AWS S3 CREATION USING PYTHON BOTO3

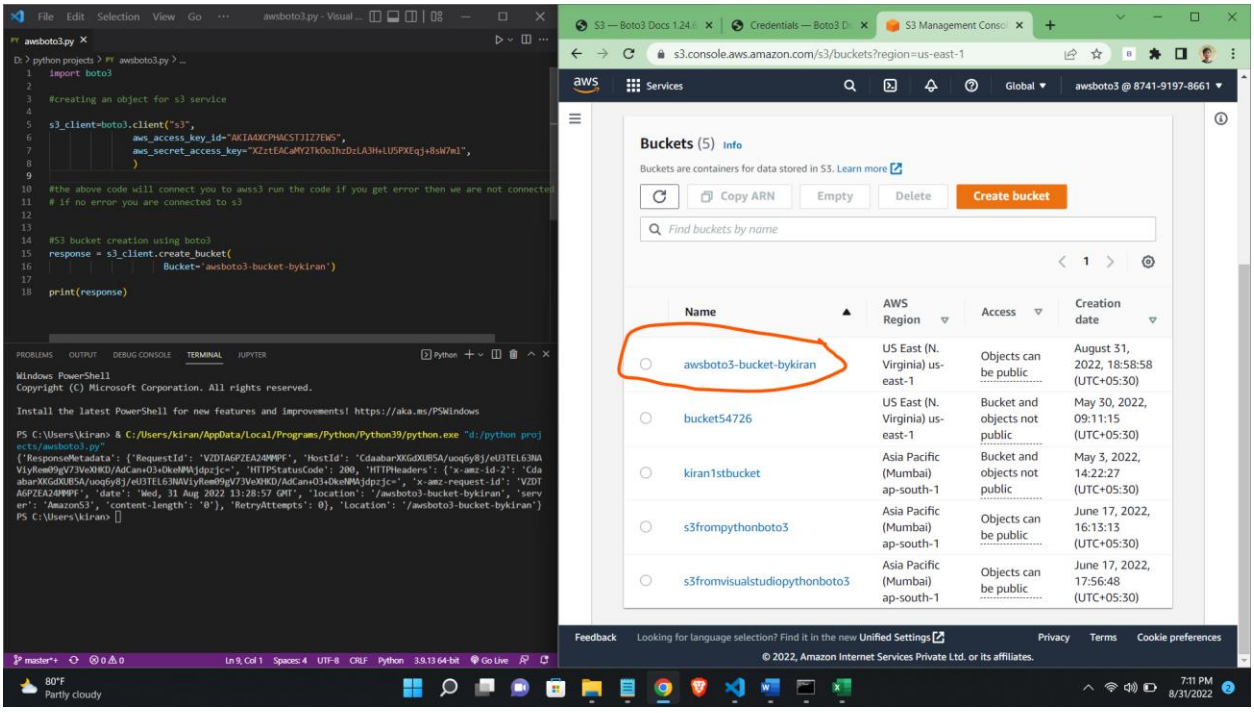
Pre-requisites

1. Python setup in your pc or laptop
2. Boto3 library installation
3. IAM user with Access Keys

Module

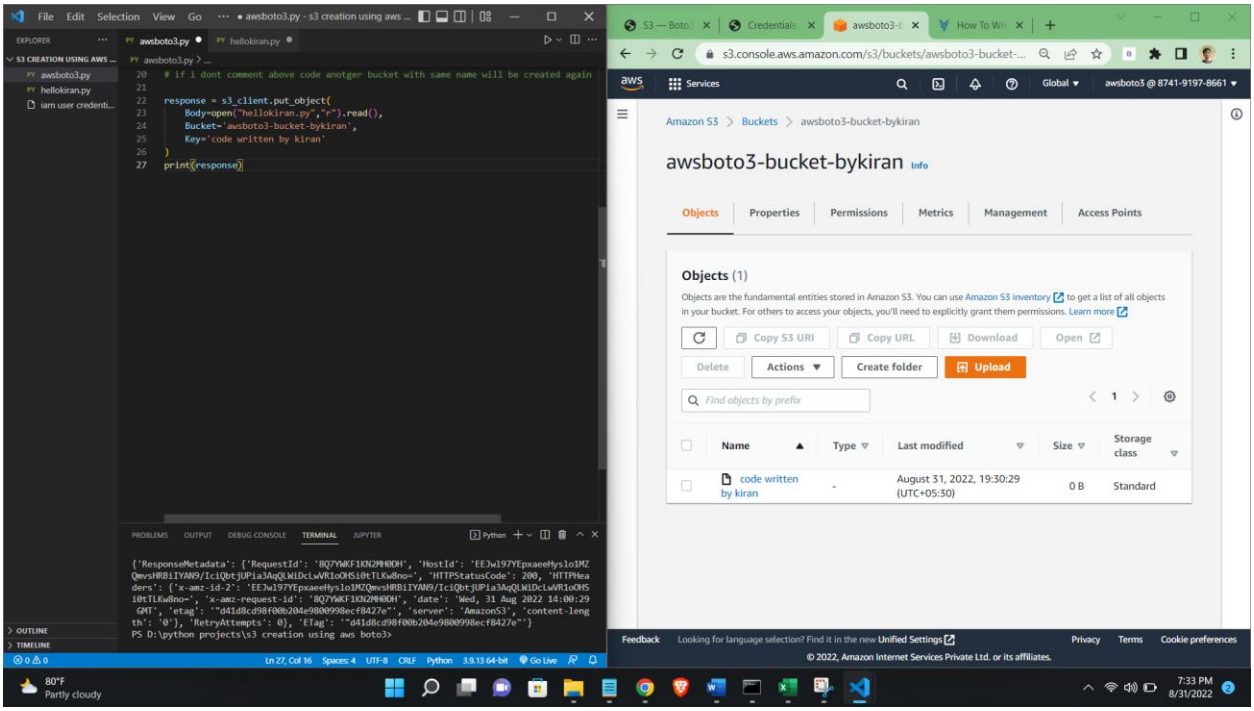
- Boto3

1.Bucket Creation



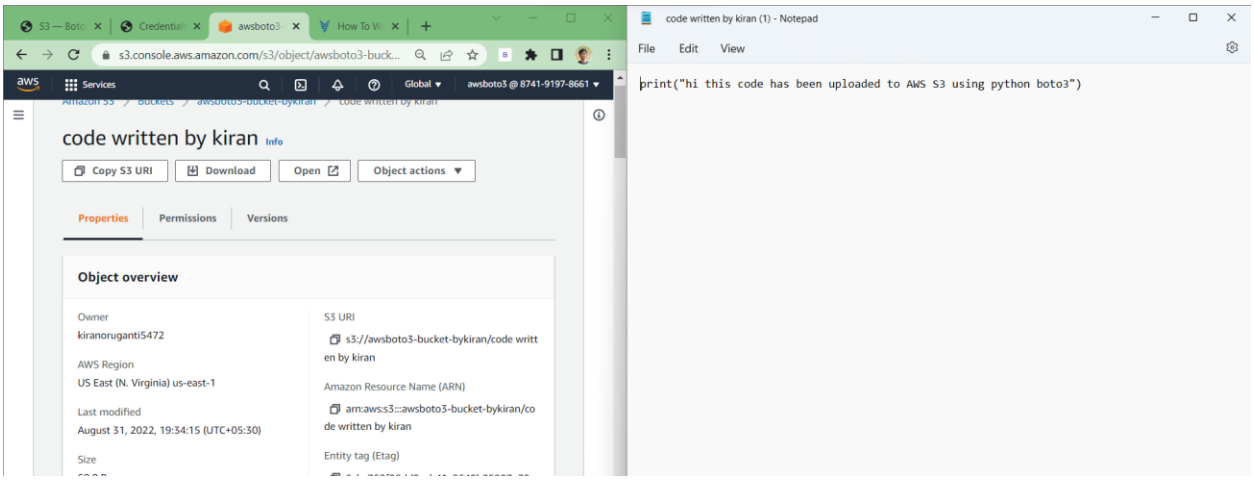
Bucket named “awsboto3-bucket-bykiran” has been created

2.Uploading file into AWS s3 using boto3



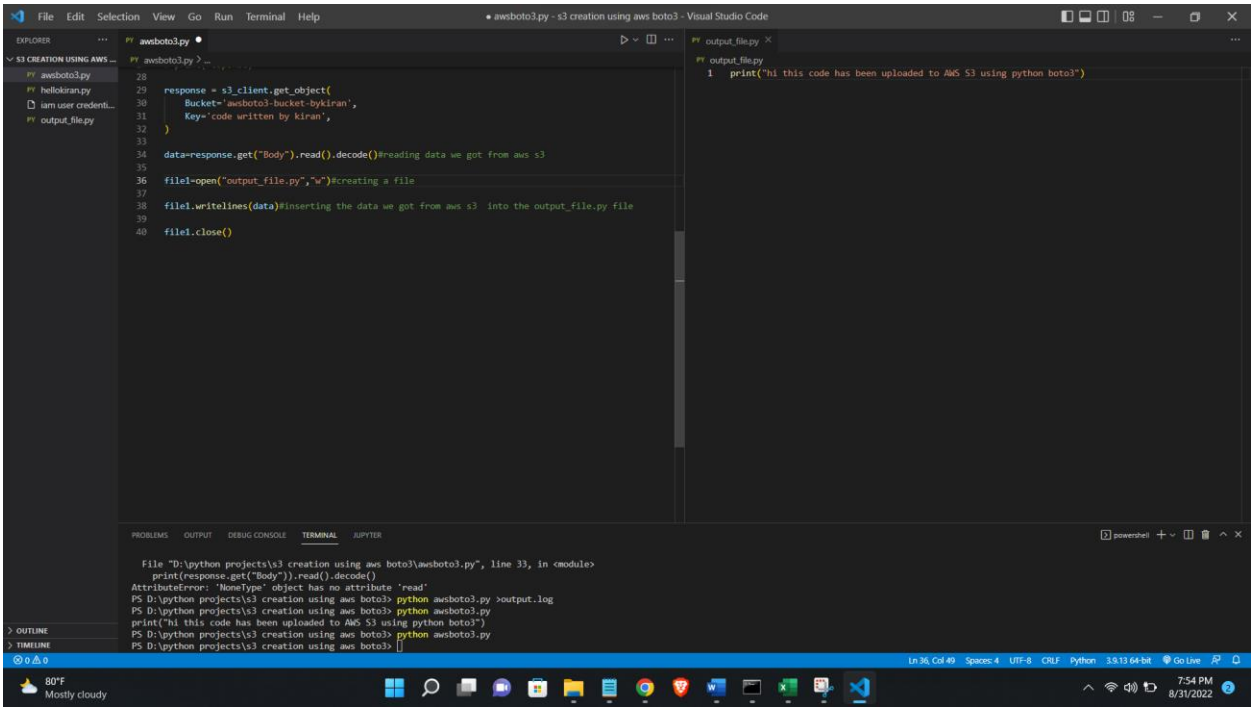
File has been uploaded. We have uploaded hellokiran.py file into our bucket

If you click on file and download or open it you can see the code you have written in hellokiran.py file code in it

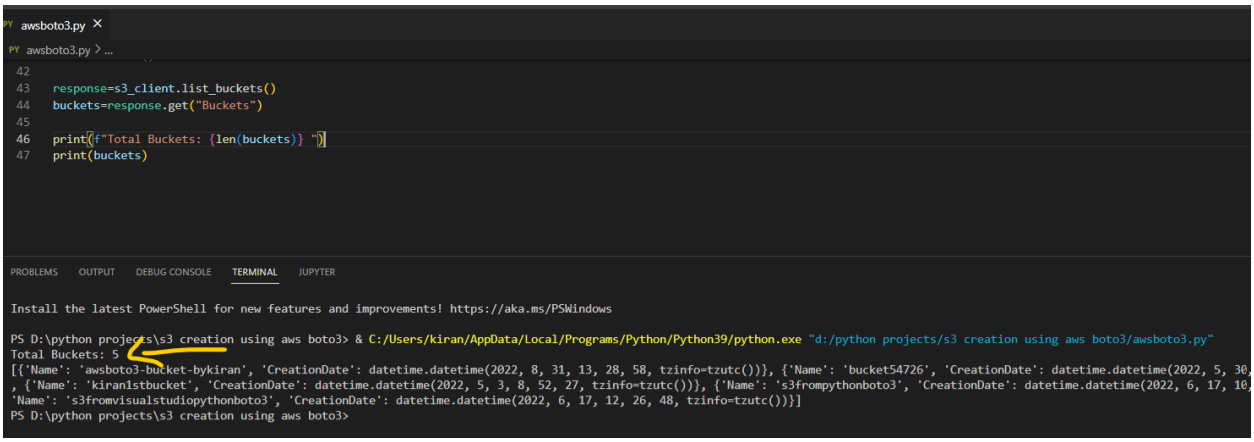


Like this we can upload number of files changing the body and key

3.Download a file to local system using python boto3

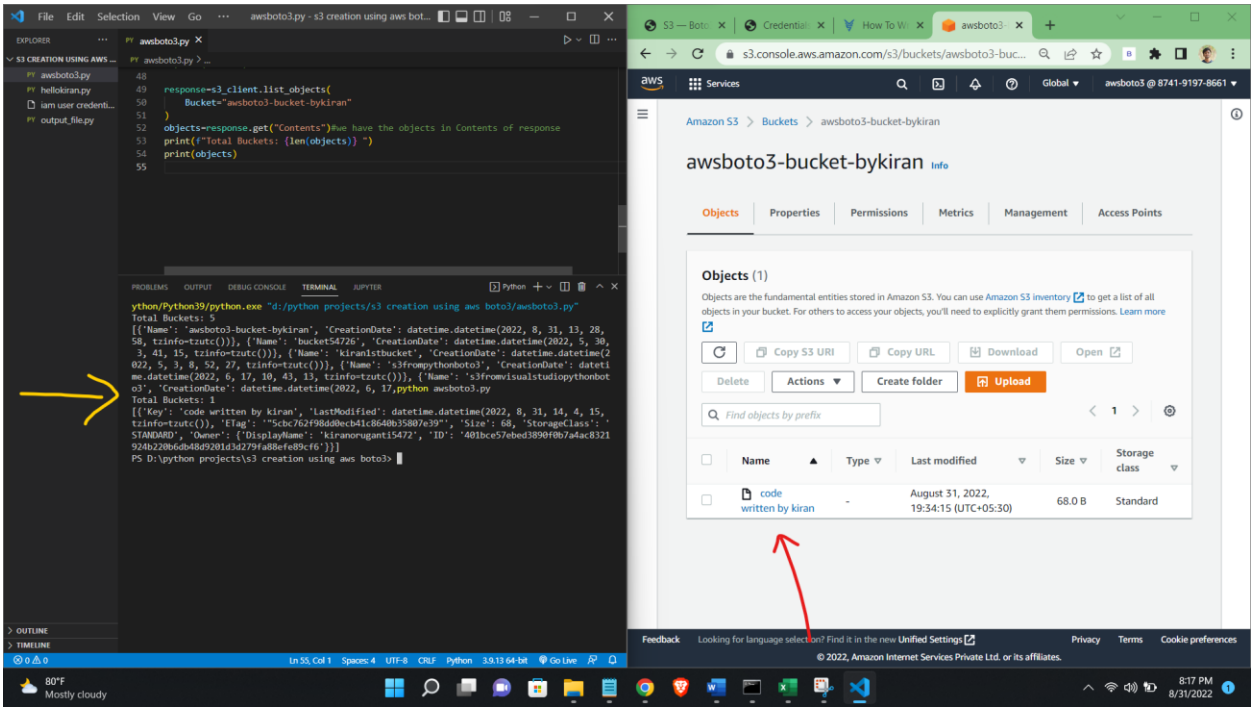


4.Listing all the buckets available in AWS S3



we have 5 buckets and we can also see the 5 buckets name

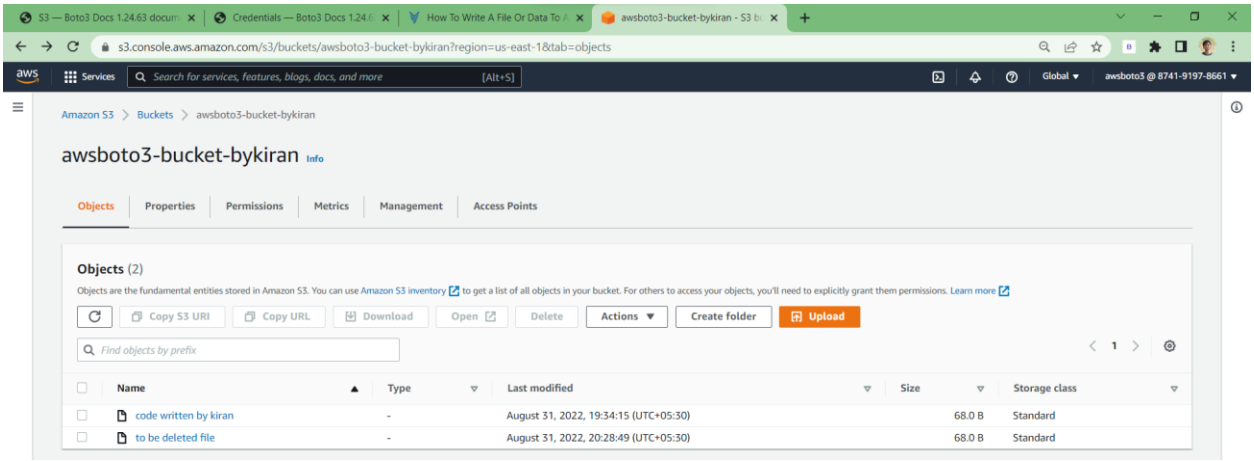
5.Listing objects or files in AWS S3



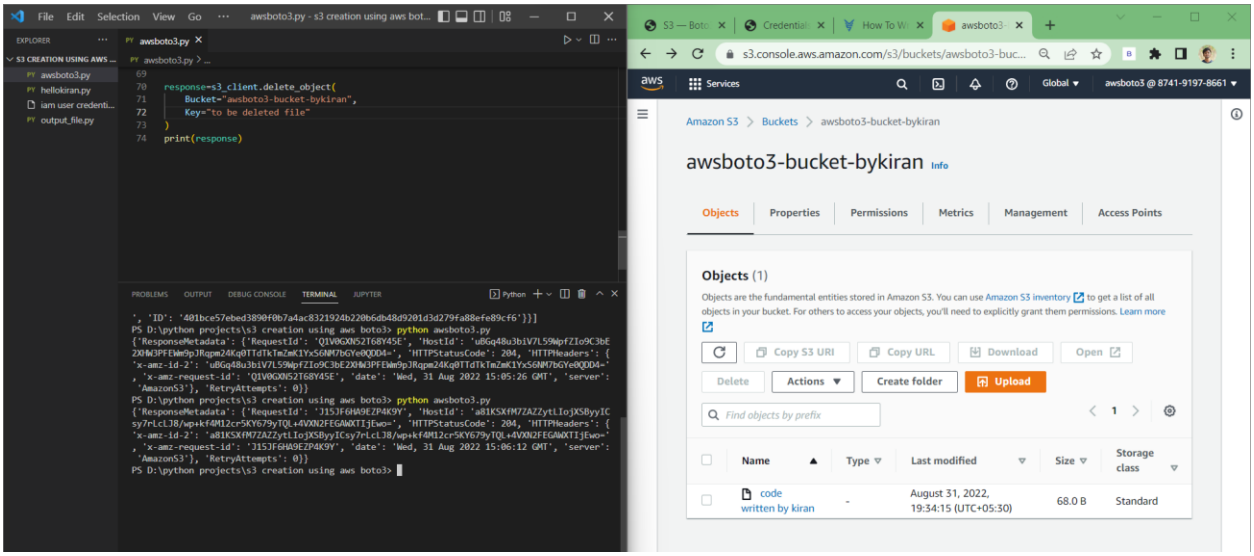
we have 1 object in our aws account and the code has shown it correctly with its name in key

6.Deleting object from AWS S3 using boto3

BEFORE

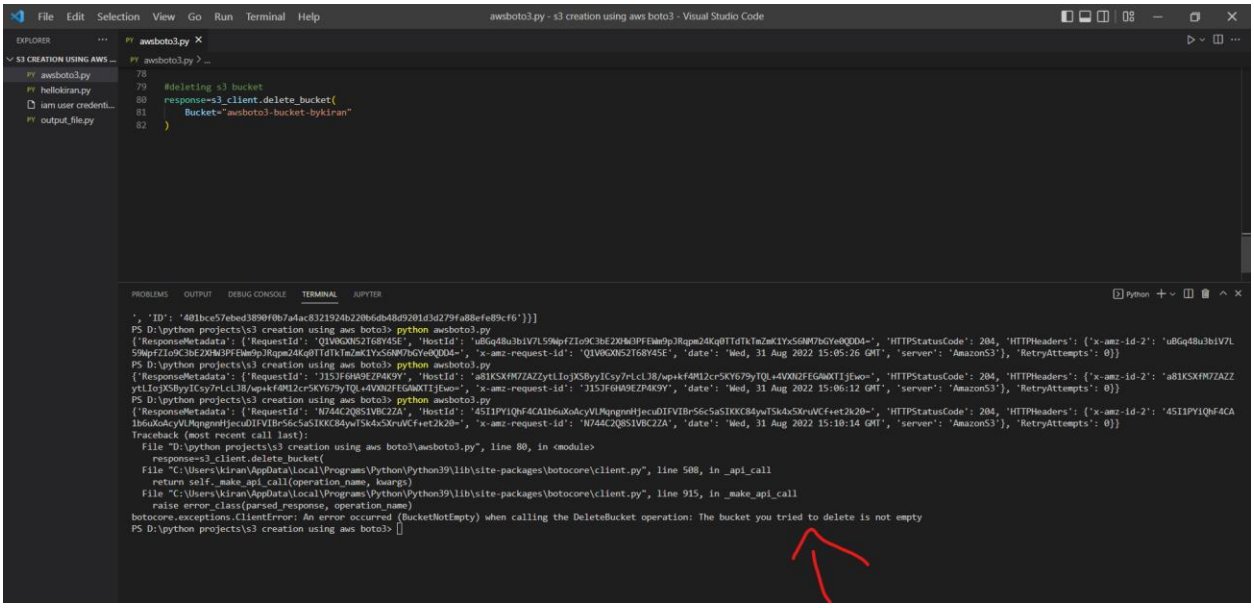


AFTER



As you can see the ”to be deleted” file has been deleted

6.Deleting S3 Bucket from AWS using boto3



As you can see I got an error that Bucket we tried is not empty.To delete the bucket we have to login to our AWS account and empty the bucket then only we can delete the bucket using programming. This is the restriction kept by AWS to ensure the users will not delete their bucket by mistakenly.