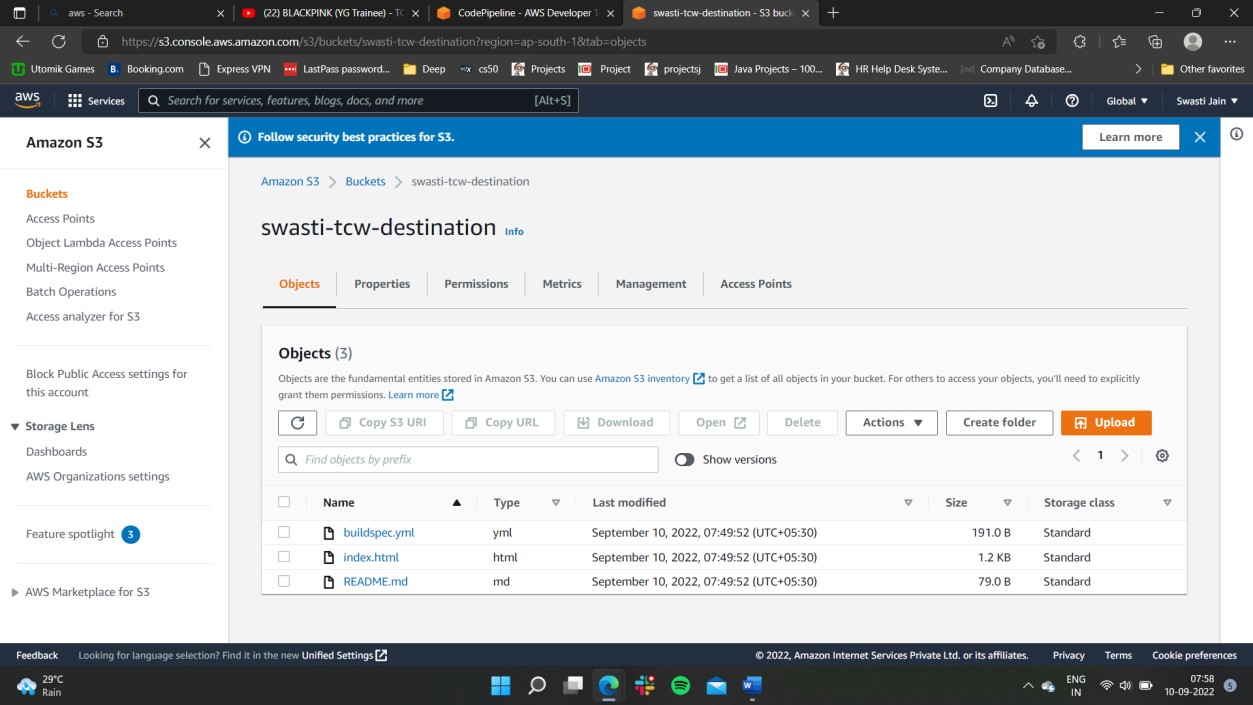
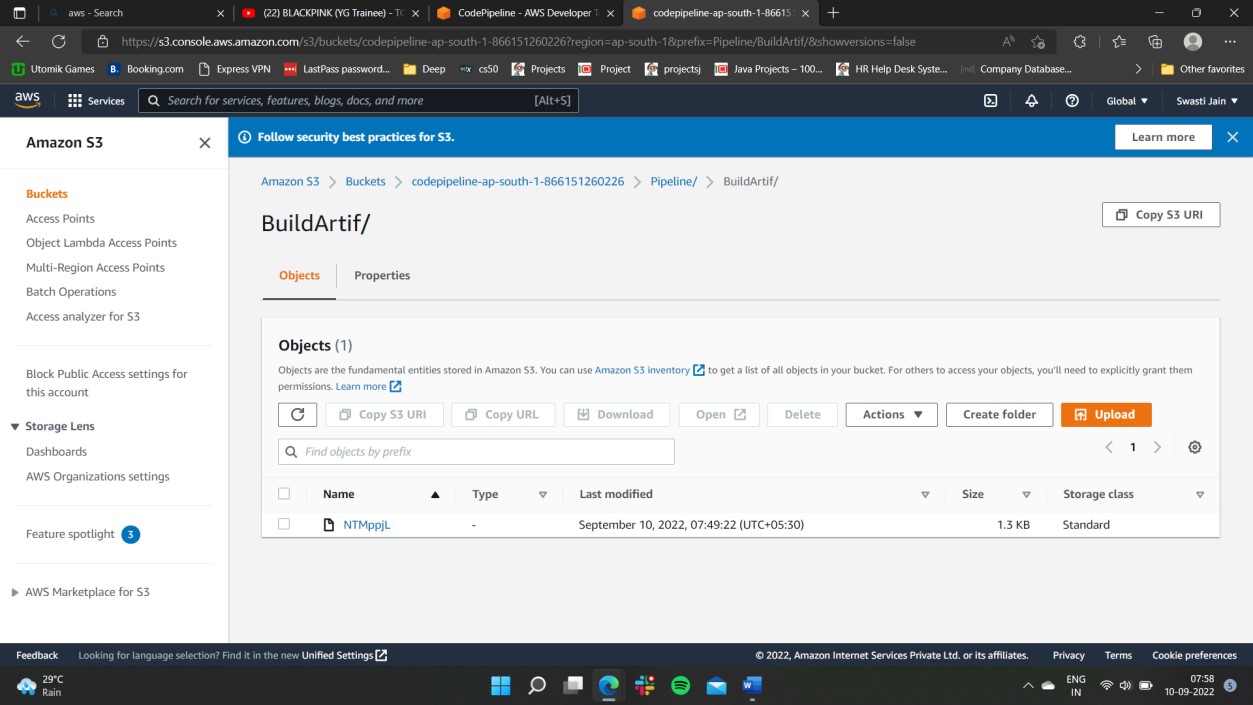
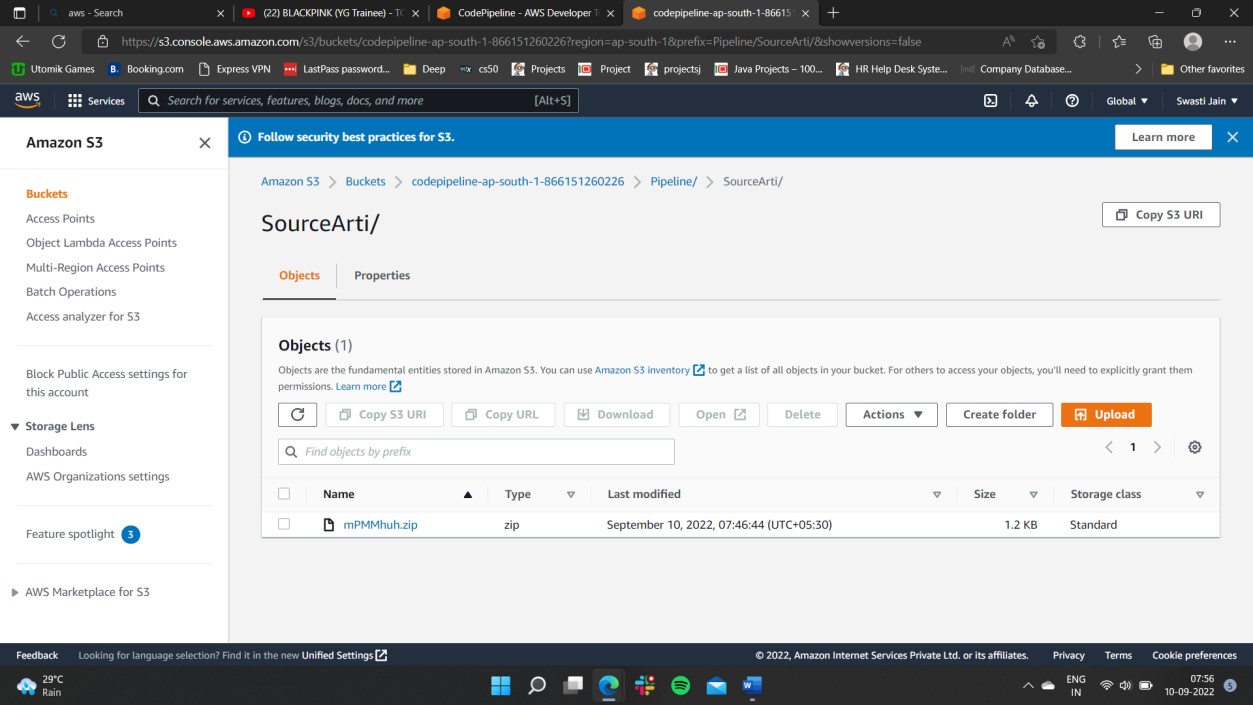


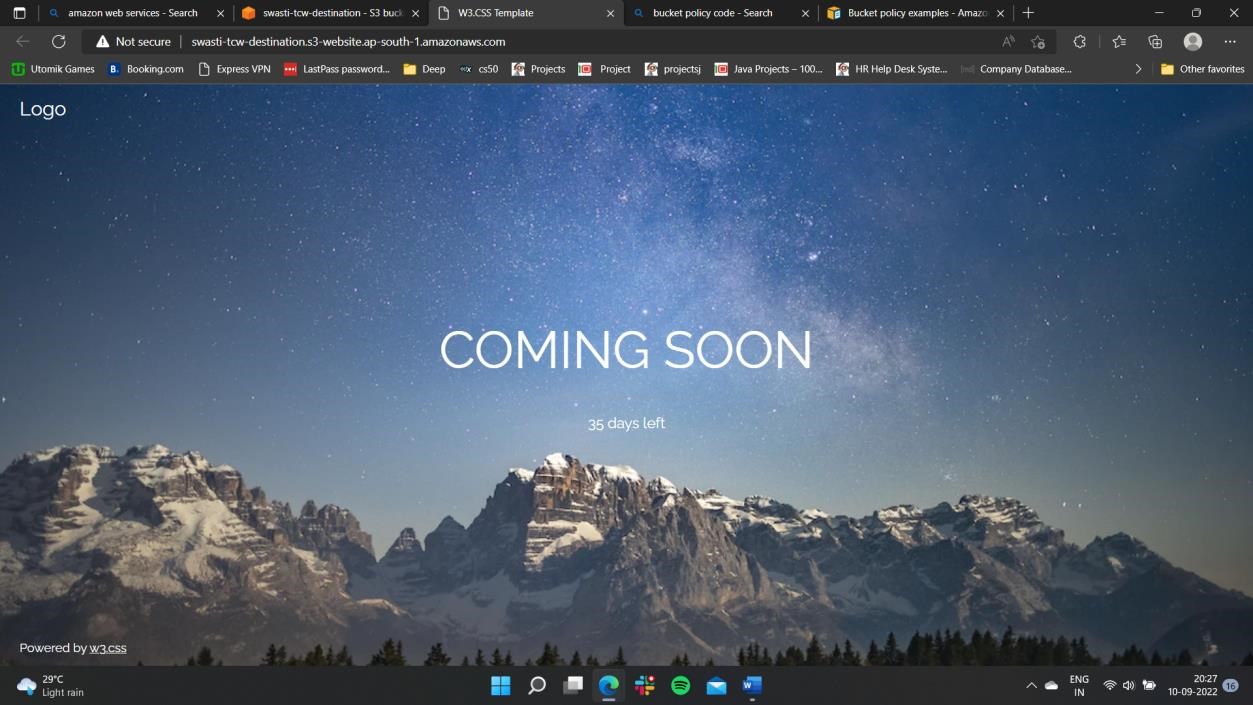
Now our project is ready with us.

Now go to pipeline getting started and then here you have to create a pipeline. Steps for creating pipeline









[W3.CSS Template (swasti-tcw-destination.s3-website.ap-south-1.amazonaws.com)](http://swasti-tcw-destination.s3-website.ap-south-1.amazonaws.com/)