20CS3234AA – ADC

Name: B. Naveen

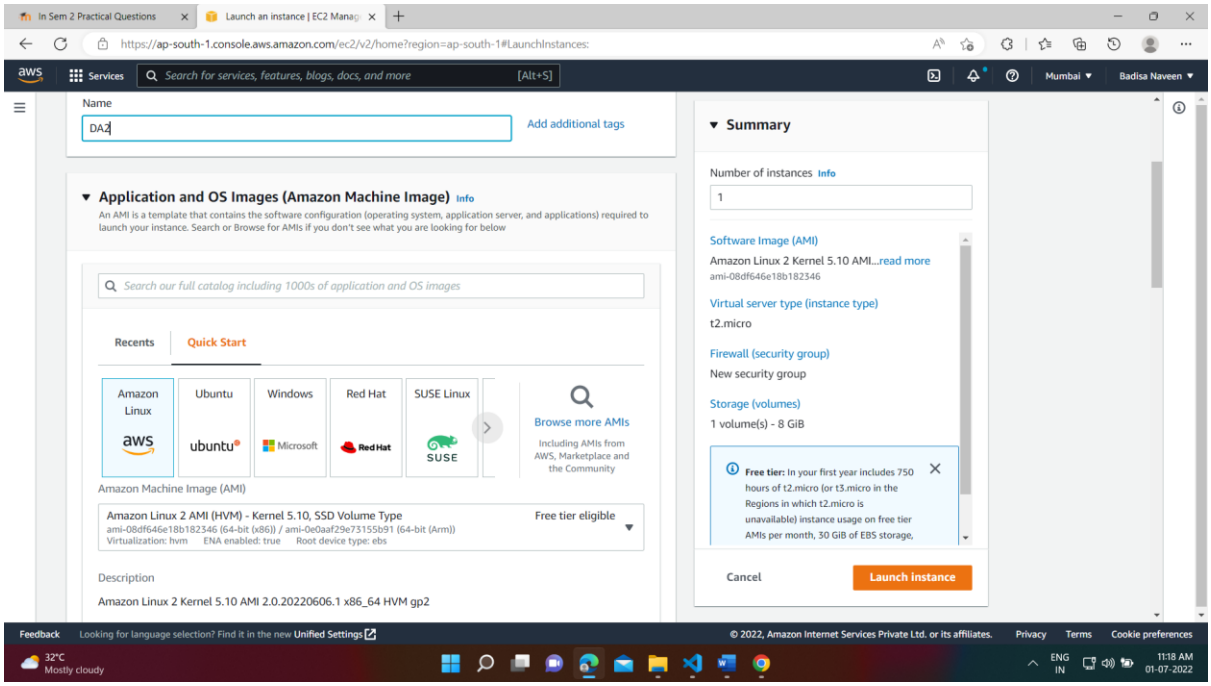
Reg.no: 2000031509

Question

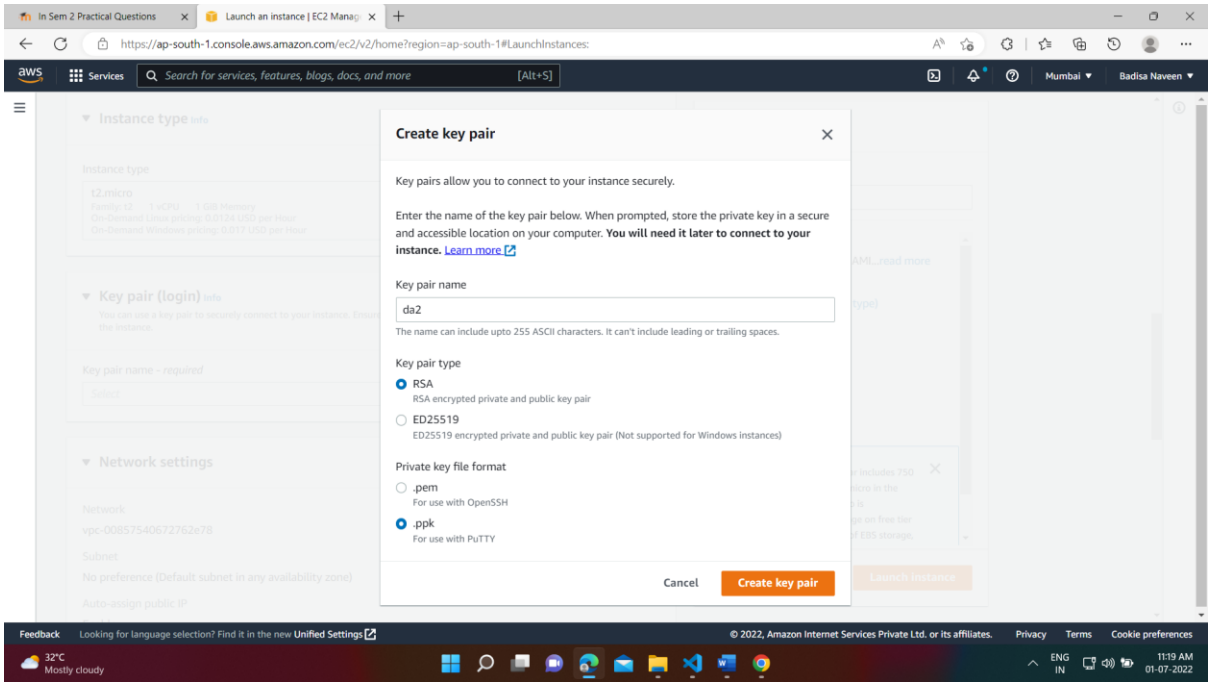
It is time for the continuous deployment, For AWS CodeDeploy, access ec2 instance using putty commant prompt (possible using the access key of admin user). Install the code deploy softwares in ec2 instances through AWS CLI. Create necessary IAM role for code deploy to access ec2 instance and link s3 bucket artifacts to code deploy through AWS CLI and finally, Deploy the application to ec2 instance (If required, you can use the sample application: https://github.com/balajee-rm/lab/blob/main/devops-with-aws-application.zip).

A.

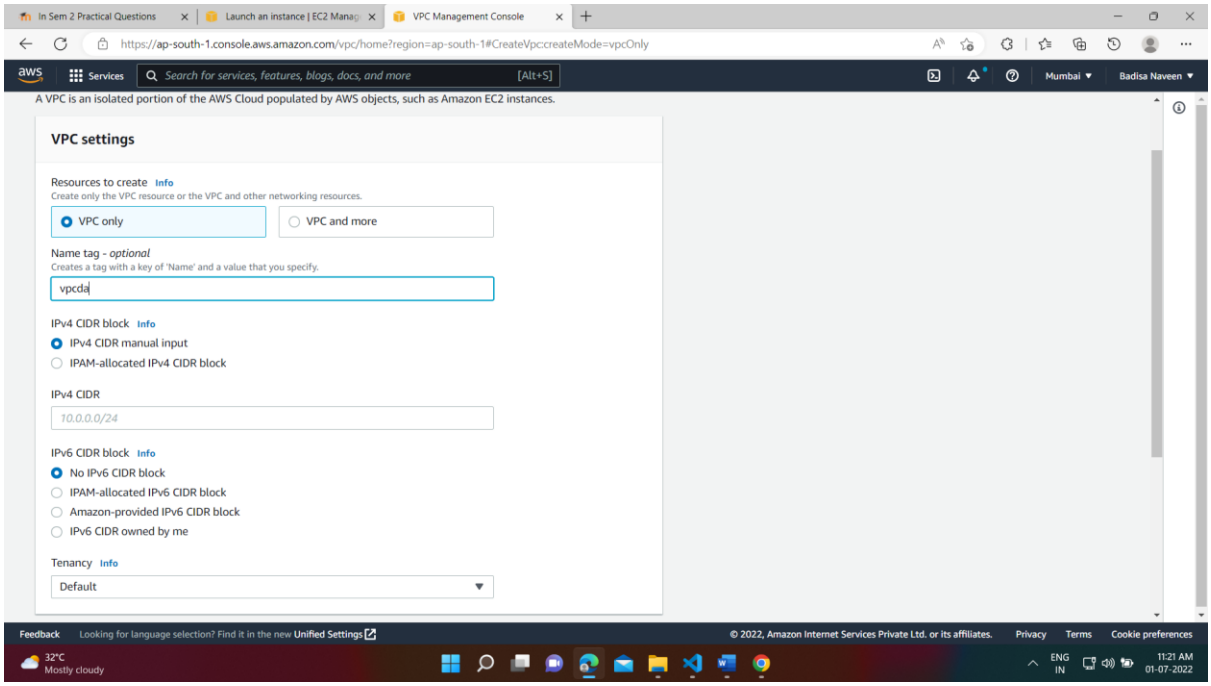
Step1: Launch an Amazon EC2 instance



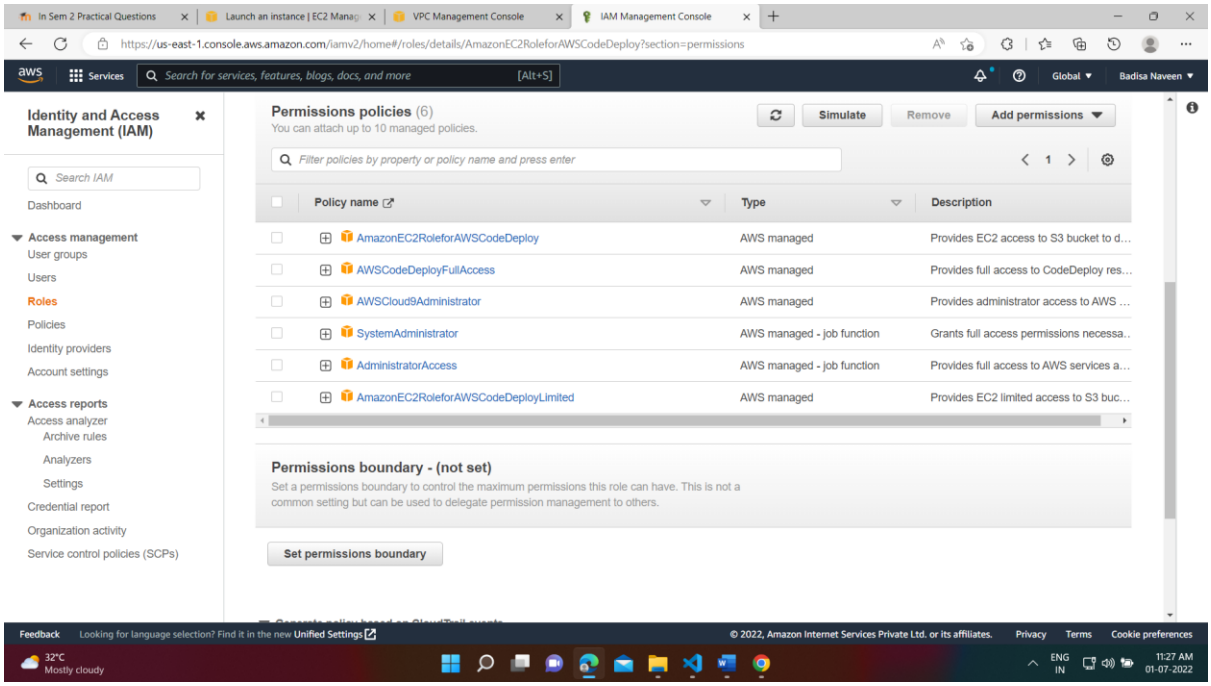
Step2: create a new key pair



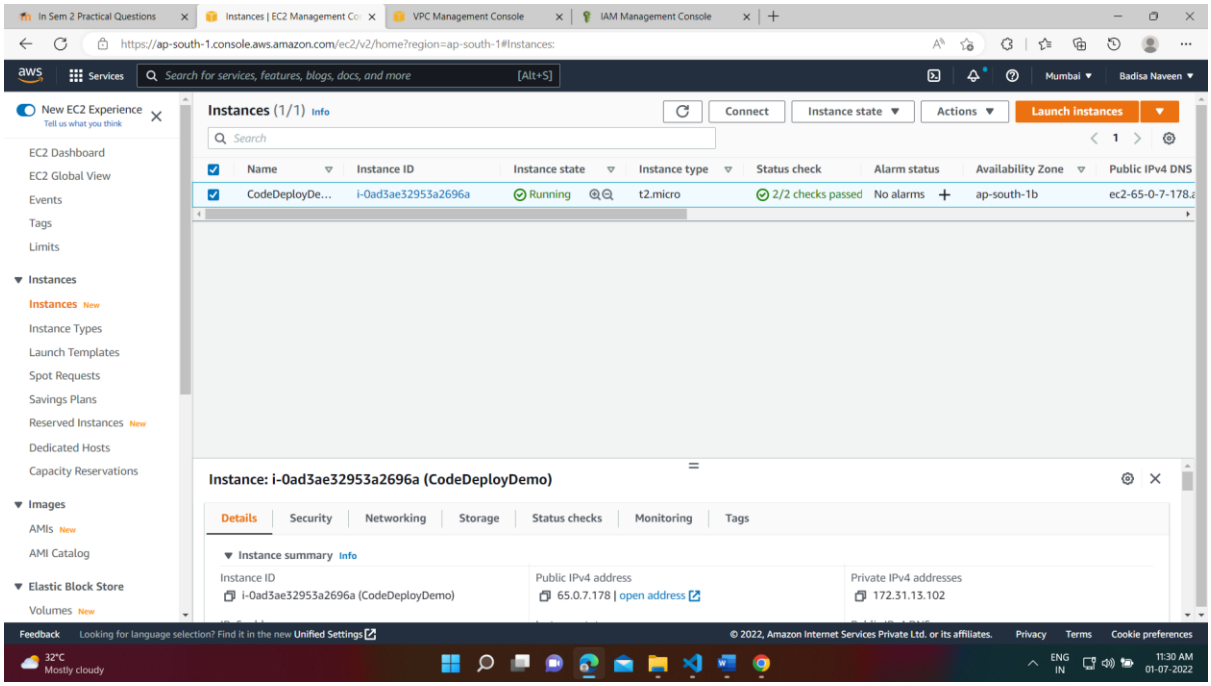
Step3: create a VPC



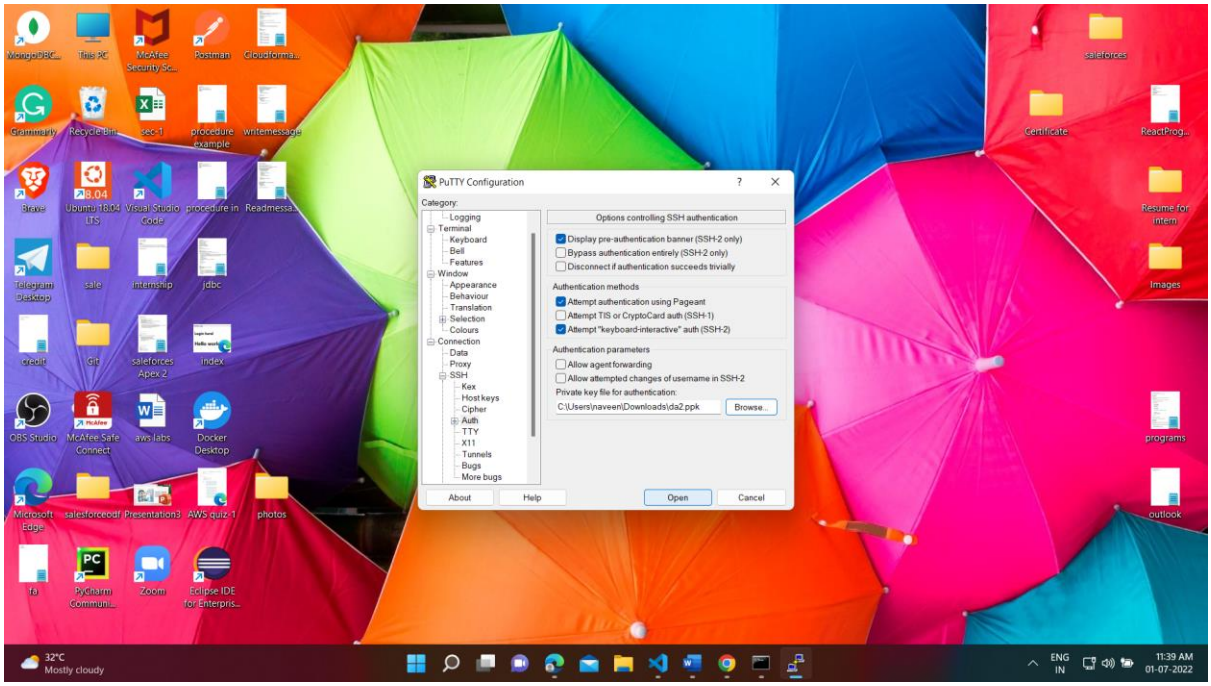
Step4: Create the IAM role with required permissions



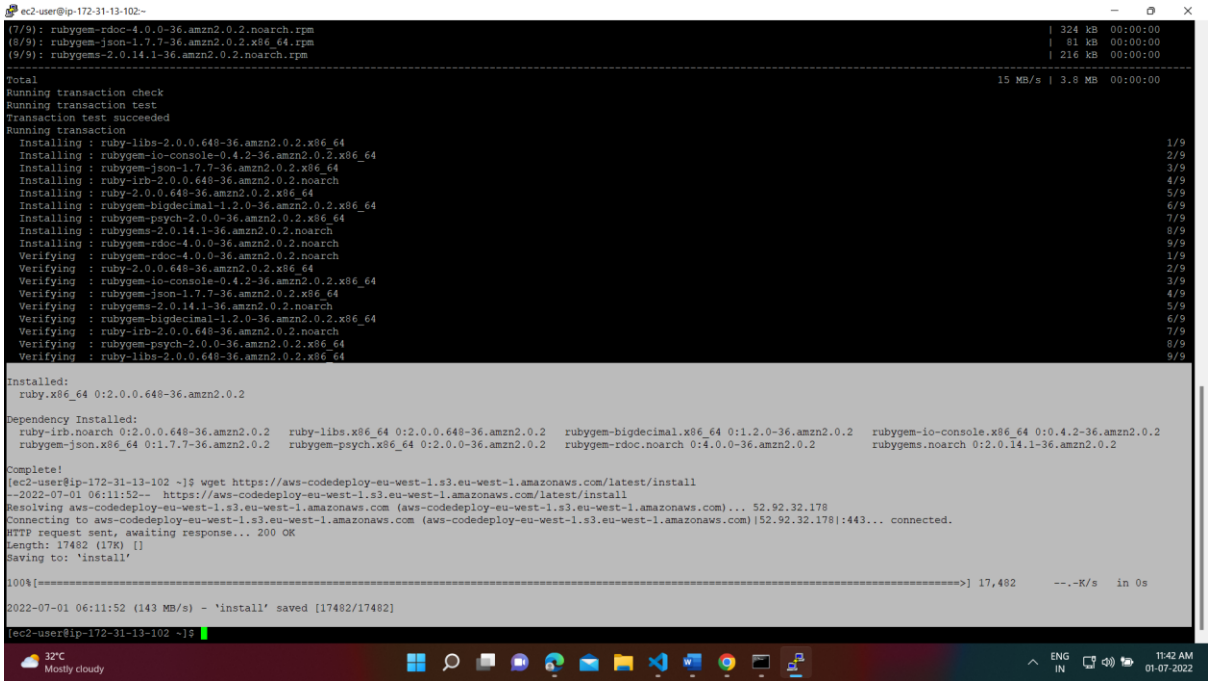
Step5: Wait for 2/2 check pass



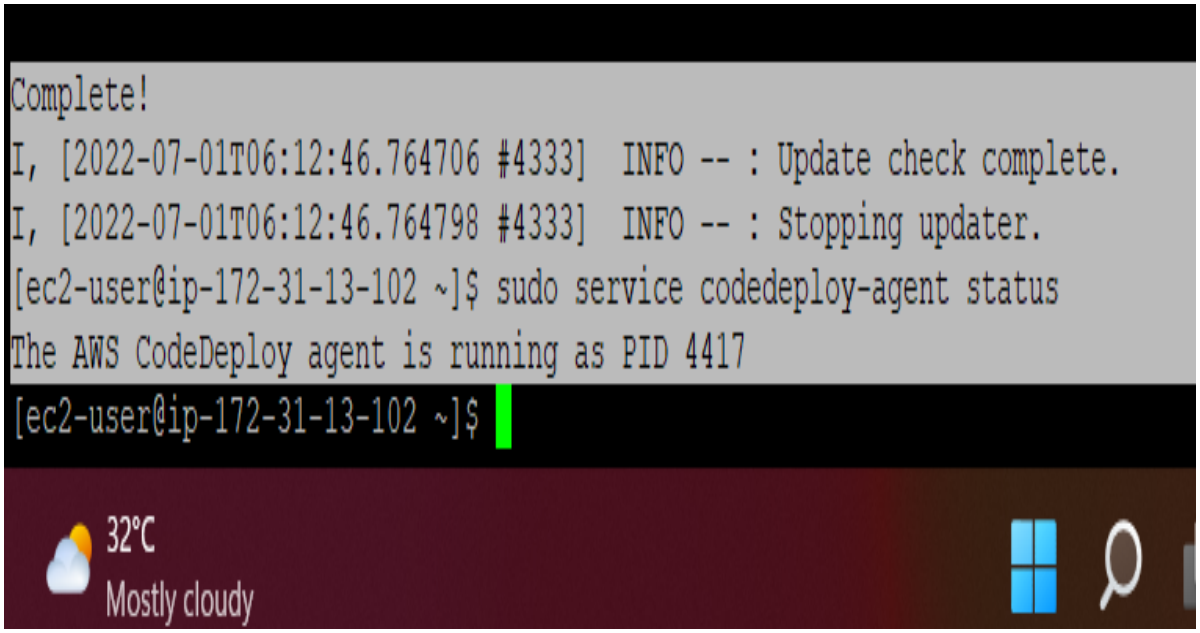
Step6: **Connect to putty**



Step7: install dependences

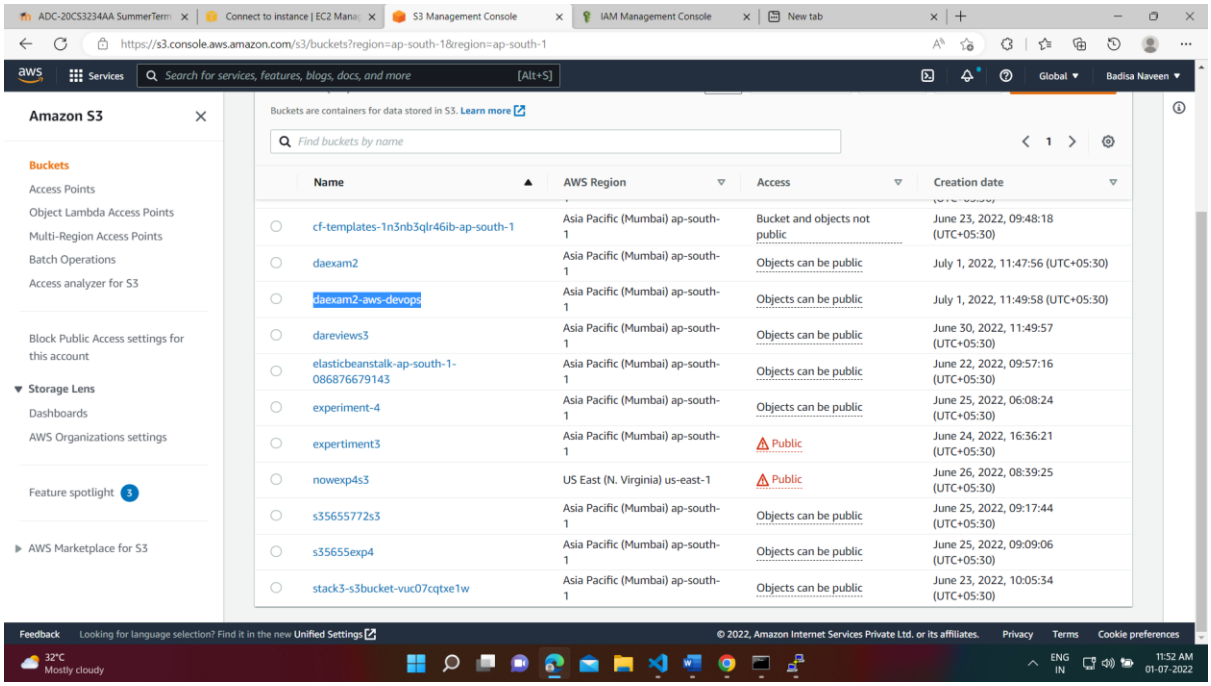


Step8: check codedeploy status is running

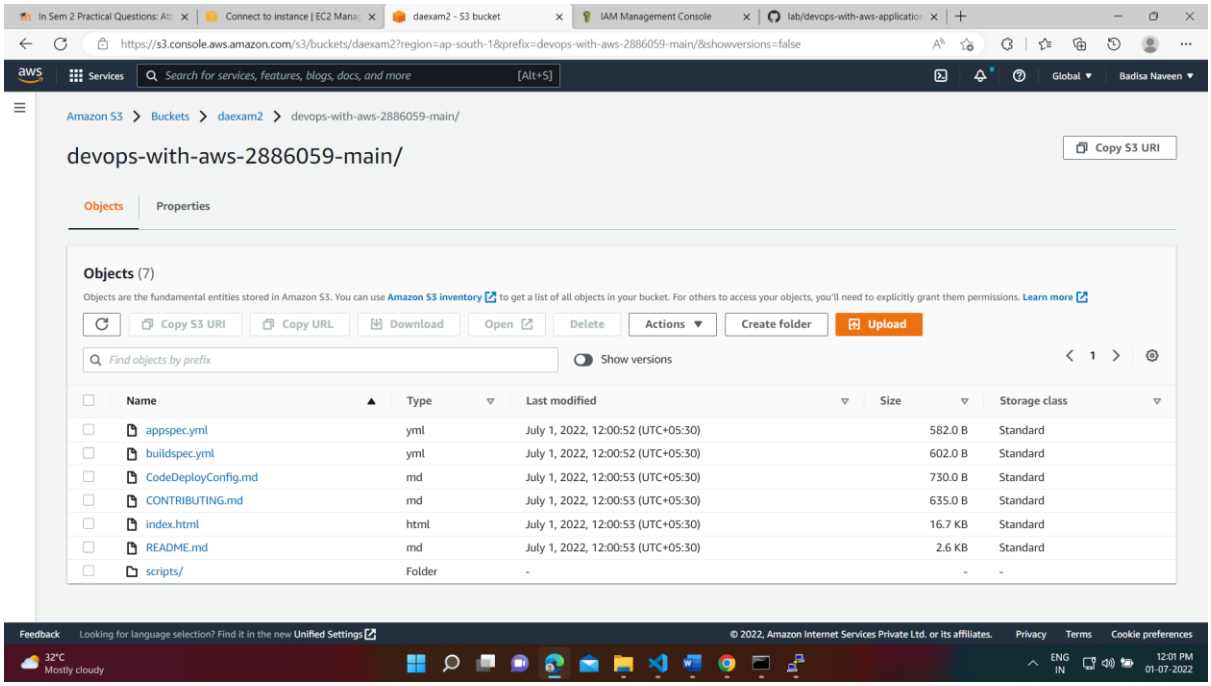


Step9: create a s3 bucket and enable the versioning using cli

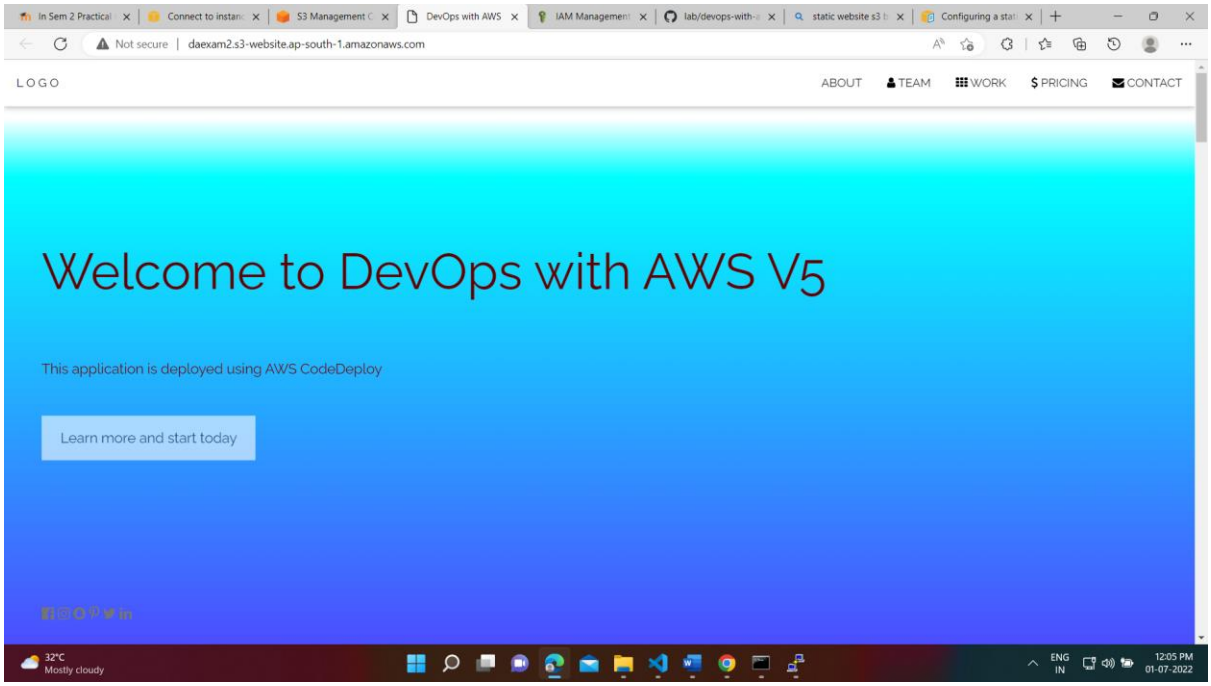
Step10: check bucket is created or not



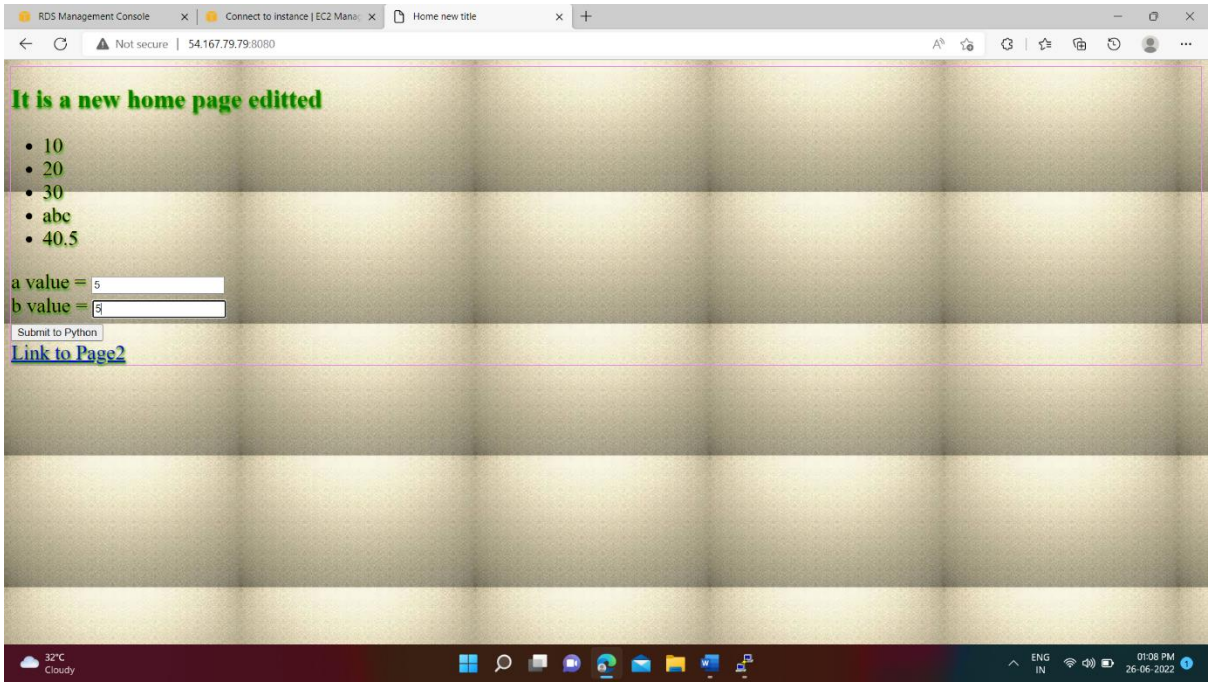
Step11: upload files to s3

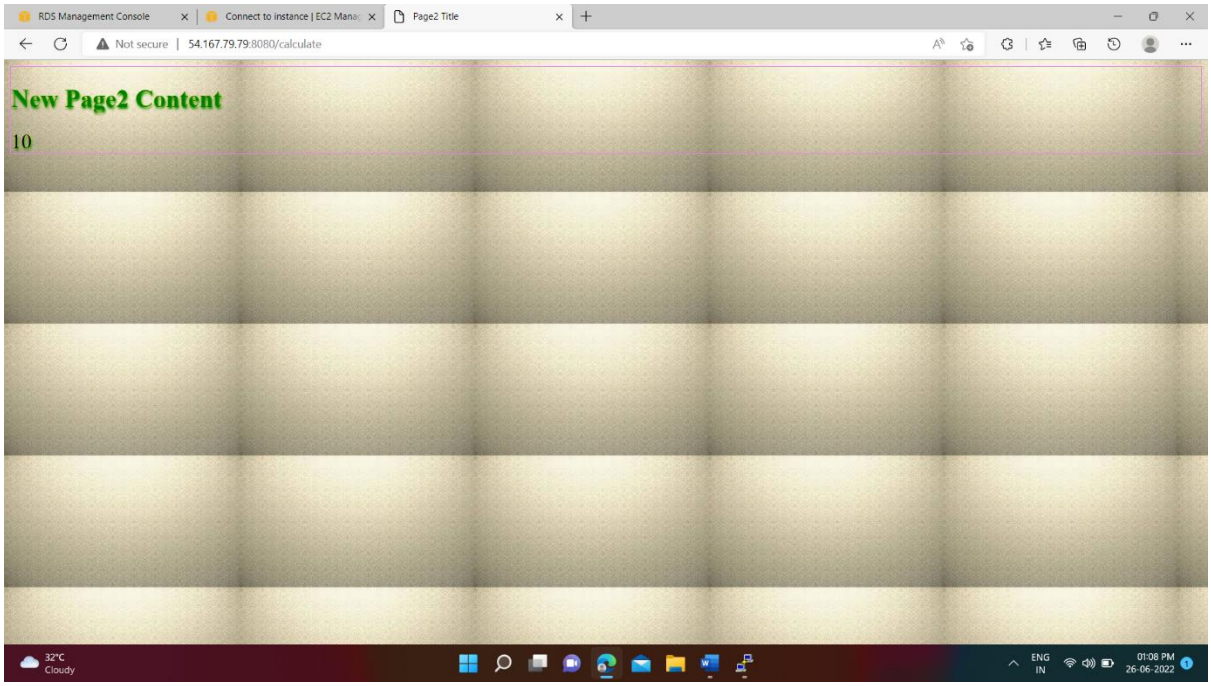


Step12: enable public access and see the url



Step13: Upload the files from s3 to ec2 and browser with ipv4(I took already launched exam)





Conclusion:

1. CodeDeploy can deploy application content that runs on a server and is stored in Amazon S3 buckets
2. I transfer files from s3 to ec2
3. Launch the application ec2 and browser with ipv4 address