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----------------------------PRACTICAL 05----------------------------

Configure and set up S3 Bucket policy user-wise and role-wise for this organization.

Lab Overview:
This lab focuses on Amazon S3 or Amazon Simple Storage Service offered by Amazon Web Services which provides object storage through a web service interface. Amazon S3 uses the same scalable storage infrastructure that Amazon.com uses to run its global e-commerce network. You are required to accomplish the following task based on the scenarios as shown in the figure:
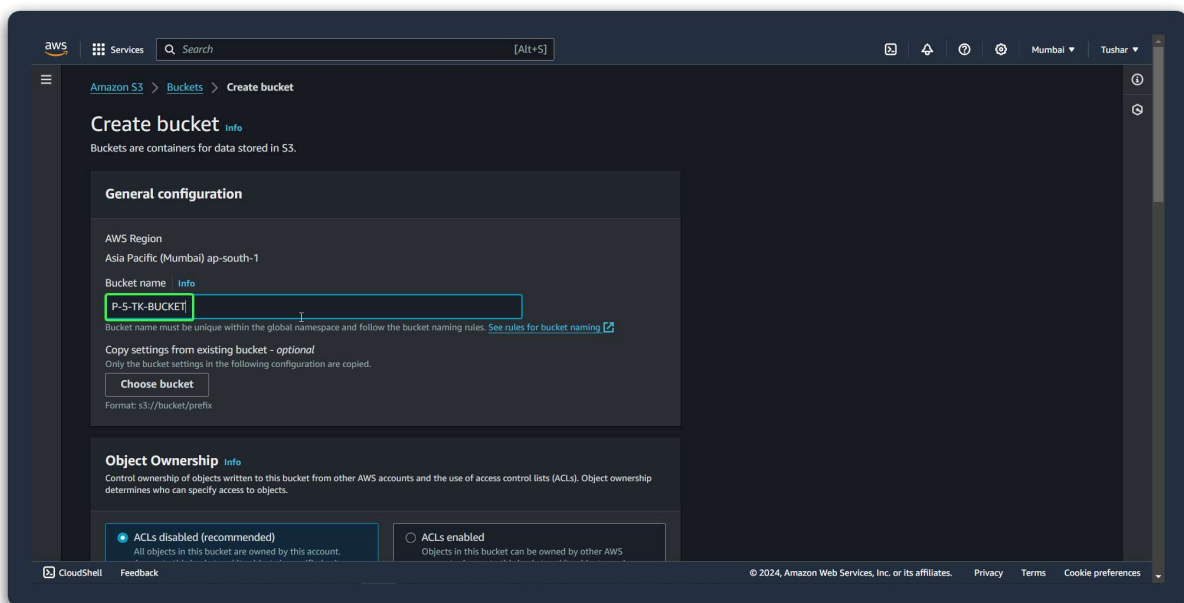
Refer to the lab scenario attached herewith.
Tasks to be completed:
1. Create the S3 bucket
2. Give the public access to S3 buckets
3. Host static HTML site from S3 buckets
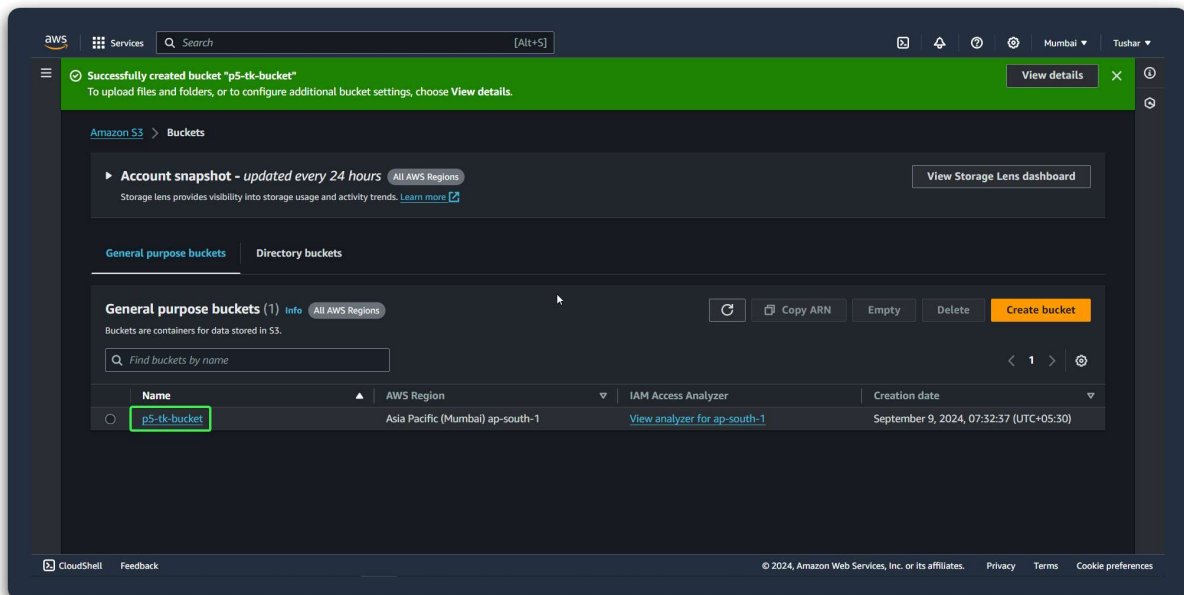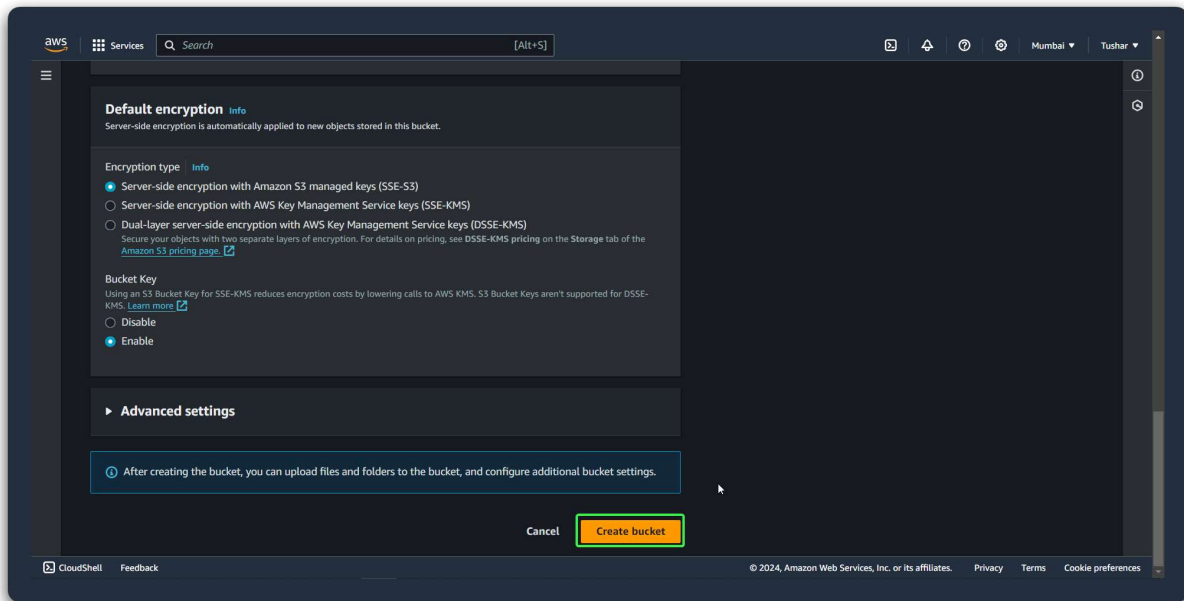**4. Enable Versioning and test it**

» First you have to create the Amazon S3 buckets.
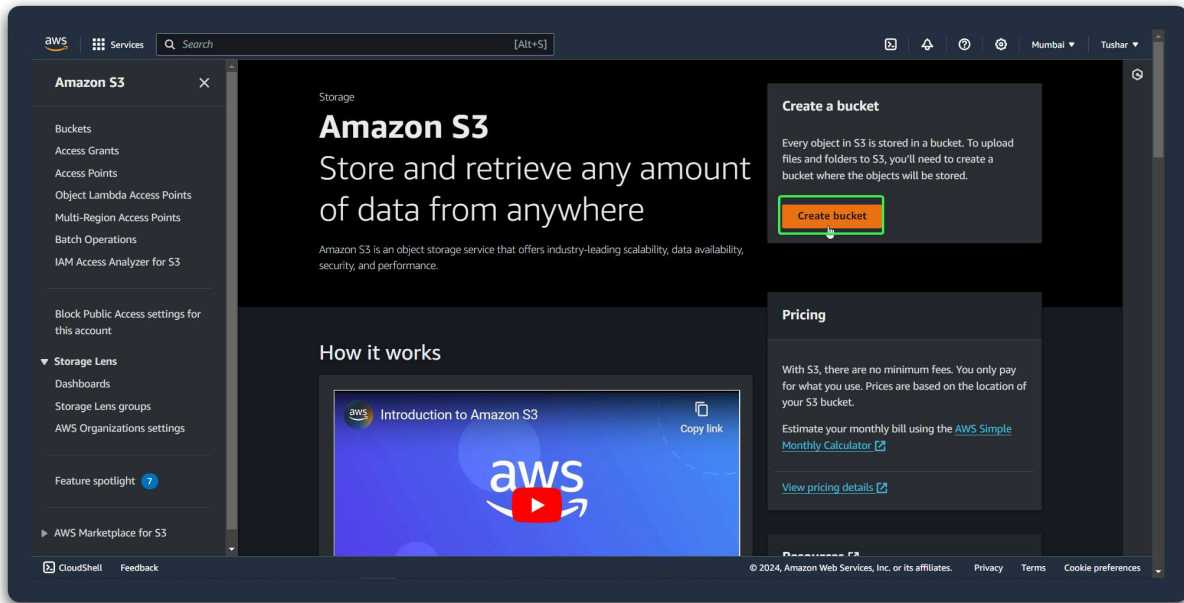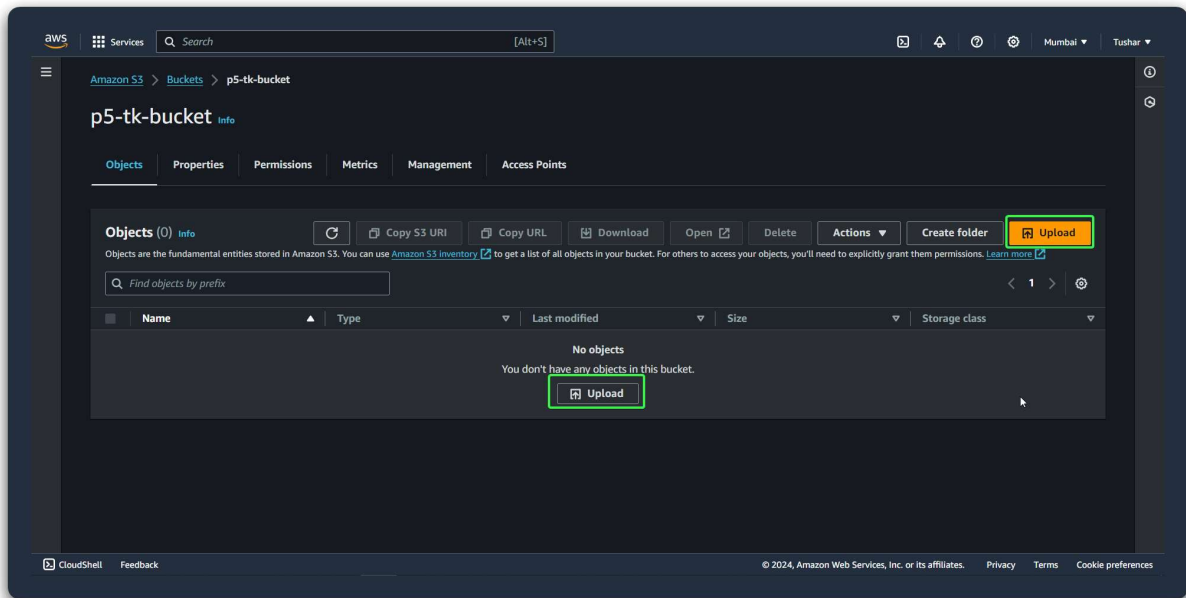

Give it a name and don't do other changes

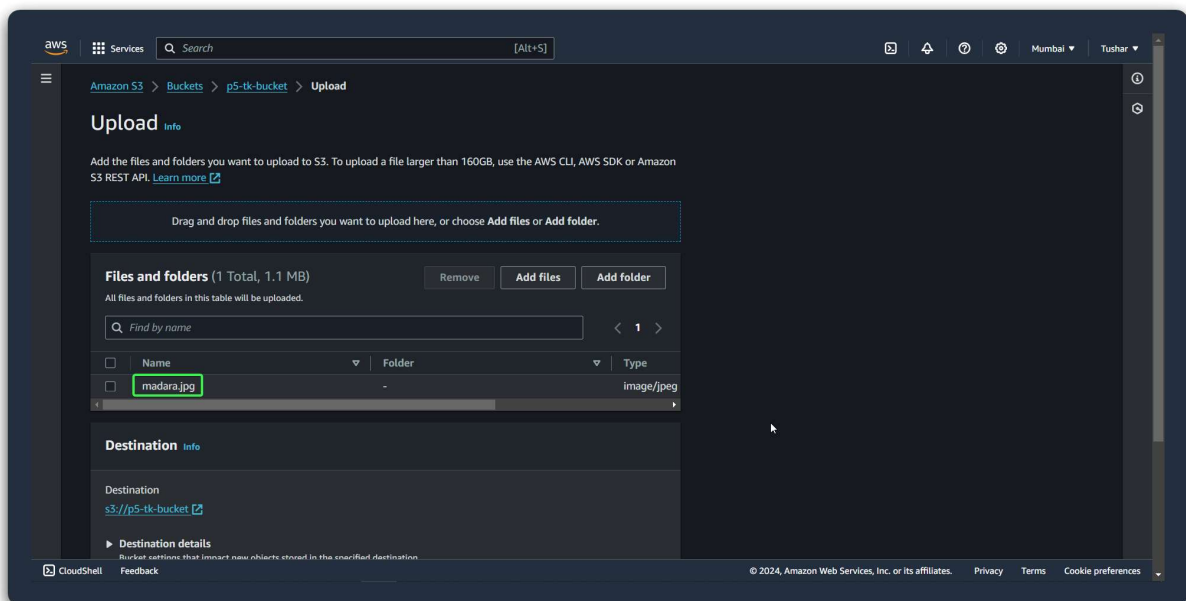Create the bucket without making any changes

As you can see above our bucket has been created successfully.
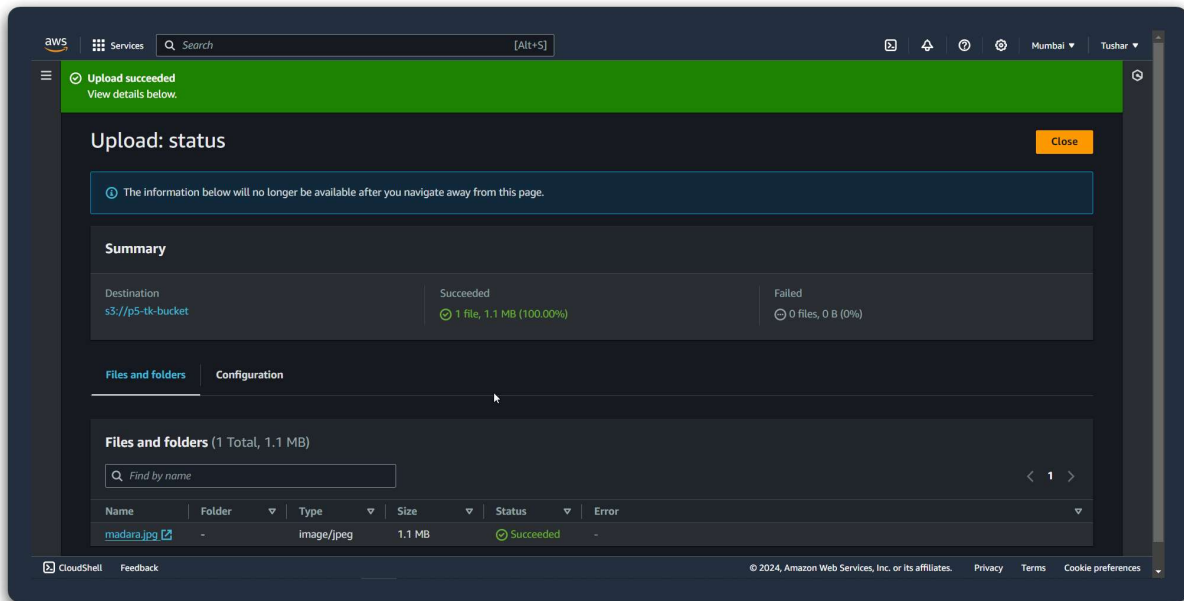
Now upload an image or any file
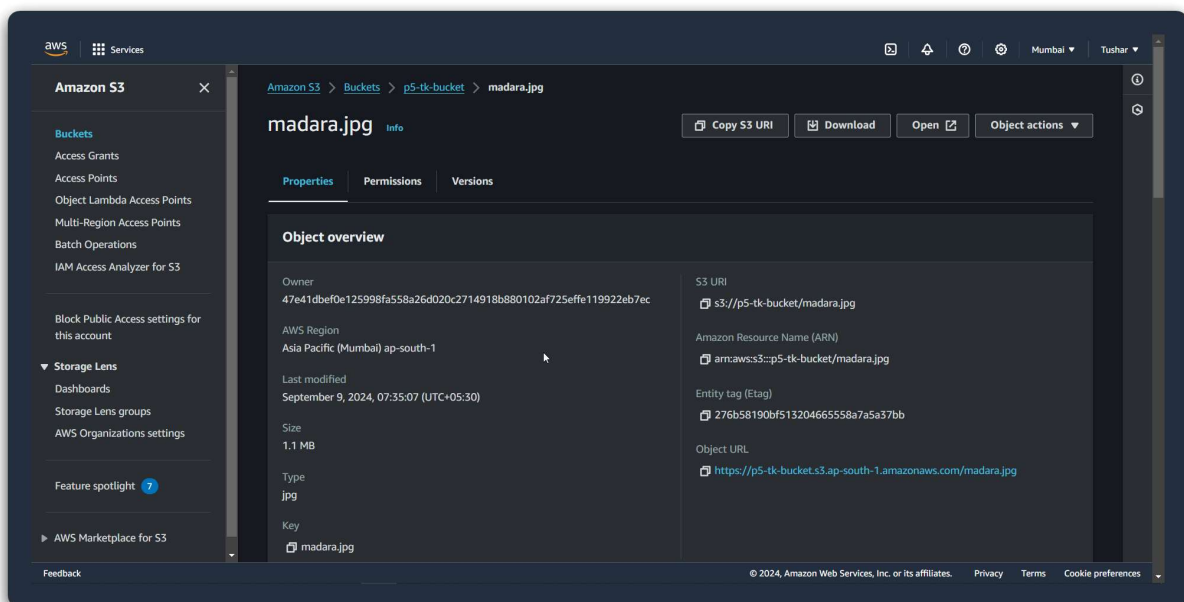
Here you have to upload any file you want

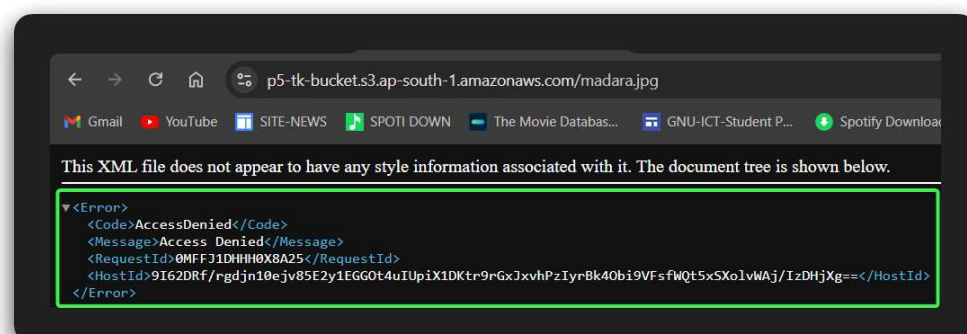Here you can see I have uploaded the .png file
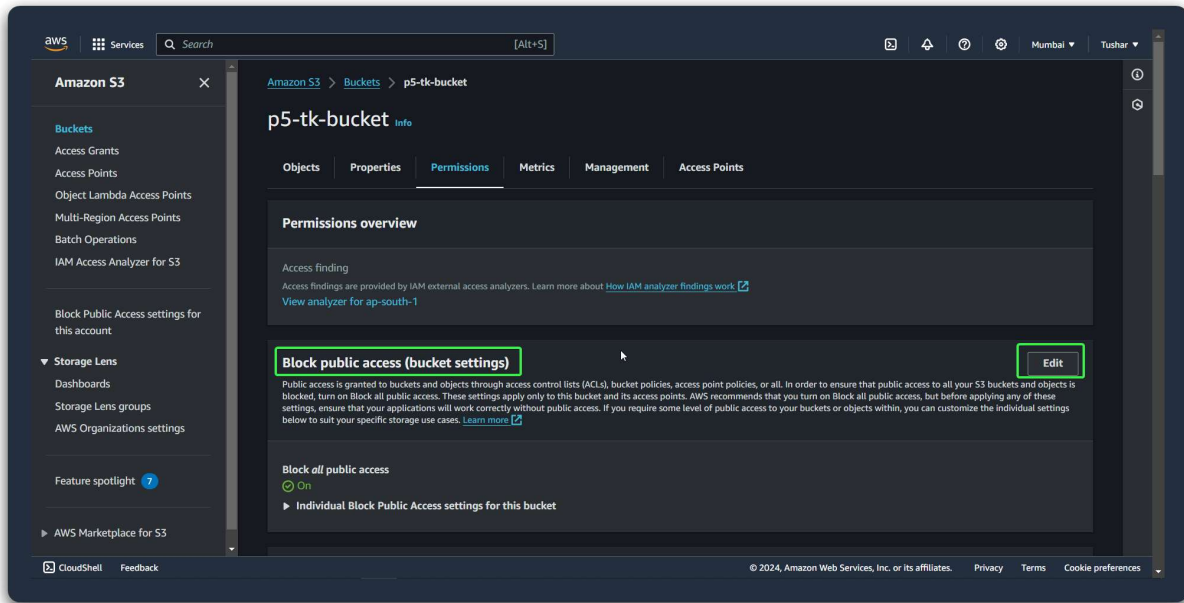

As you can see below file has been uploaded successfully

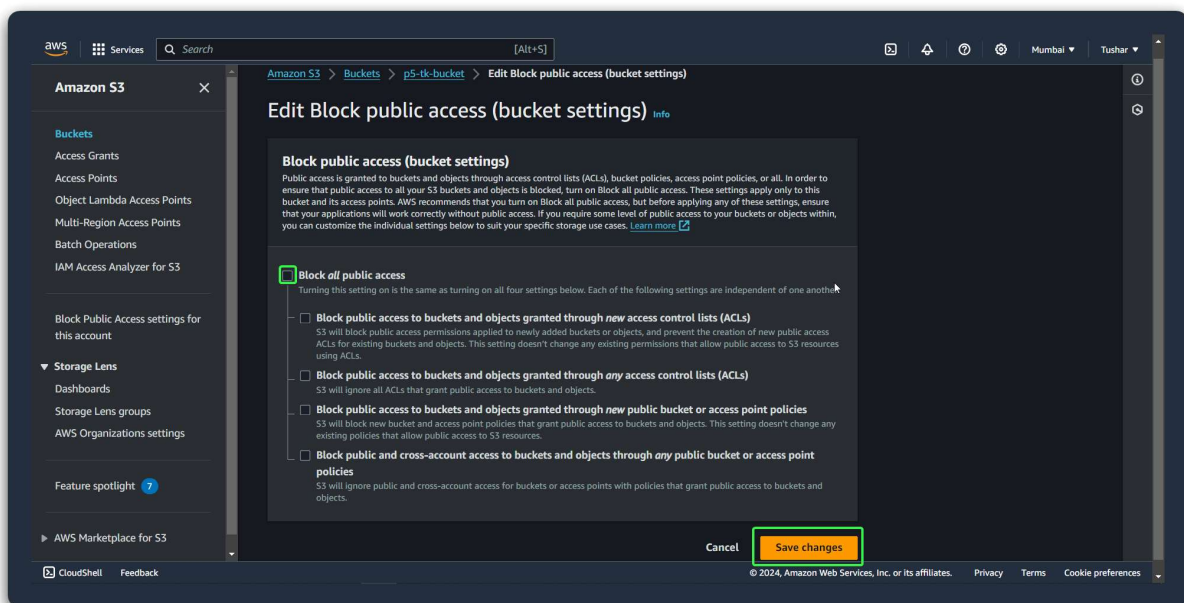Here we can see the object url you can get the acess of the image

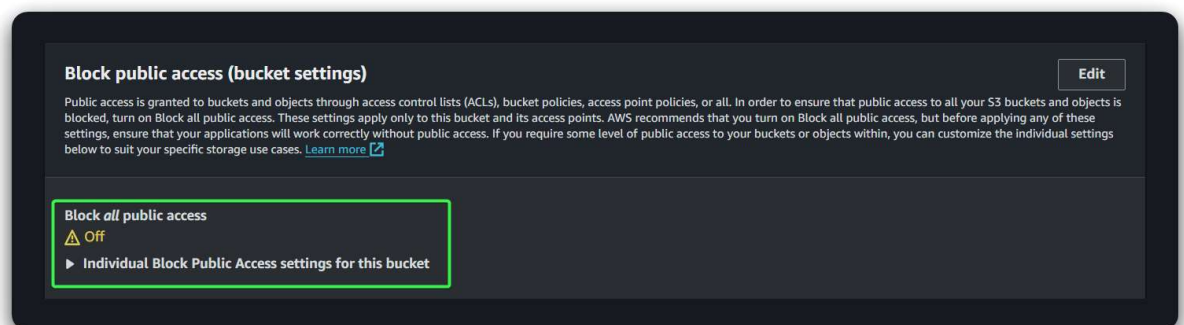If you open the object URL Here you can see the access denied
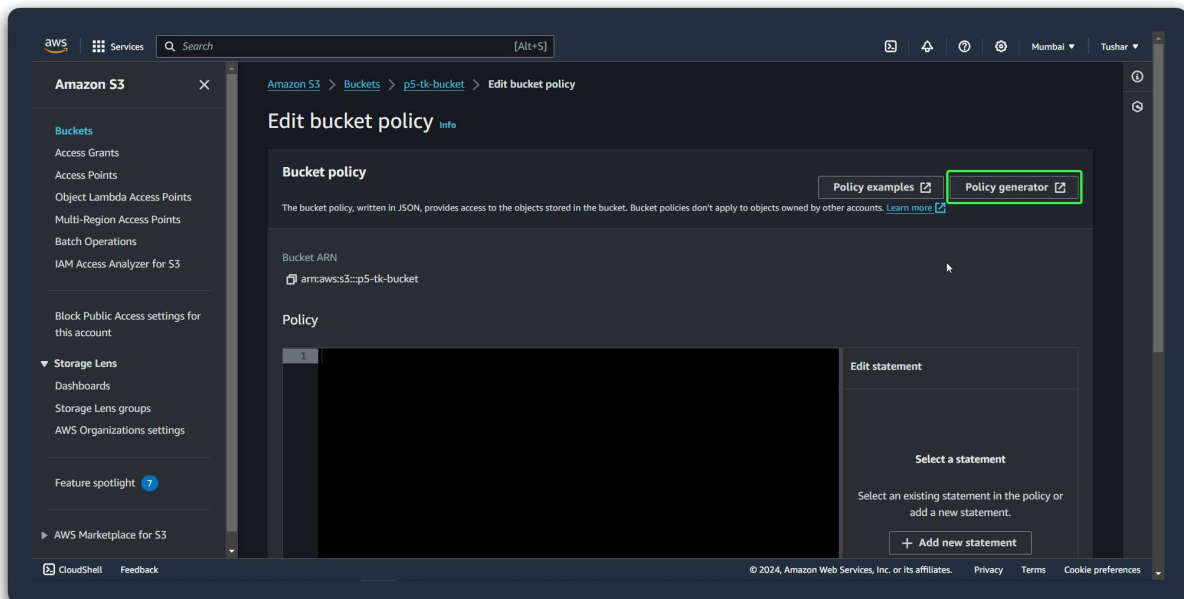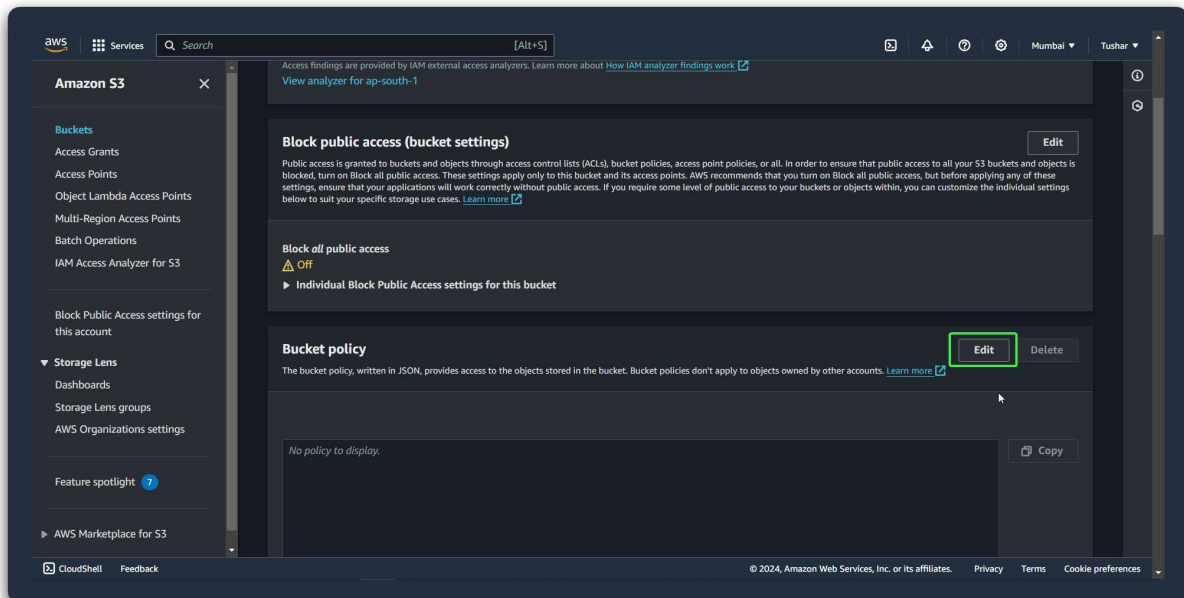
Now you have to turn of the Block the public access.

Turn off the block all public access and save the changes

Now as you can see here the block public access is off now

Now you have to generate the Bucket policy in edit you can get the Policy Generator

As below do the same but In principal gave the name * only

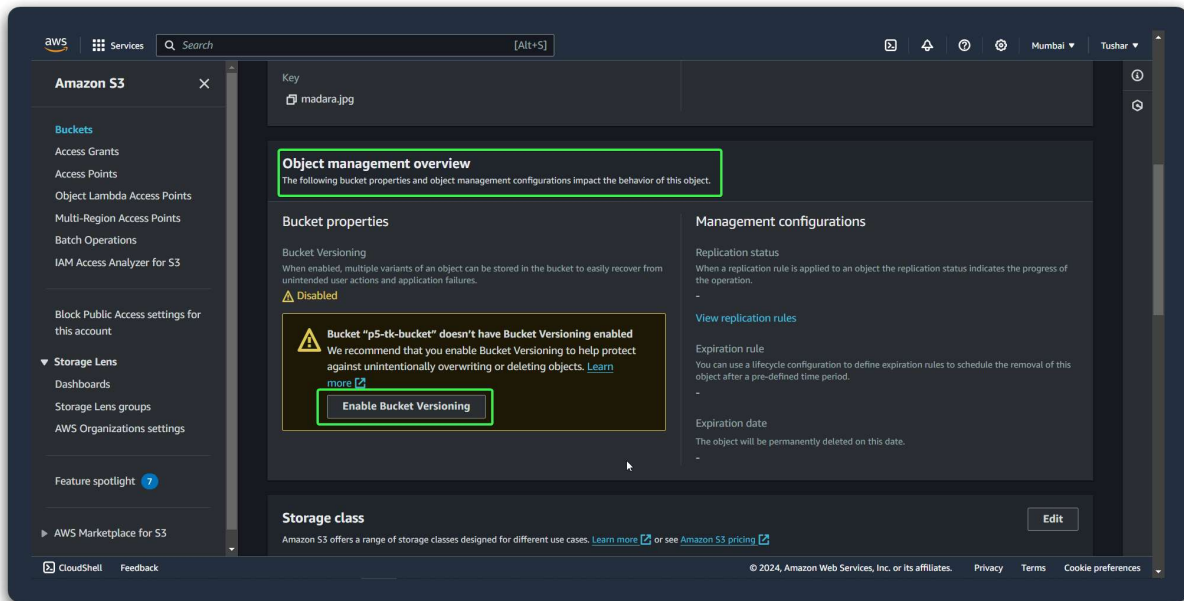Here select the action as get object and in ARN paste your bucket ARN and click on generate policy

Here you can see we get this type of policy to paste it in bucket policy with changes in resources add **/* in the last of resources**
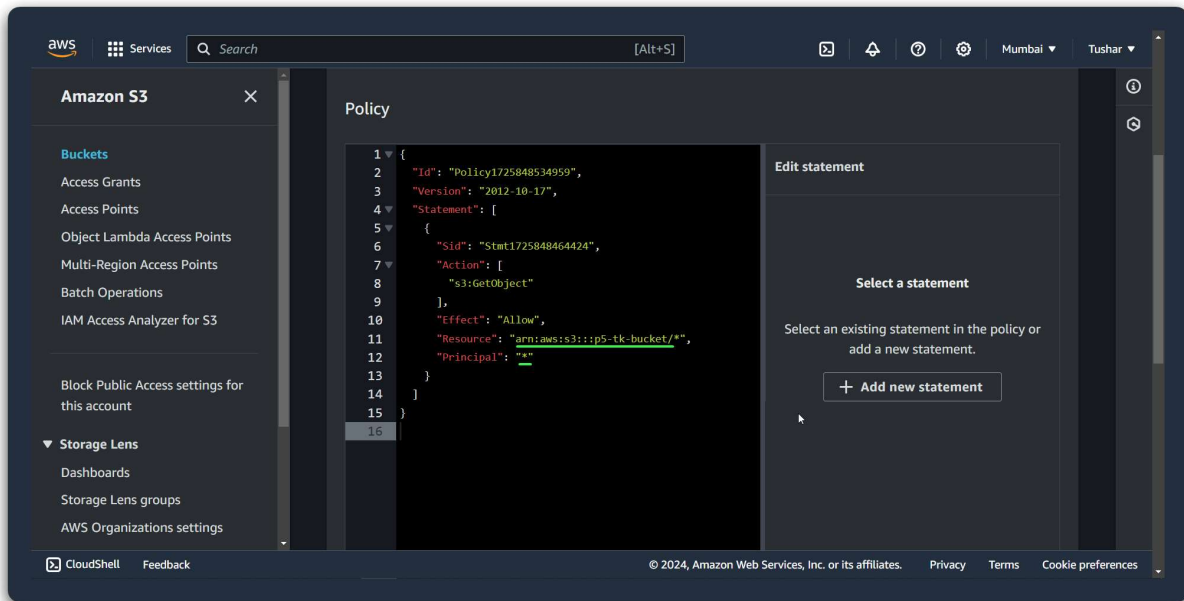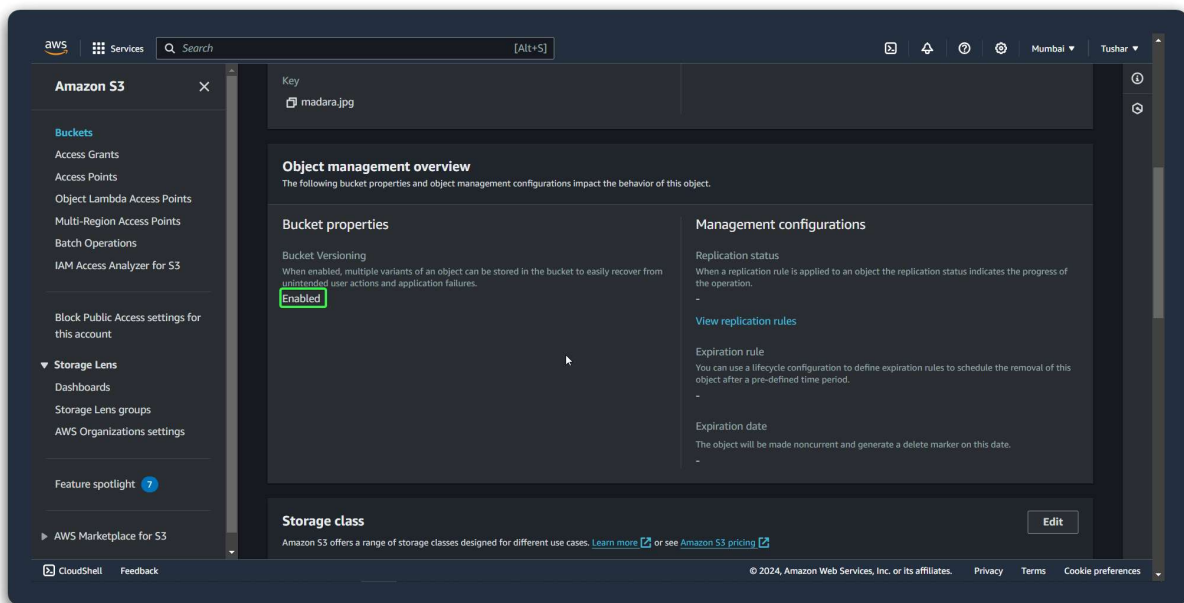
Now after making all the changes you can see the images is now seen
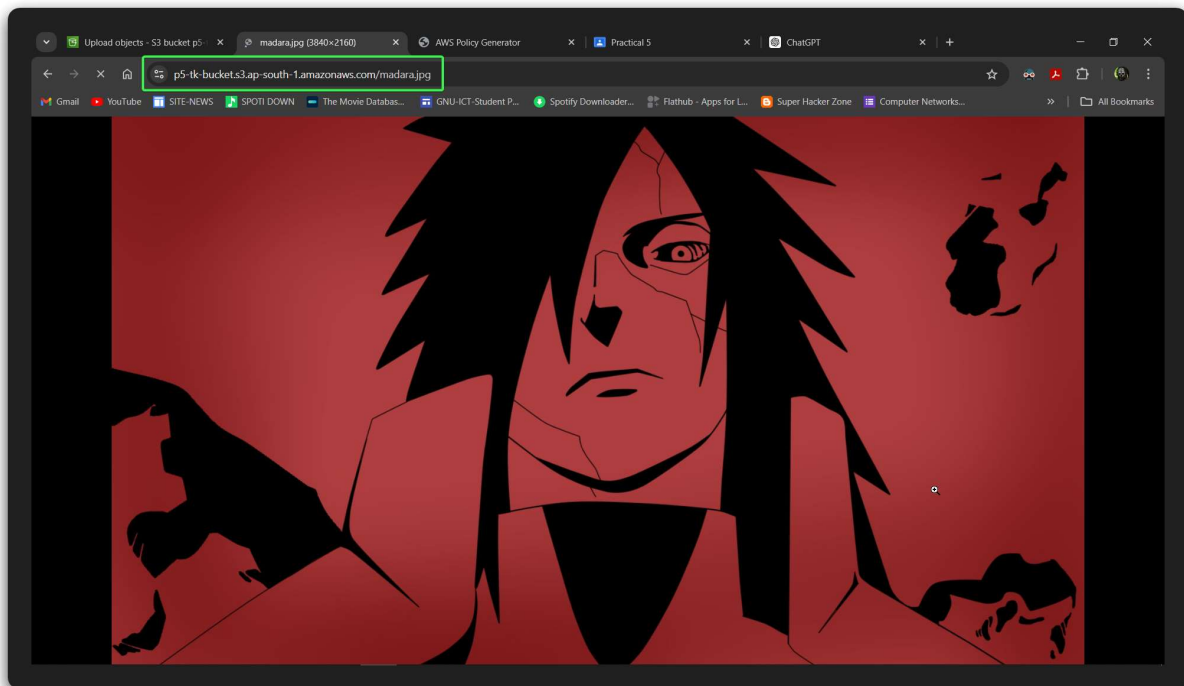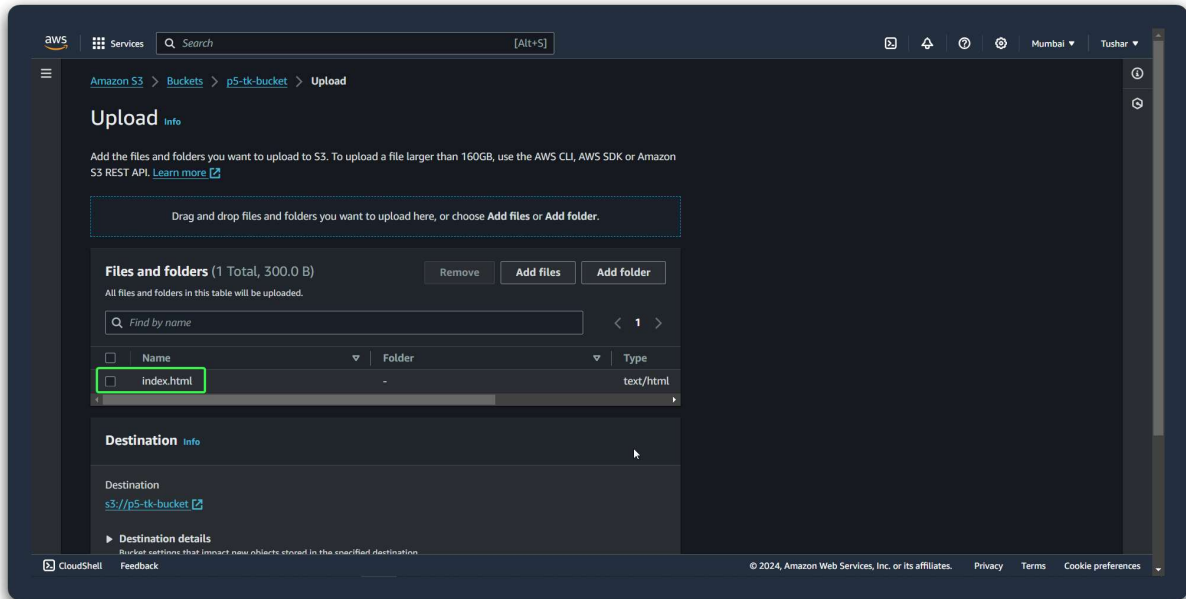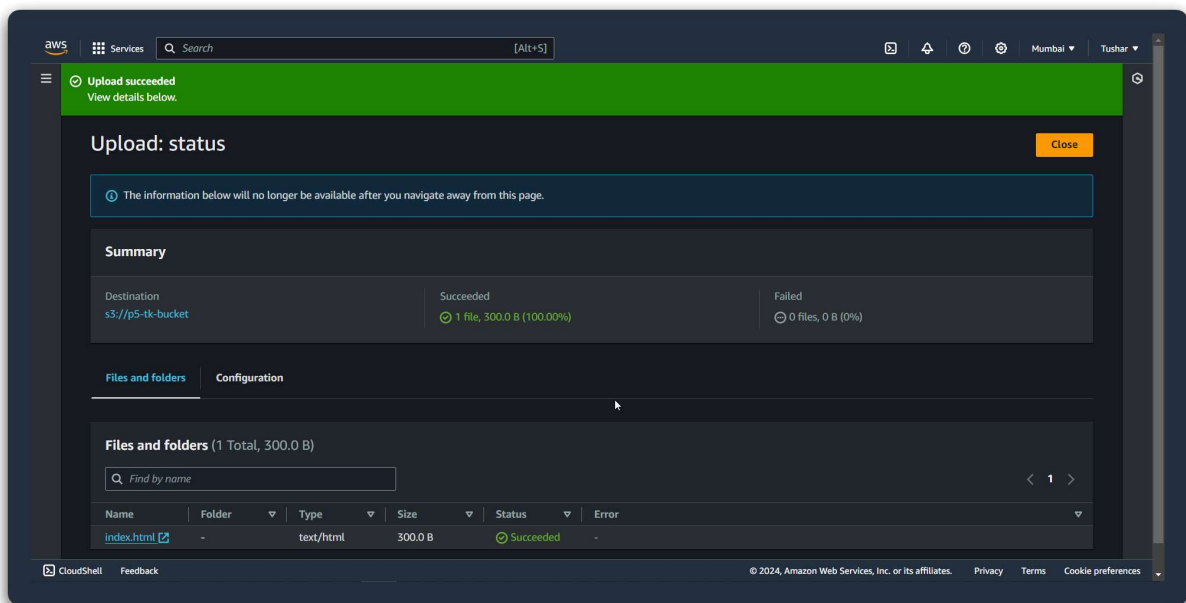

Now enable the Bucket versioning

As you can see below Bucket Versioning is enabled
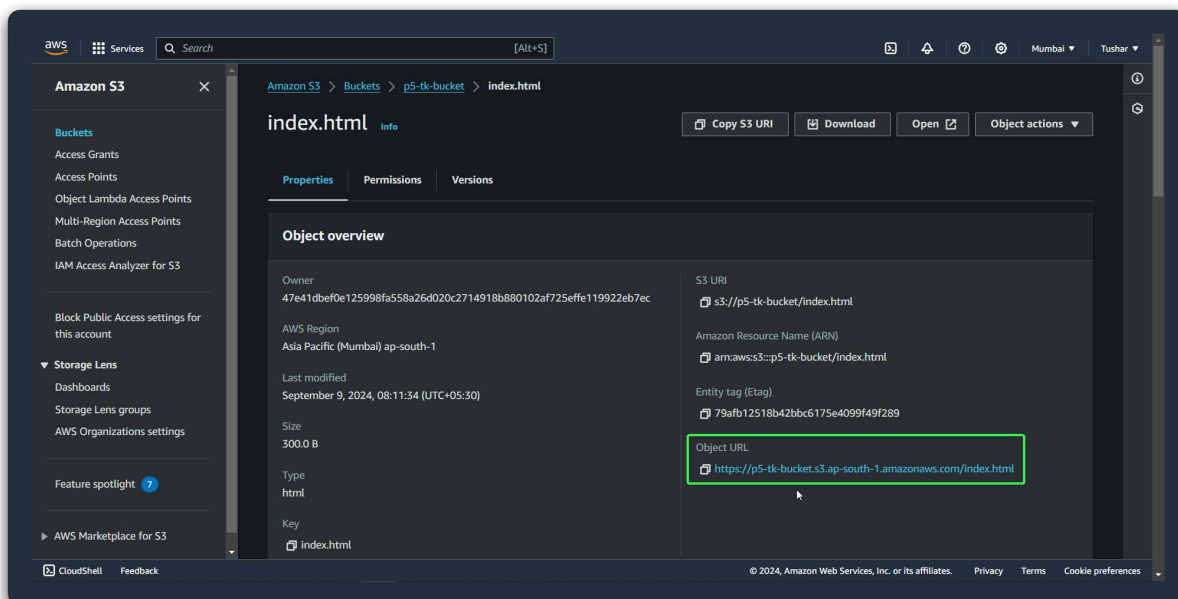

Now you have to upload the index.html
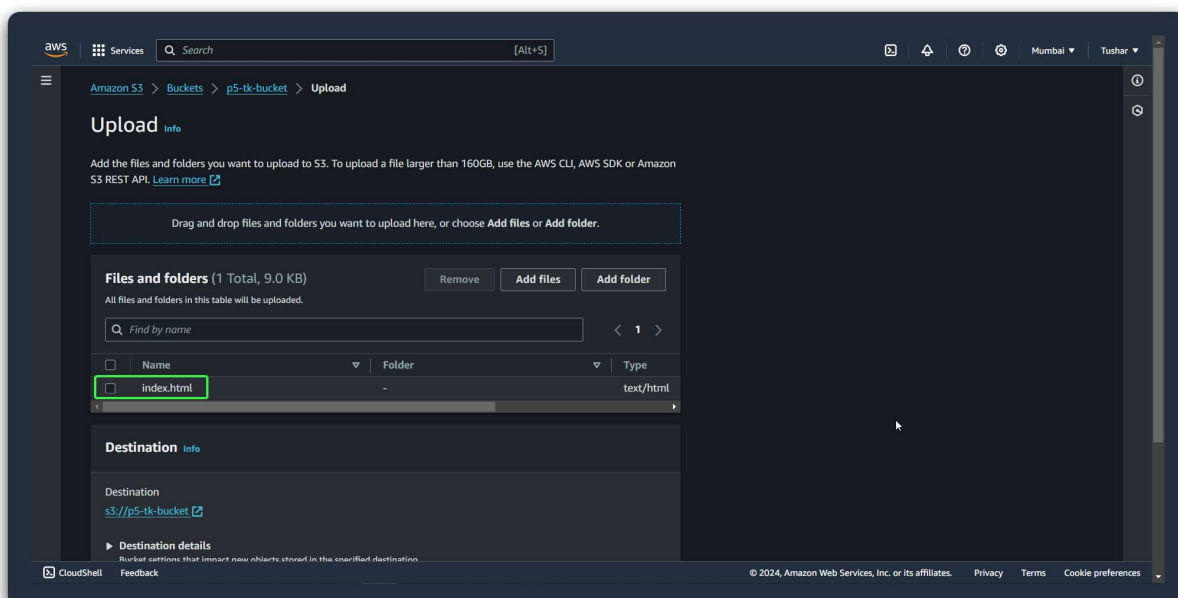
As you can see the index.html is uploaded

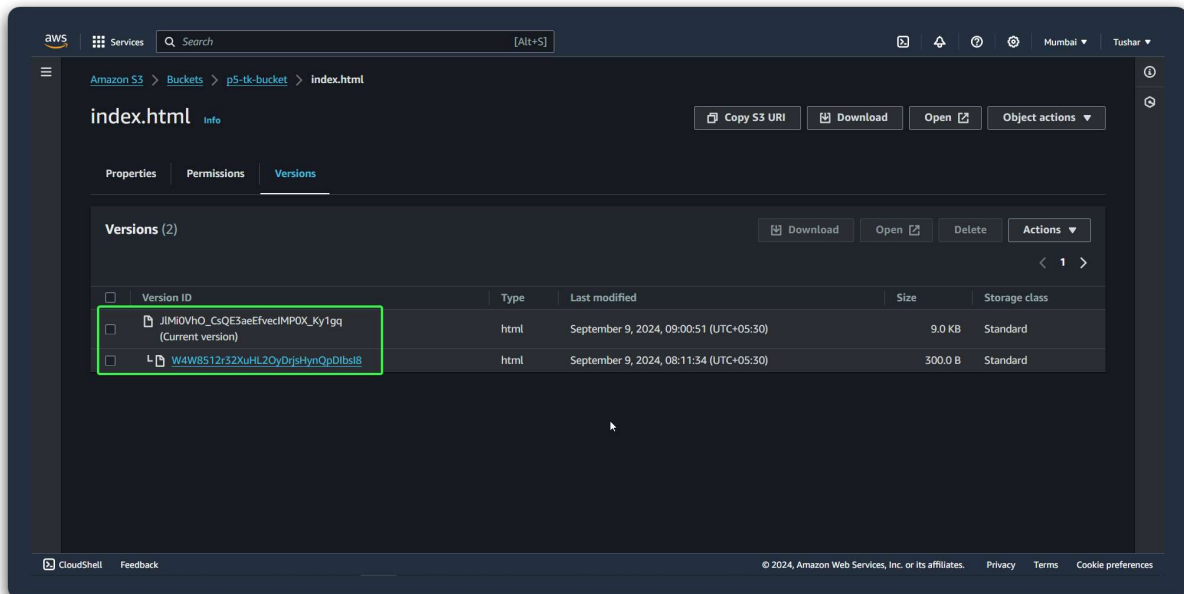Get access to the index.html from the object url

You can see the index.html Output.

Now make some changes in the html file and upload it again with the same name.

As we have enabled the versioning you can see the index.html have the version you can access both the index.html file

Here is the changed HTML file Output