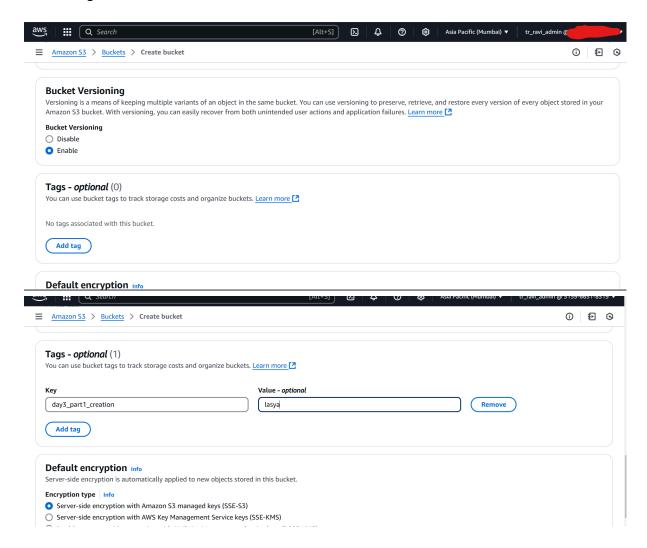
LAB ASSIGNMENTS 3: What is Amazon S3?

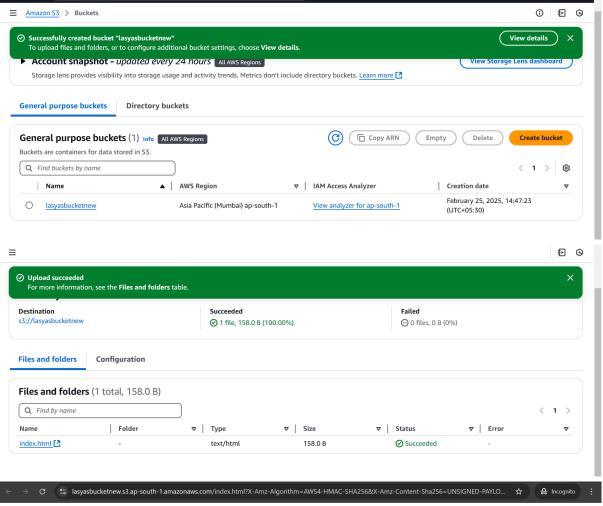
Simple Storage Service is a scalable and secure cloud storage service provided by Amazon Web Services (AWS).

It allows you to store and retrieve any amount of data from anywhere on the web.

Instruction:

- 1. Explore option with S3 bucket creation
- 2. create a bucket to put data and apply versioning over it
- 3. Explore S3 bucket policies
- 4. Write Spring boot application to intract with S3
- 5. Install AWS CLI and create and access s3 from your terminal
- 1. Explore option with S3 bucket creation and create a bucket to put data and apply versioning over it





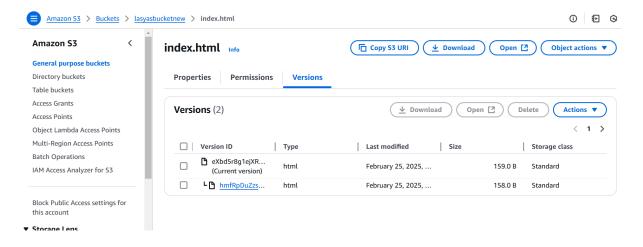
Hello from lasya v1

Uploaded another file



Hello from sreya v12

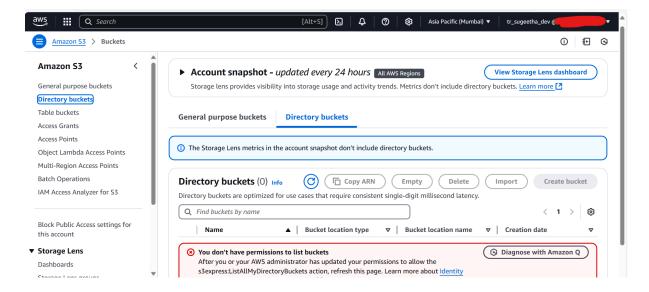
Versioning



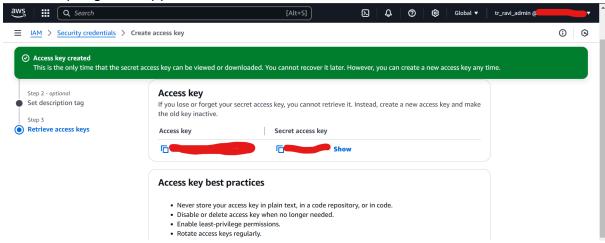
2.Explore S3 bucket policies Ravi has created —> bucket(lasyabucketnew)

```
"Version": "2012-10-17",
         "Id": "RestrictBucketToIAMUsersOnly",
         "Statement": [
              "Sid": "AllowOwnerOnlyAccess",
              "Effect": "Deny",
              "Principal": "*",
              "Action": "s3:*",
              "Resource": [
                "arn:aws:s3:::lasyasbucketnew/*",
                "arn:aws:s3:::lasyasbucketnew"
              "Condition": {
                "StringNotEquals": {
                   "aws:PrincipalArn": "arn:aws:iam::515966518319:user/tr_ravi_admin"
              }
                                                                                                                          (1) ₽ (9)
■ Amazon S3 > Buckets > lasyasbucketnew
 ⊘ Successfully edited bucket policy.
```

Sugeetha another iam user should be able to access

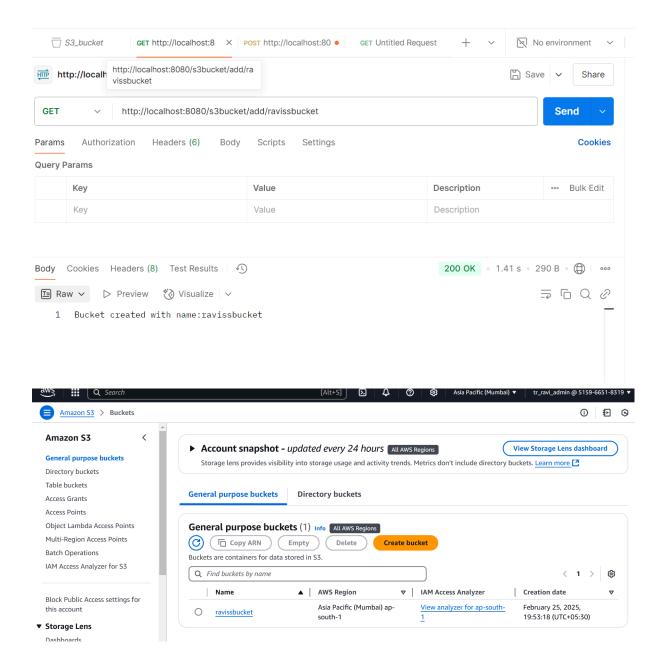


3. Write Spring boot application to intract with S3

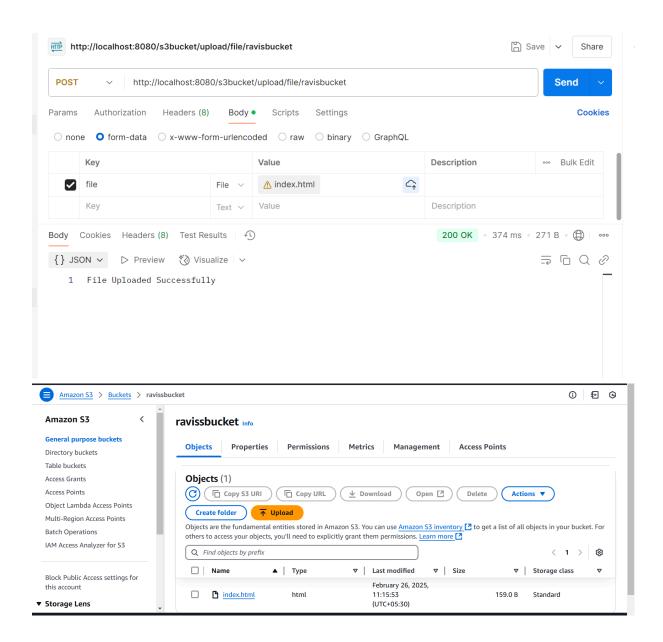


So to set up a quick link

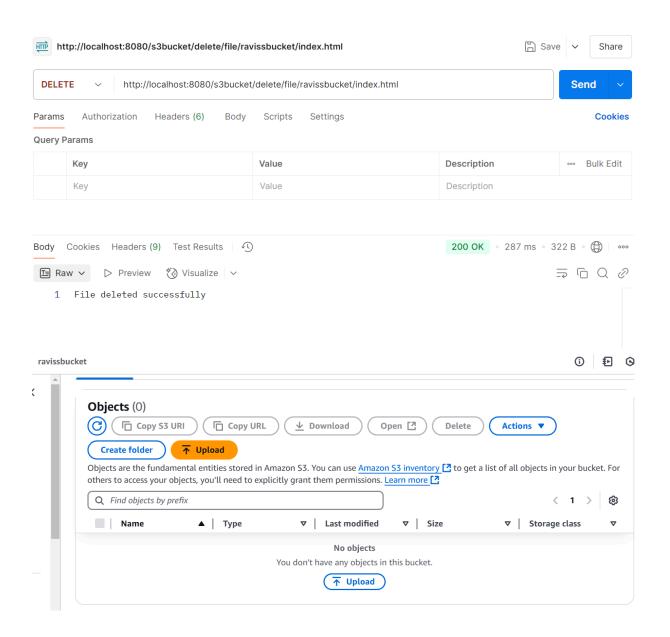
Creating a bucket



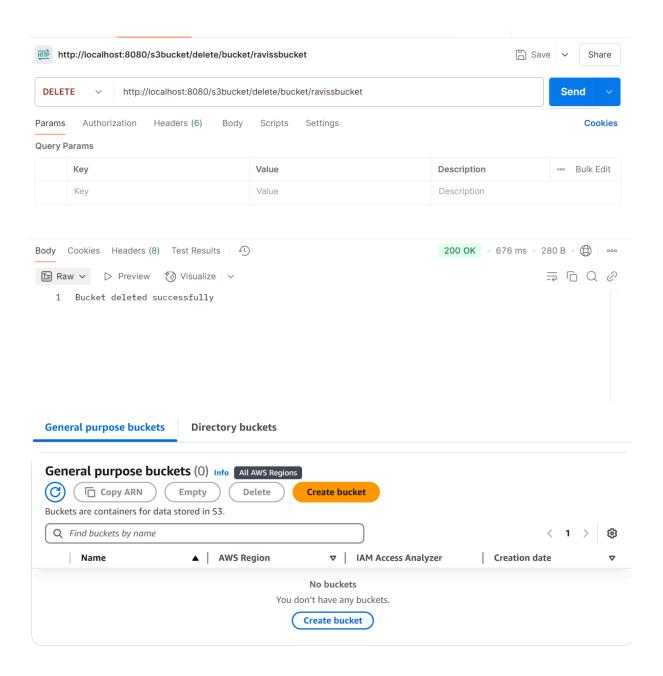
INSERTING INTO THE BUCKET



Deleting the file



Deleting the bucket



4.Install AWS CLI and create and access s3 from your terminal

```
C:\Users\lasya.talasila>aws --version
aws-cli/2.24.7 Python/3.12.6 Windows/11 exe/AMD64
C:\Users\lasya.talasila>
```

```
C:\Users\lasya.talasila>aws --version
aws-cli/2.24.7 Python/3.12.6 Windows/11 exe/AMD64

C:\Users\lasya.talasila>aws configure

AWS Access Key ID [None]:

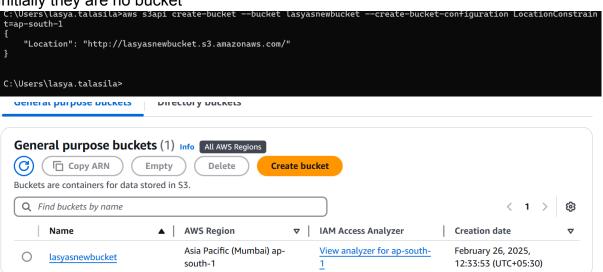
AWS Secret Access Key [None]:

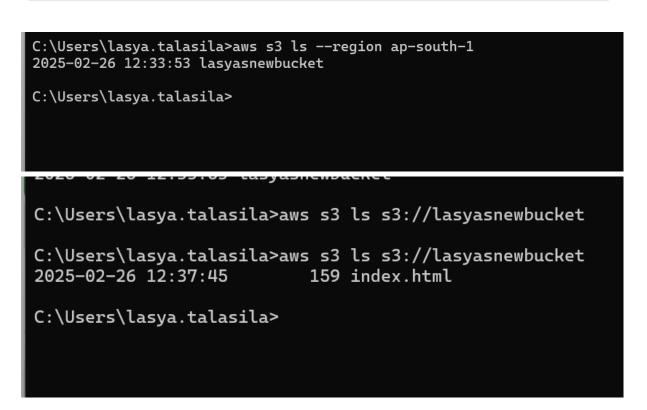
Default region name [ap-south-1]: ap-south-1

Default output format [None]: json

C:\Users\lasya.talasila>
```

Initially they are no bucket





C:\Users\lasya.talasila>aws s3 rm s3://lasyasnewbucket/index.html
delete: s3://lasyasnewbucket/index.html

C:\Users\lasya.talasila>aws s3 ls s3://lasyasnewbucket

C:\Users\lasya.talasila>