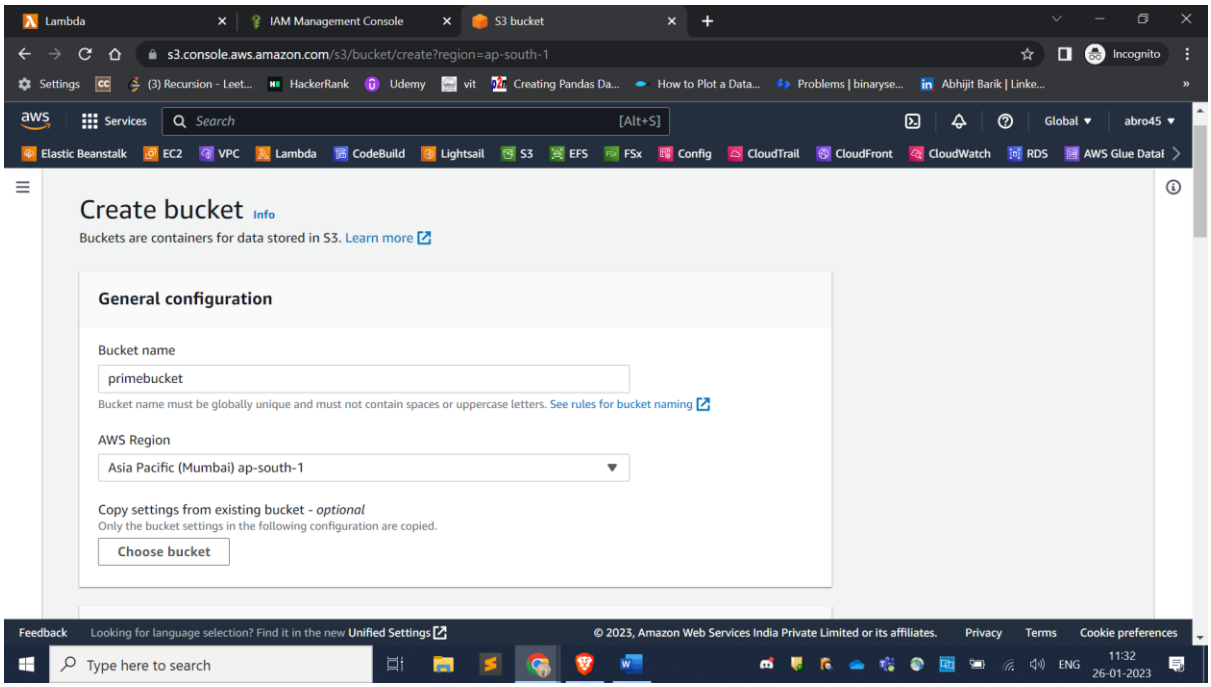
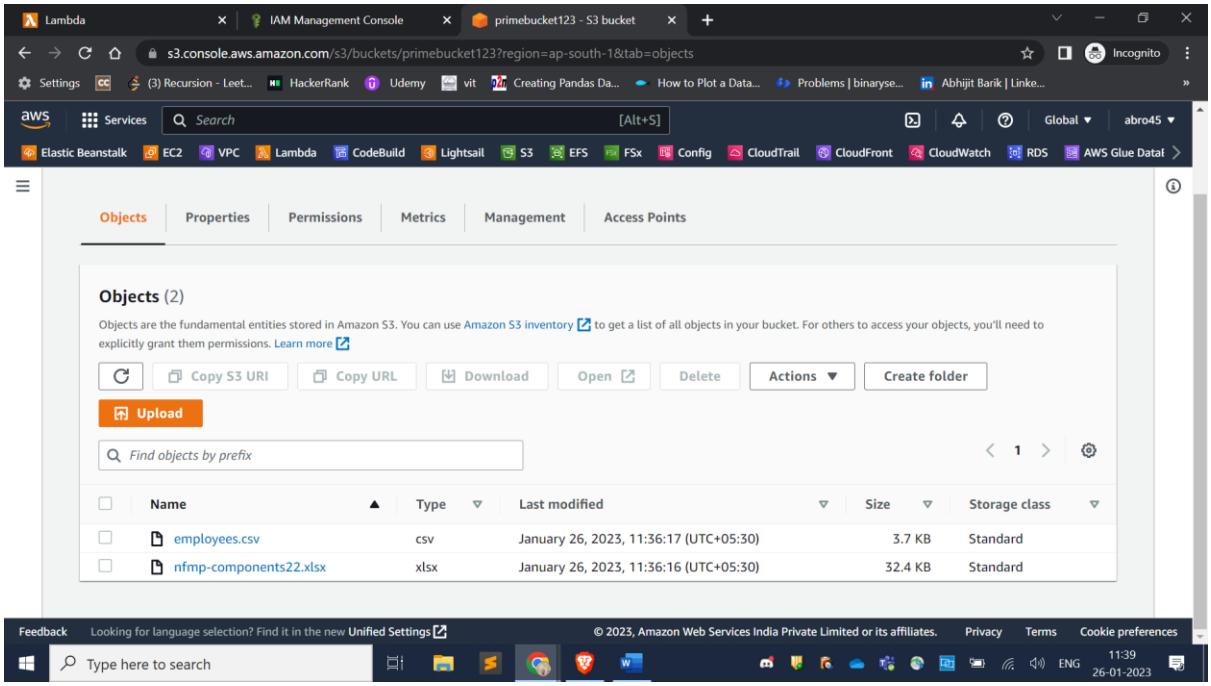
Access AWS s3 file from lambda using boto3

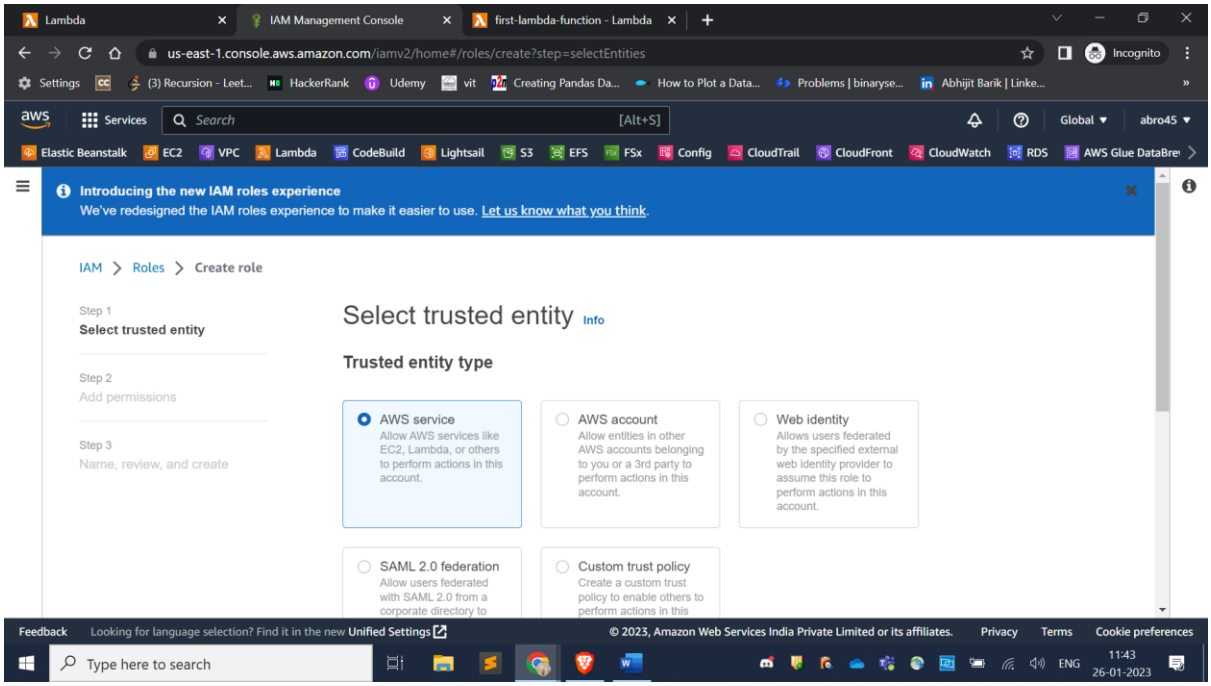
First create s3 bucket with all default settings



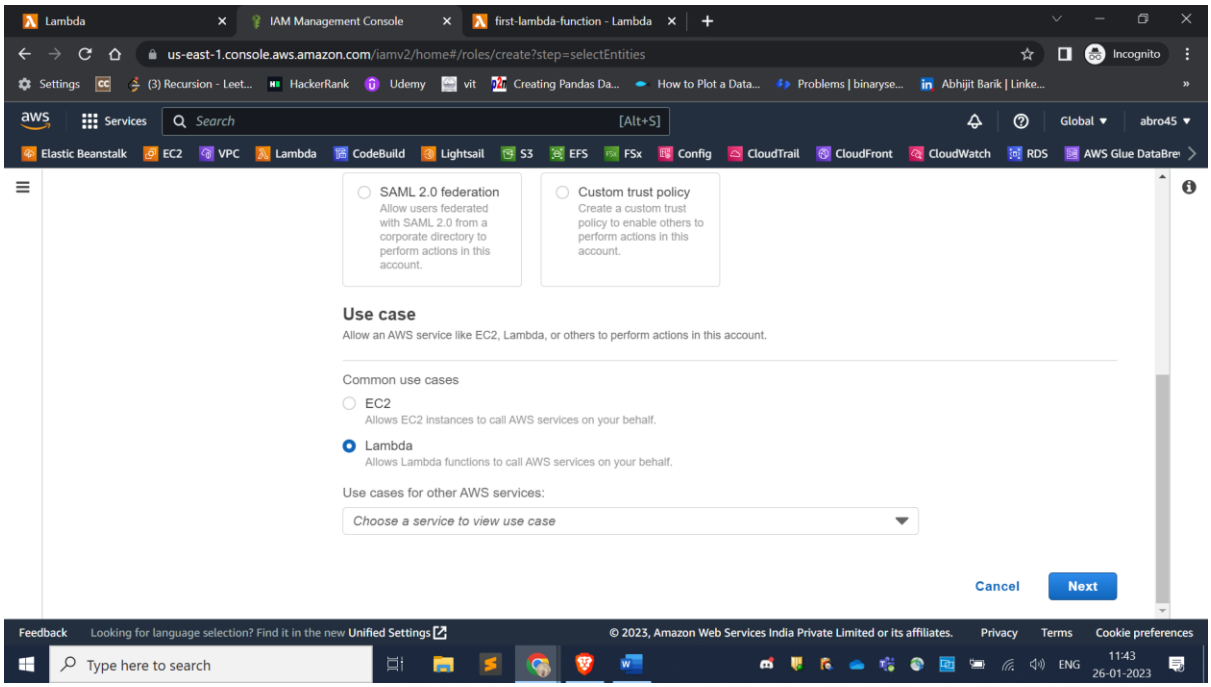
Then upload data into you into newly created bucket



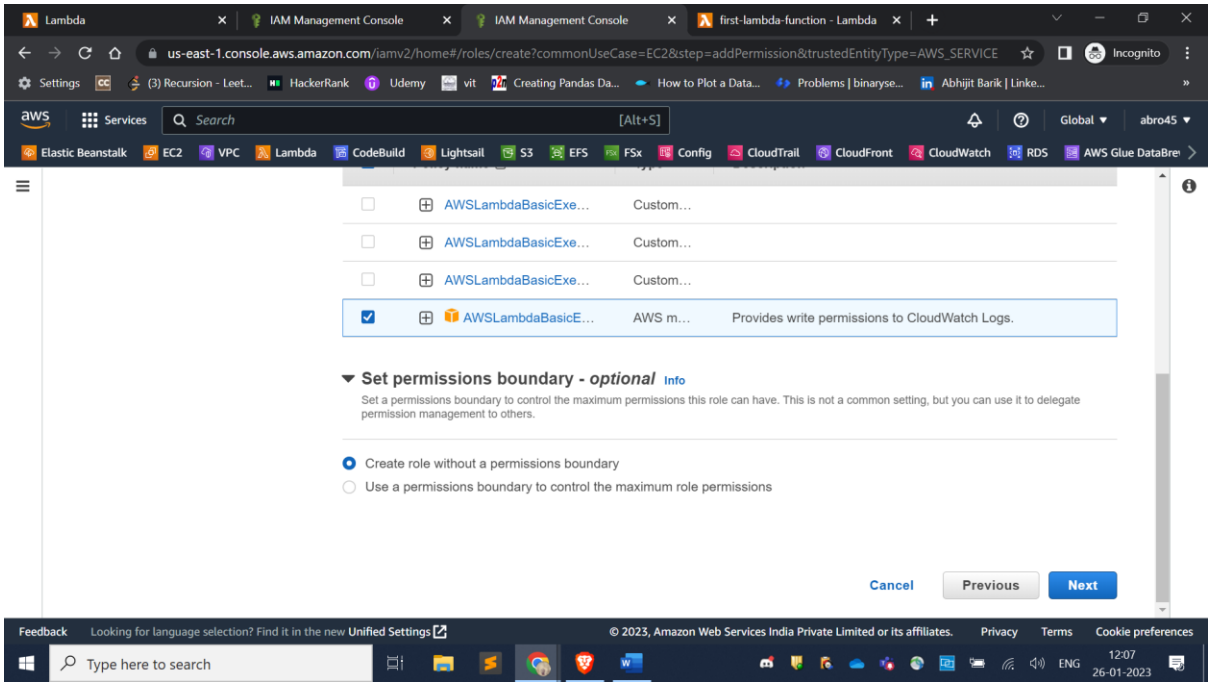
Then create IAM role



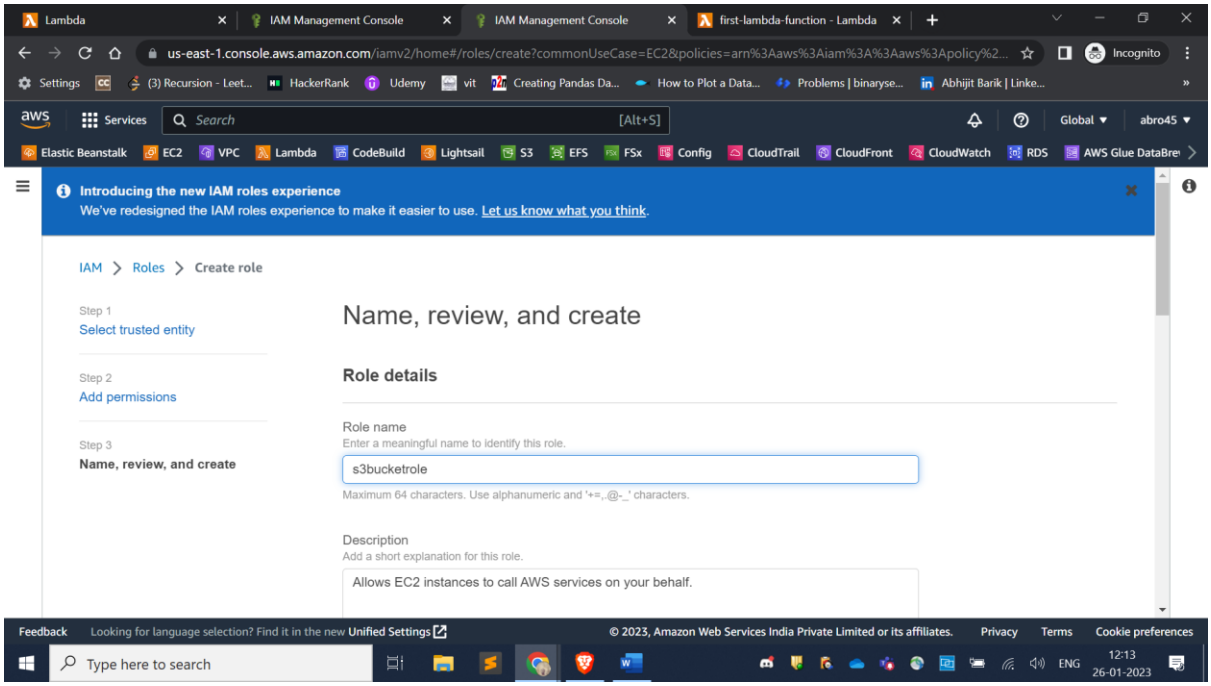
Use case type must be lambda as we are working on lambada



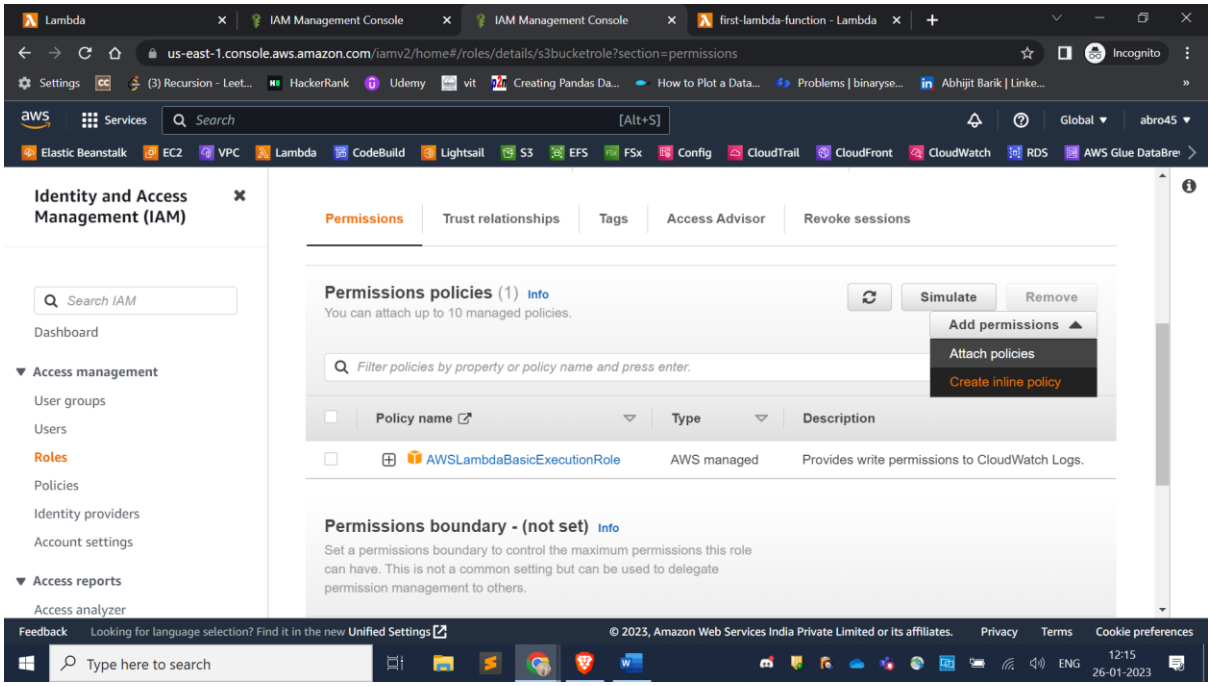
Then Select AWSLambdaBasicExecution policy



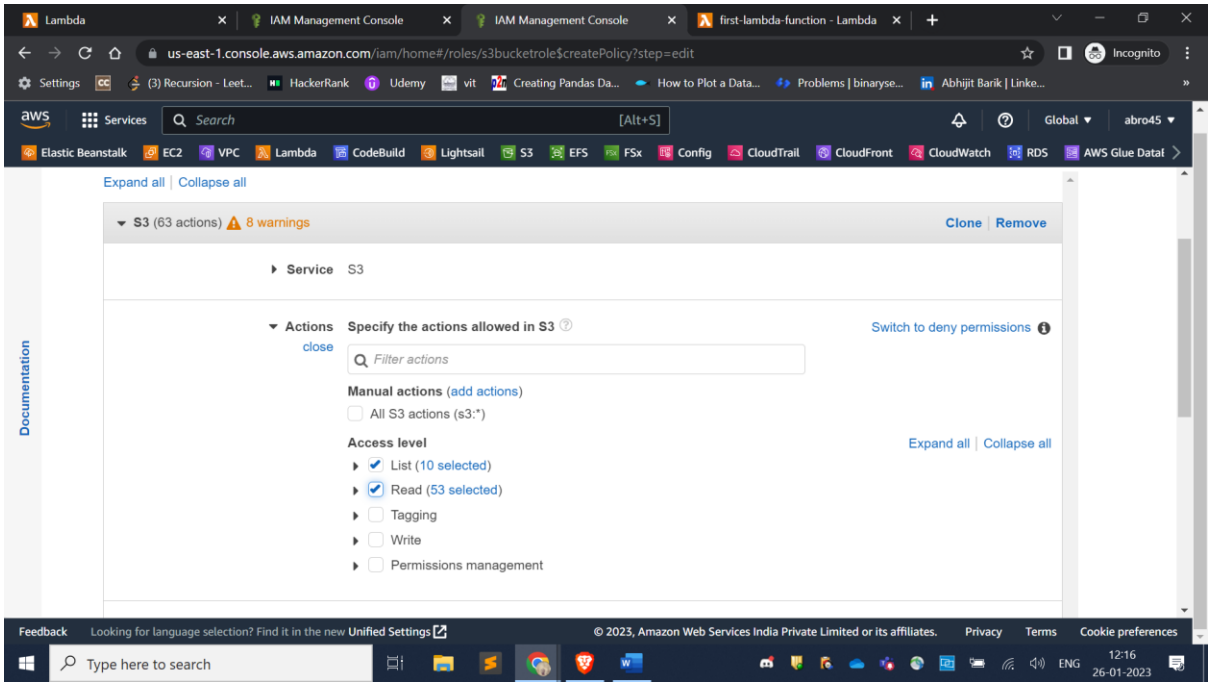
Then give assign a role name like s3bucketrole



Then click on to your newly created bucket role and create a inline policy

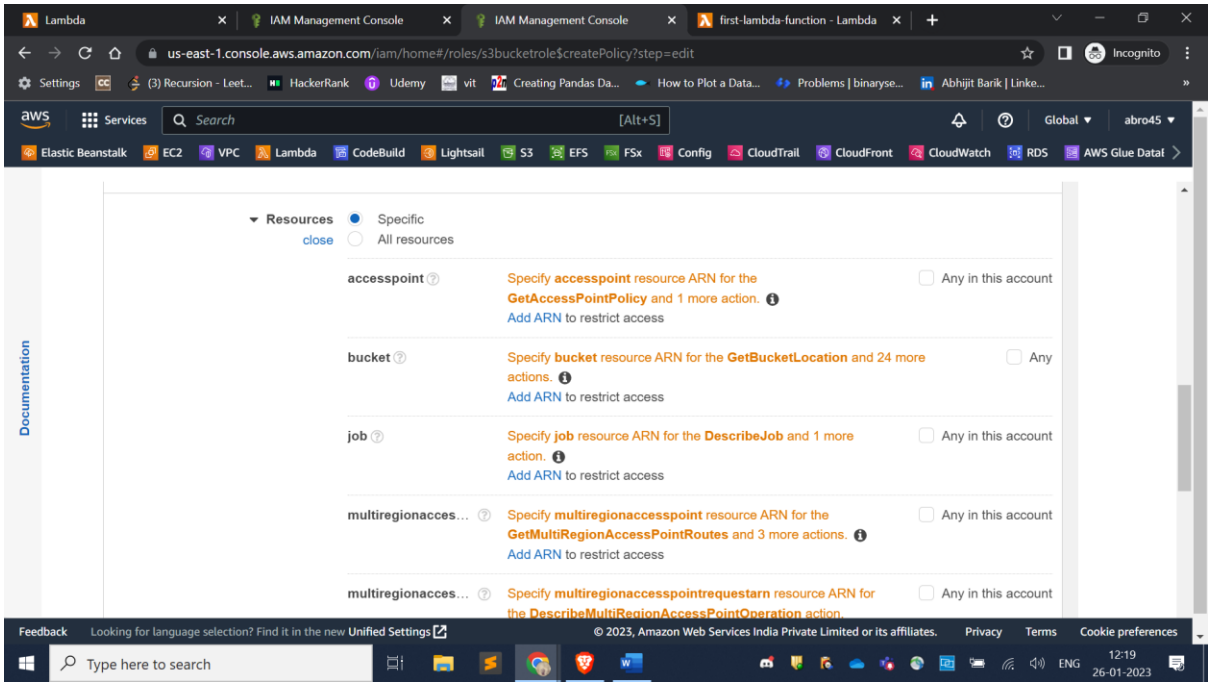


Then chose s3 in service section

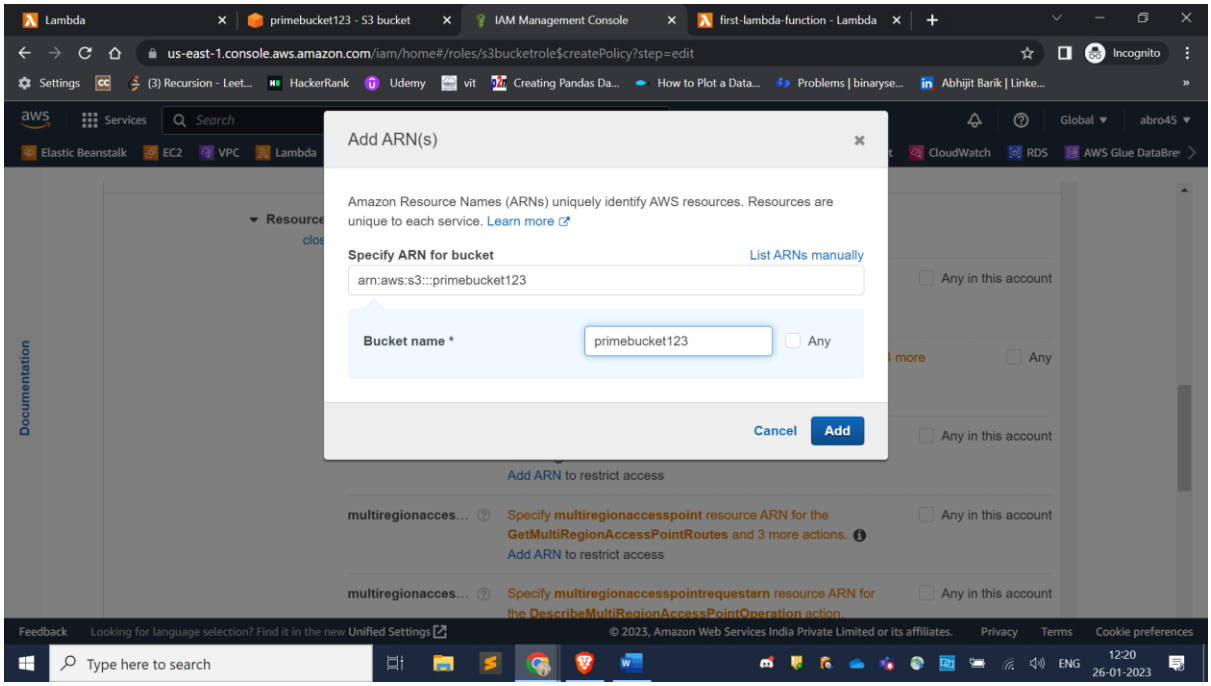


Then chose specific in resource section

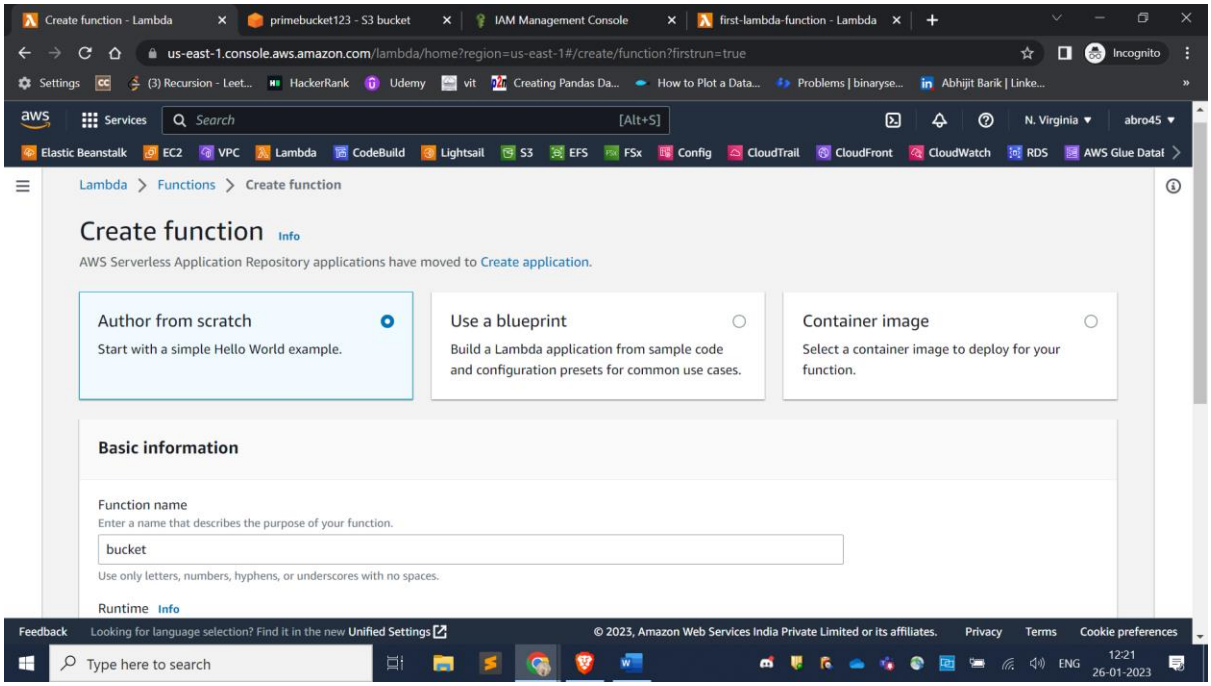
Then click add ARN in bucket section



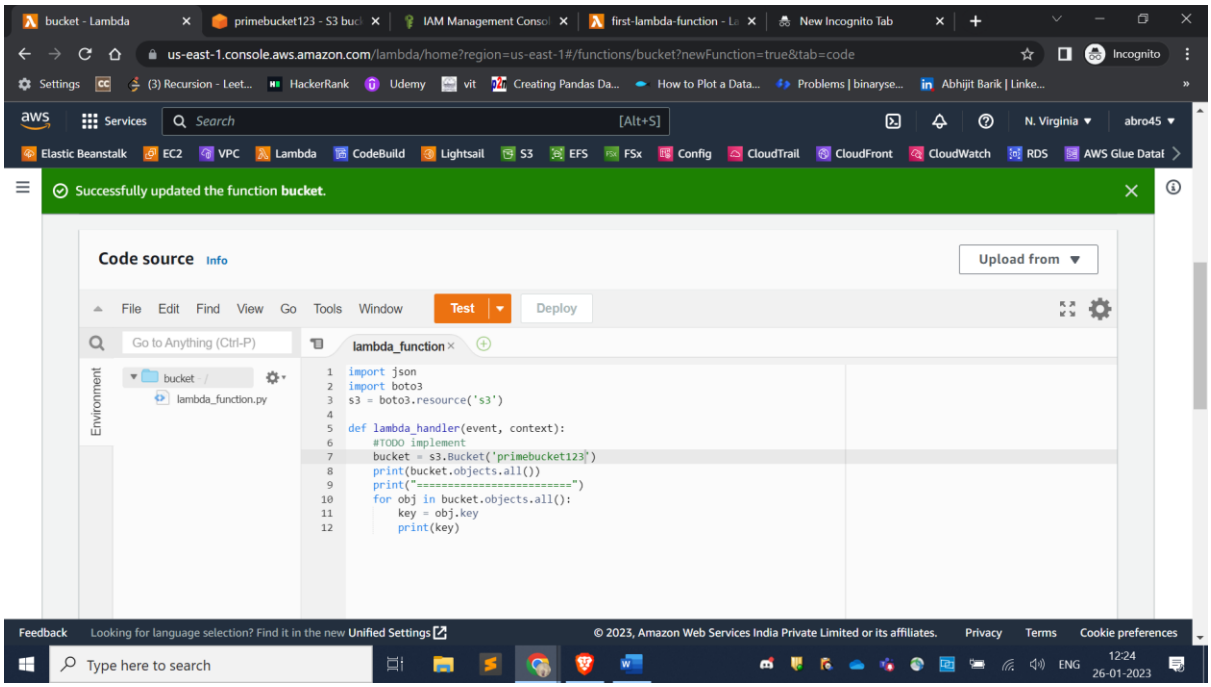
Put your bucket name add ARN option to get access of your bucket



Then create a lambda function from scratch using python runtime

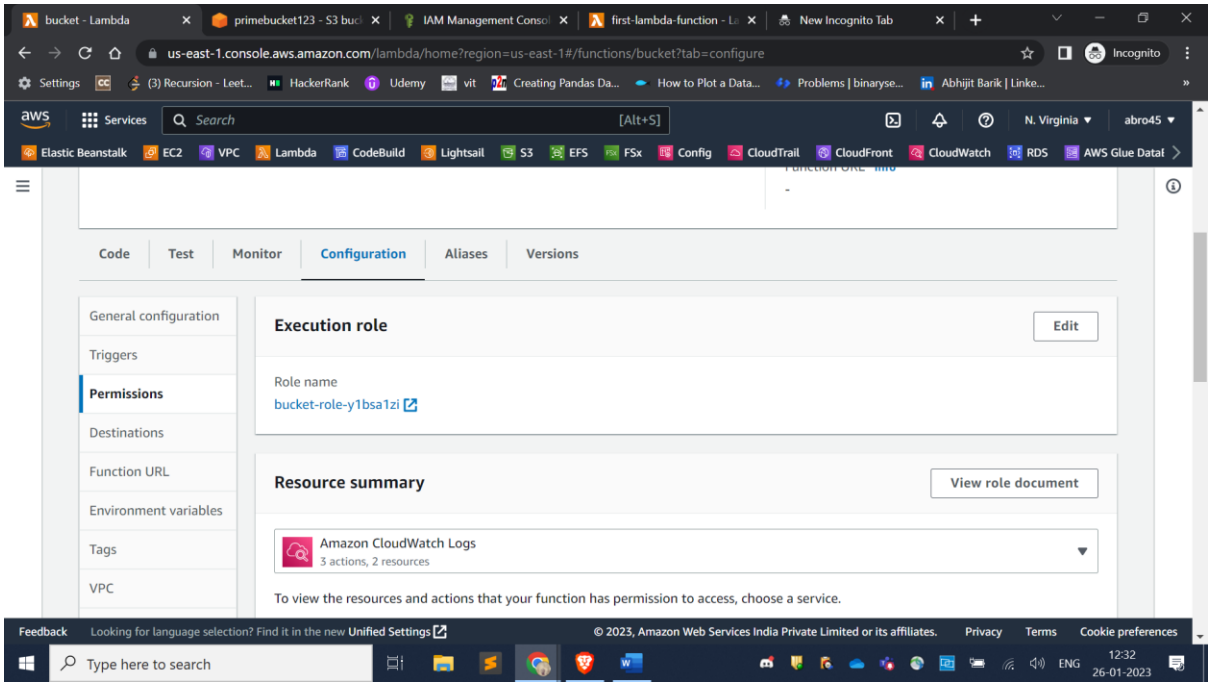


write this code snippet to get file name from s3 bucket

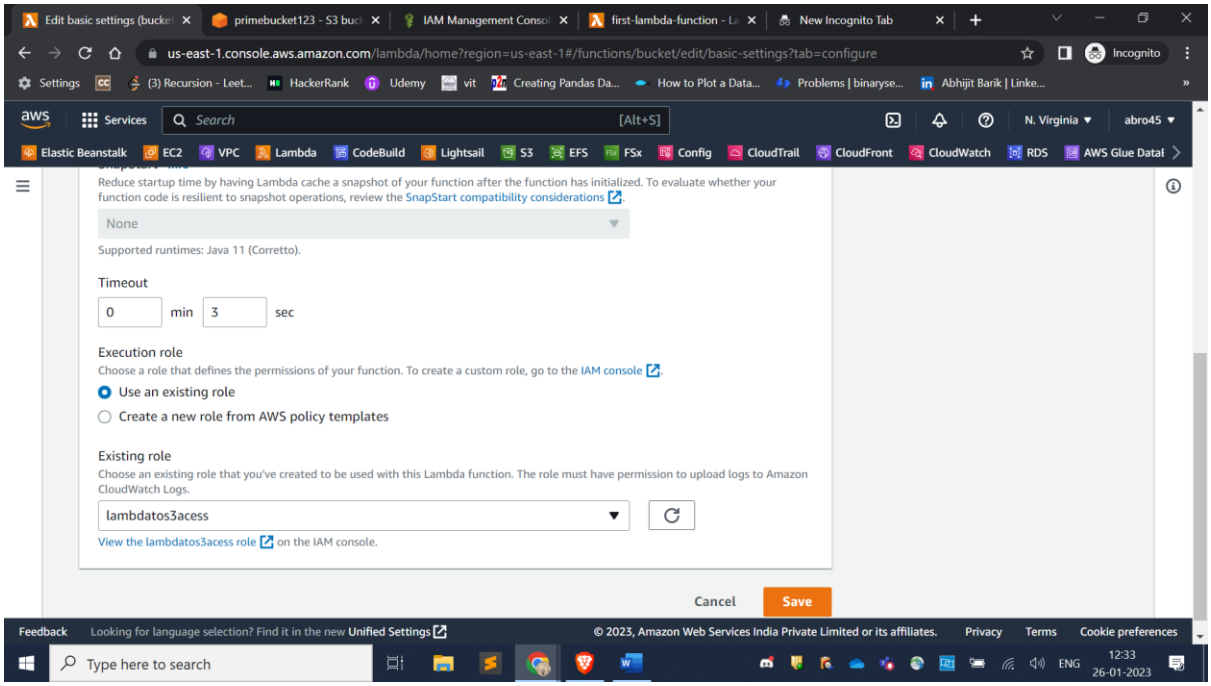


After writing code just deploy it.

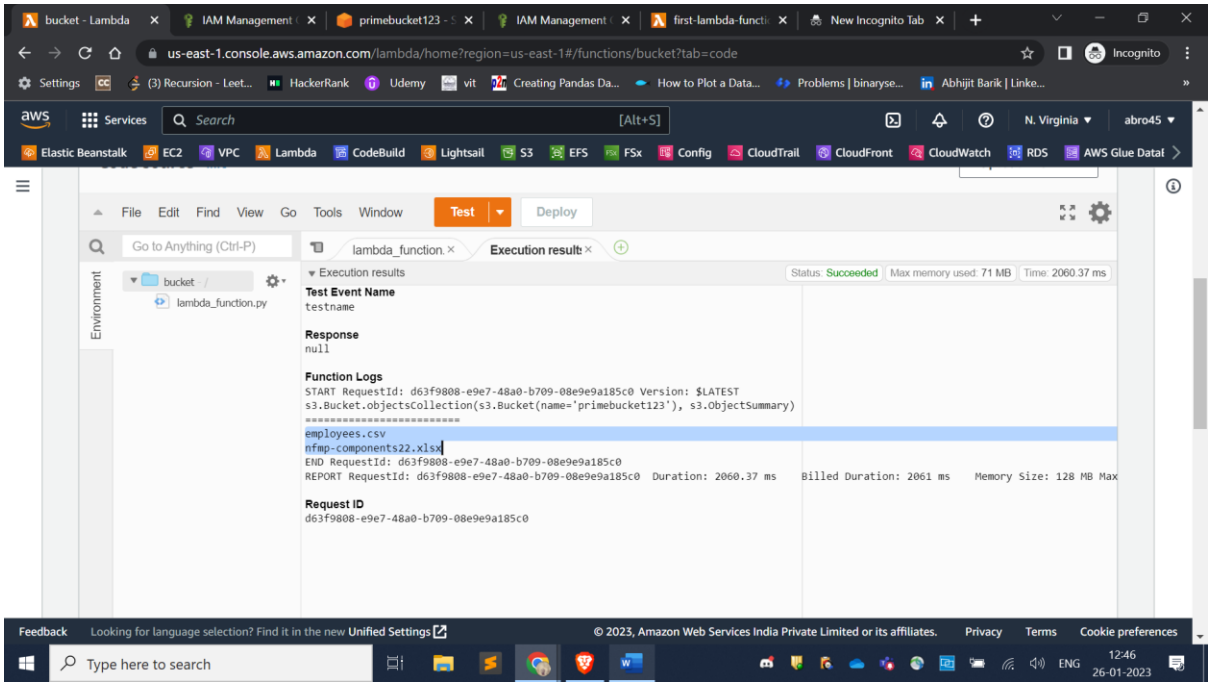
Then go to configure tab and edit execution role



Chose what role you created in IAM section and save it



Now you can test your lambda function


bucket - Lambda
IAM Management
primebucket123 -
IAM Management
first-lambda-functi
New Incognito Tab
us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/bucket?tab=code
Incognito
Settings
(3) Recursion - Leet...
HackerRank
Udemy
vit
Creating Pandas Da...
How to Plot a Data...
Problems | binaryse...
Abhijit Barik | Linke...
aws
Services
Search
[Alt+S]
N. Virginia
abro45
Elastic Beanstalk
EC2
VPC
Lambda
CodeBuild
Lightsail
S3
EFS
FSx
Config
CloudTrail
CloudFront
CloudWatch
RDS
AWS Glue Datat
File
Edit
Find
View
Go
Tools
Window
Test
Deploy
Go to Anything (Ctrl-P)
lambda_function
Execution result
Environment
bucket
lambda_function.py
Execution results
Status: Succeeded
Max memory used: 71 MB
Time: 2060.37 ms
Test Event Name
testname
Response
null
Function Logs
START RequestId: d63f9808-e9e7-48a0-b709-08e9e9a185c0 Version: $LATEST
s3.Bucket.objectsCollection(s3.Bucket(name='primebucket123'), s3.ObjectSummary)
==========
employees.csv
nfmp-components22.xlsx
END RequestId: d63f9808-e9e7-48a0-b709-08e9e9a185c0
REPORT RequestId: d63f9808-e9e7-48a0-b709-08e9e9a185c0 Duration: 2060.37 ms Billed Duration: 2061 ms Memory Size: 128 MB Max
Request ID
d63f9808-e9e7-48a0-b709-08e9e9a185c0
Feedback
Looking for language selection? Find it in the new Unified Settings
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26-01-2023