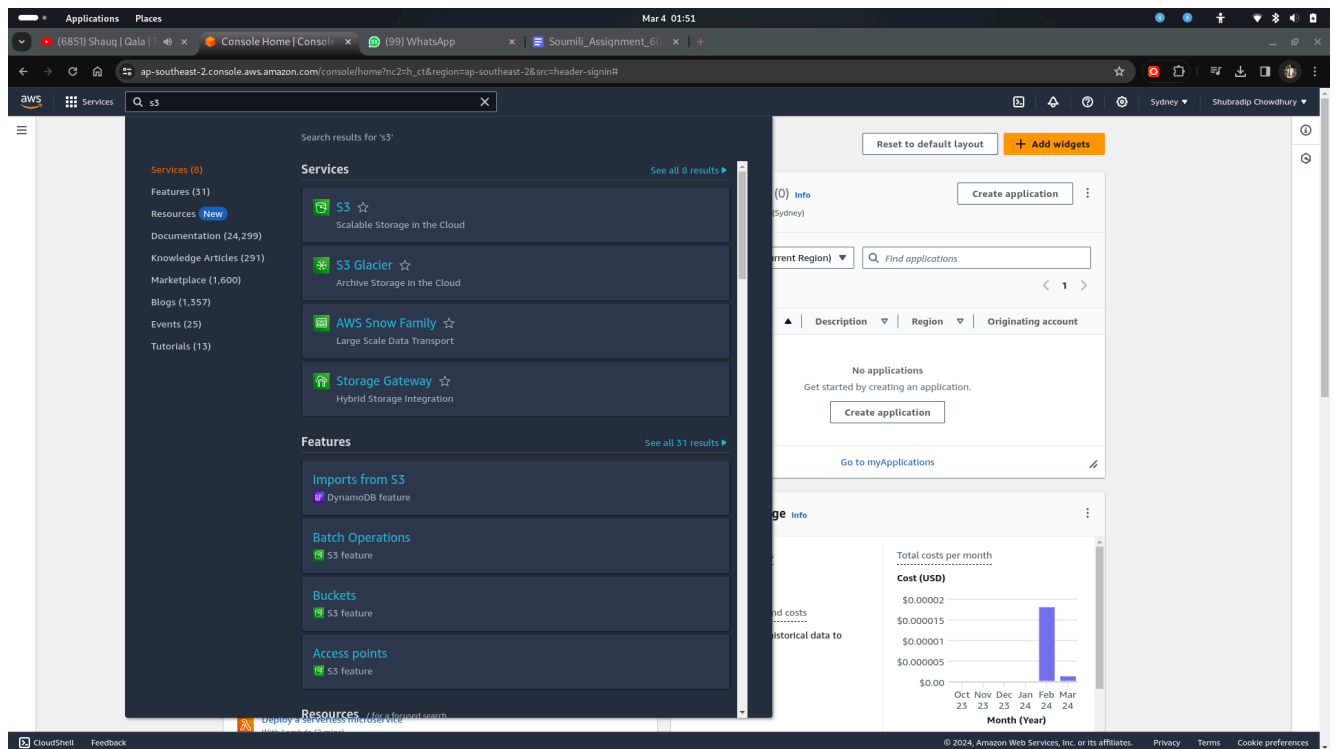


Assignment-6

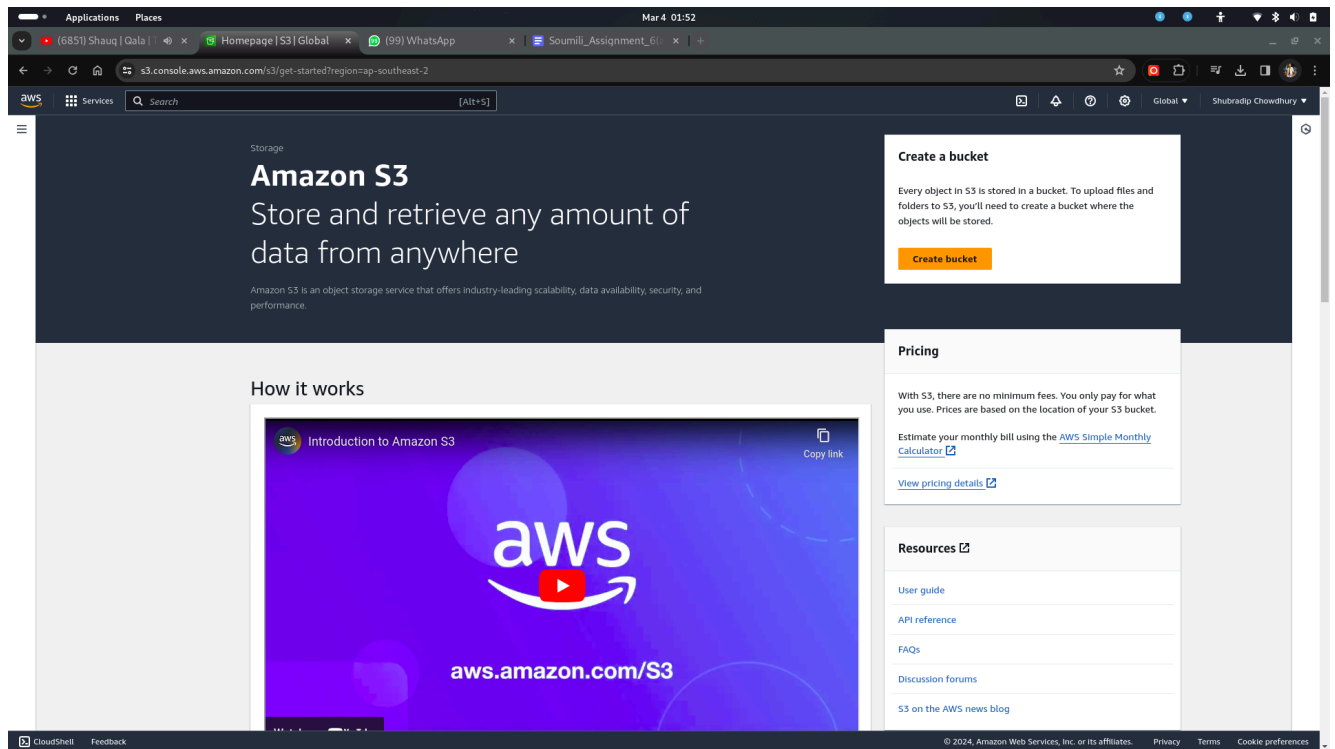
Problem Statement: Upload a static website on S3.

The steps are listed as follows: -

1. Initially, generate three HTML files: **Index**, **About**, and **Home**, each interlinked with one another.
2. Now sign up for an AWS account, search for 'S3' then click on it.



3. Click on 'Create bucket'.



4. The subsequent window appears. From the drop-down menu, select '**Asia Pacific (Mumbai) ap-south-1**' as the AWS Region. Next, specify a bucket name, such as 'shubradipbucket45'.

Applications Places Mar 4 01:53

(6851) O Re Piya - You... Create S3 bucket | S3 | G... (99) WhatsApp Soumili_Assignment_6... s3.console.aws.amazon.com/s3/bucket/create?region=ap-southeast-2&bucketType=general

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Create bucket [info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region

Asia Pacific (Sydney) ap-southeast-2

Bucket name [info](#)

shubradipbucket45

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Object Ownership [info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ **ACLs disabled (recommended)**

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ **ACLs enabled**

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket.

5. By default, the Object Ownership is set to '**ACLs disabled**' in this window. Select '**ACLs enabled**' since we are creating a public bucket for uploading static websites.

Applications Places Mar 4 01:55

(6851) O Re Piya - You... Create S3 bucket | S3 | G... (99) WhatsApp Soumili_Assignment_6... s3.console.aws.amazon.com/s3/bucket/create?region=ap-southeast-2&bucketType=general

aws Services Search [Alt+S]

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Object Ownership [info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☐ **ACLs disabled (recommended)**

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☒ **ACLs enabled**

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

⚠️ We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

Object Ownership

☒ **Bucket owner preferred**

If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

☐ **Object writer**

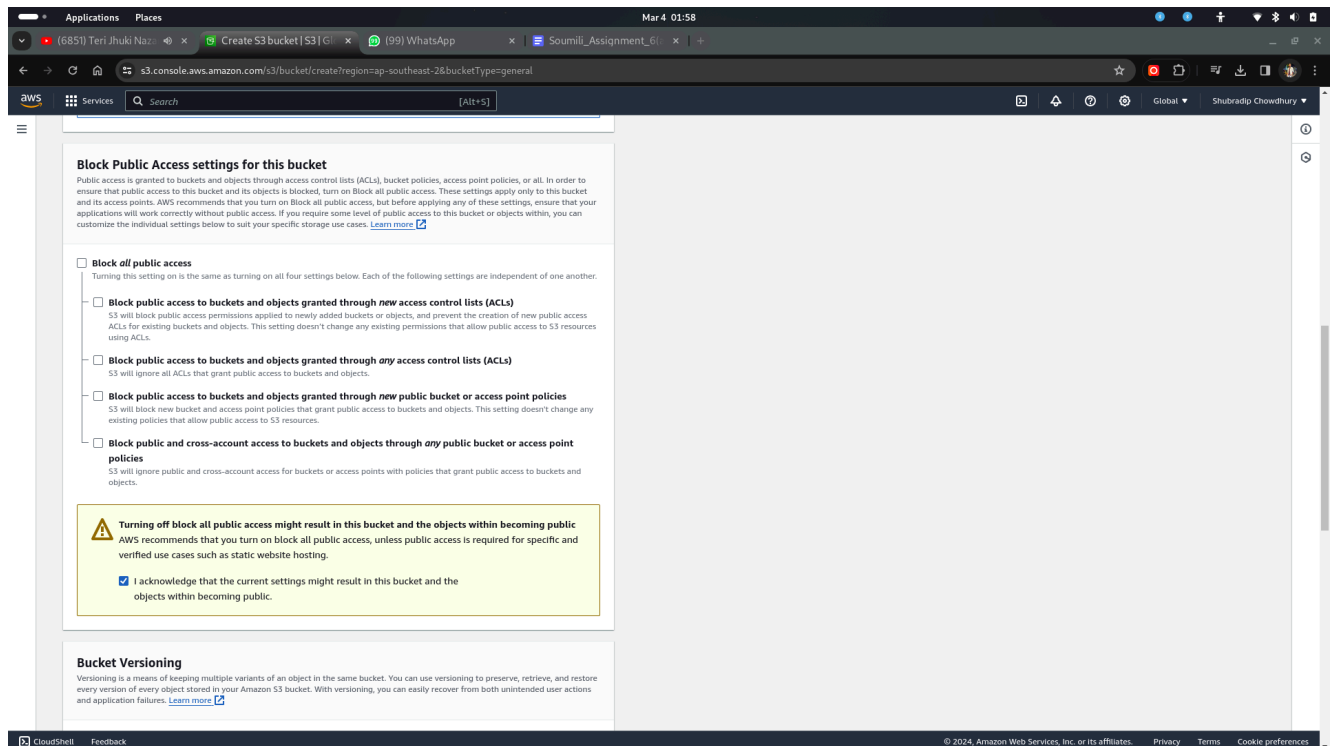
The object writer remains the object owner.

☒ **If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads.** [Learn more](#)

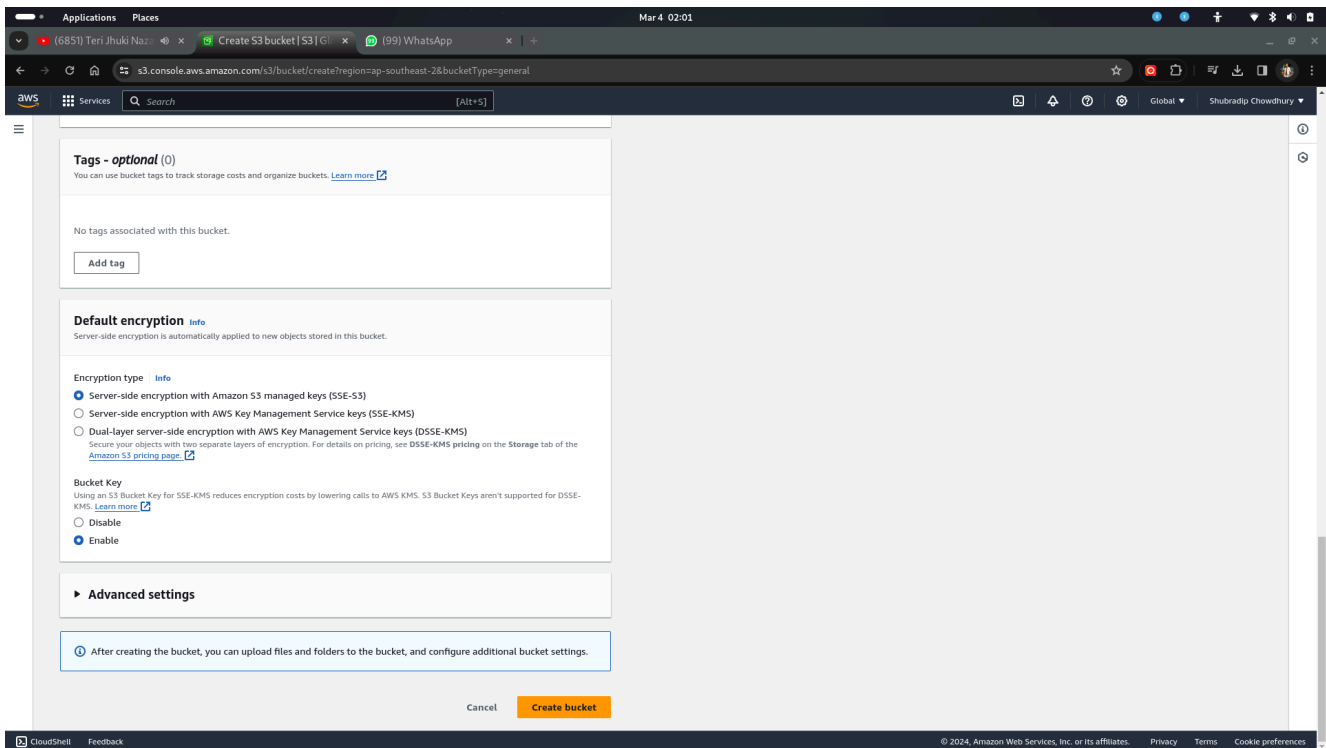
Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

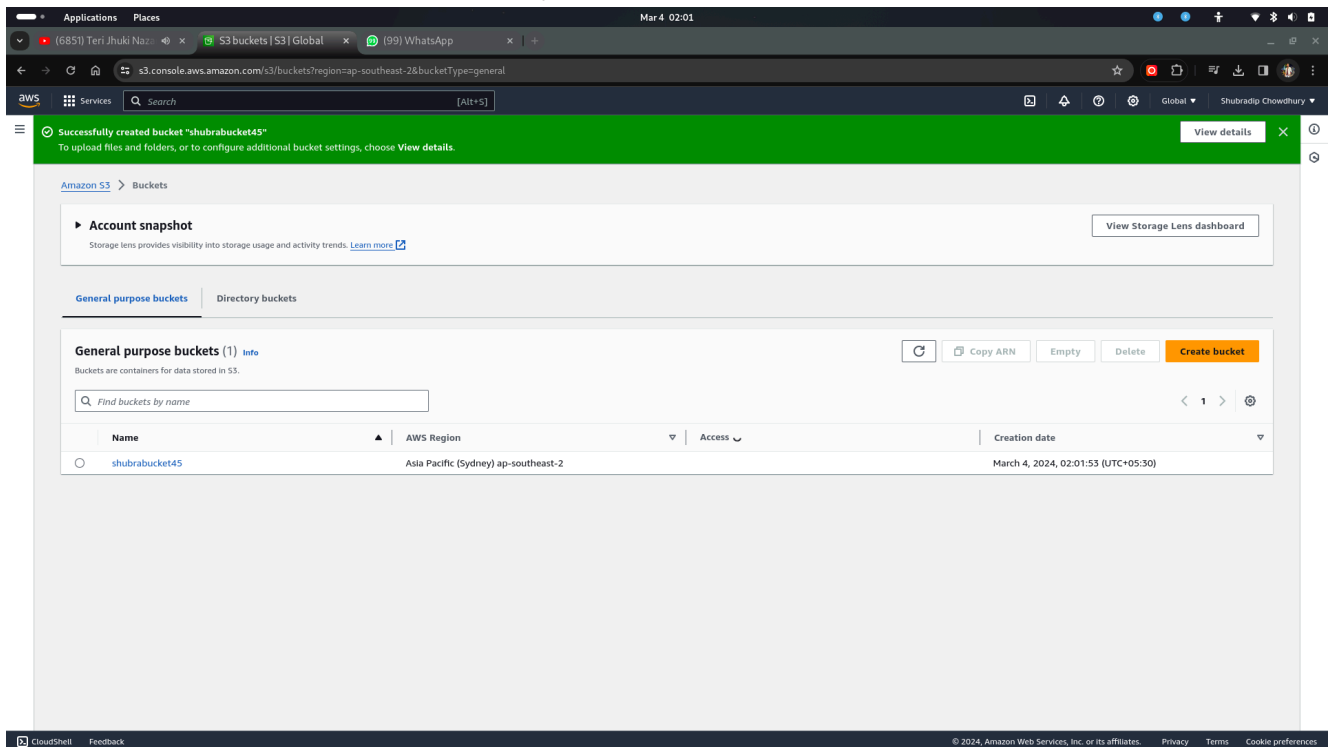
6. Now, uncheck the box for 'block all public access'. At the bottom of the window, check the box confirming that the current setting changes may result in a public bucket.



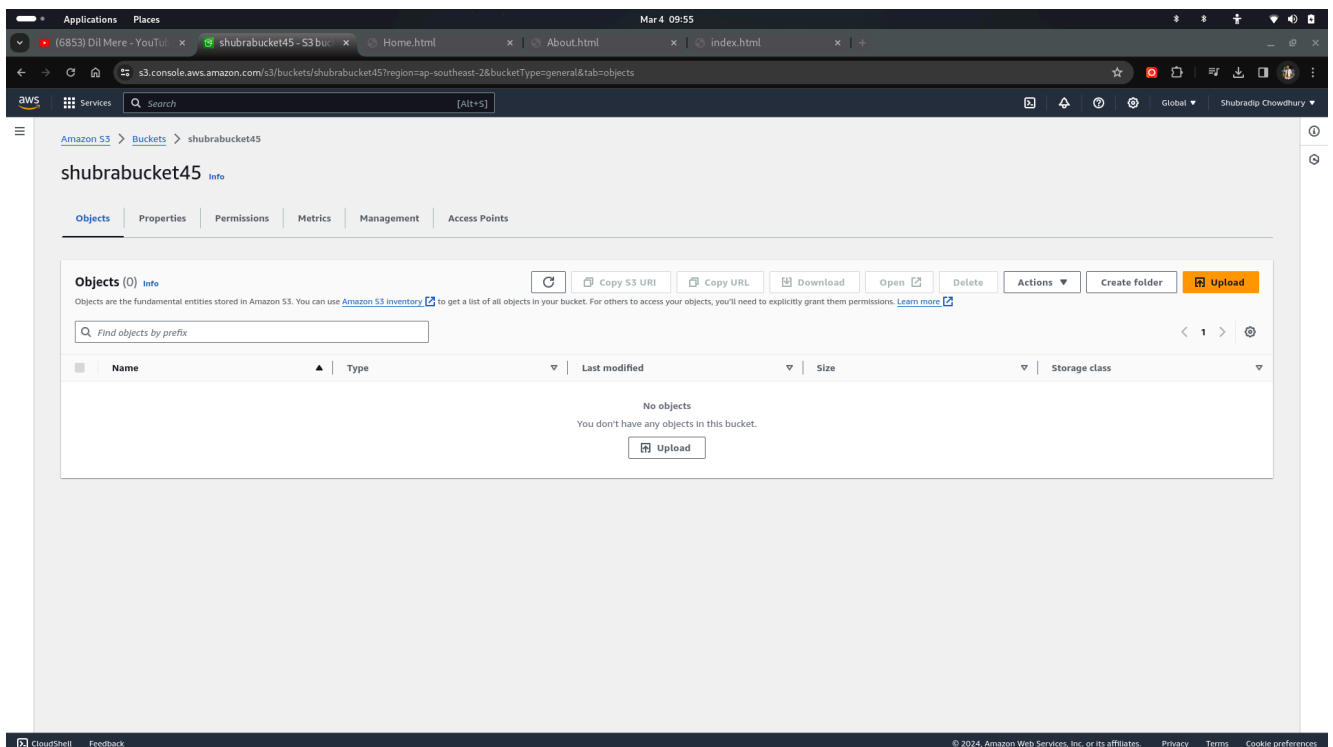
7. Scroll down without any further modifications and proceed to click on 'Create Bucket'.



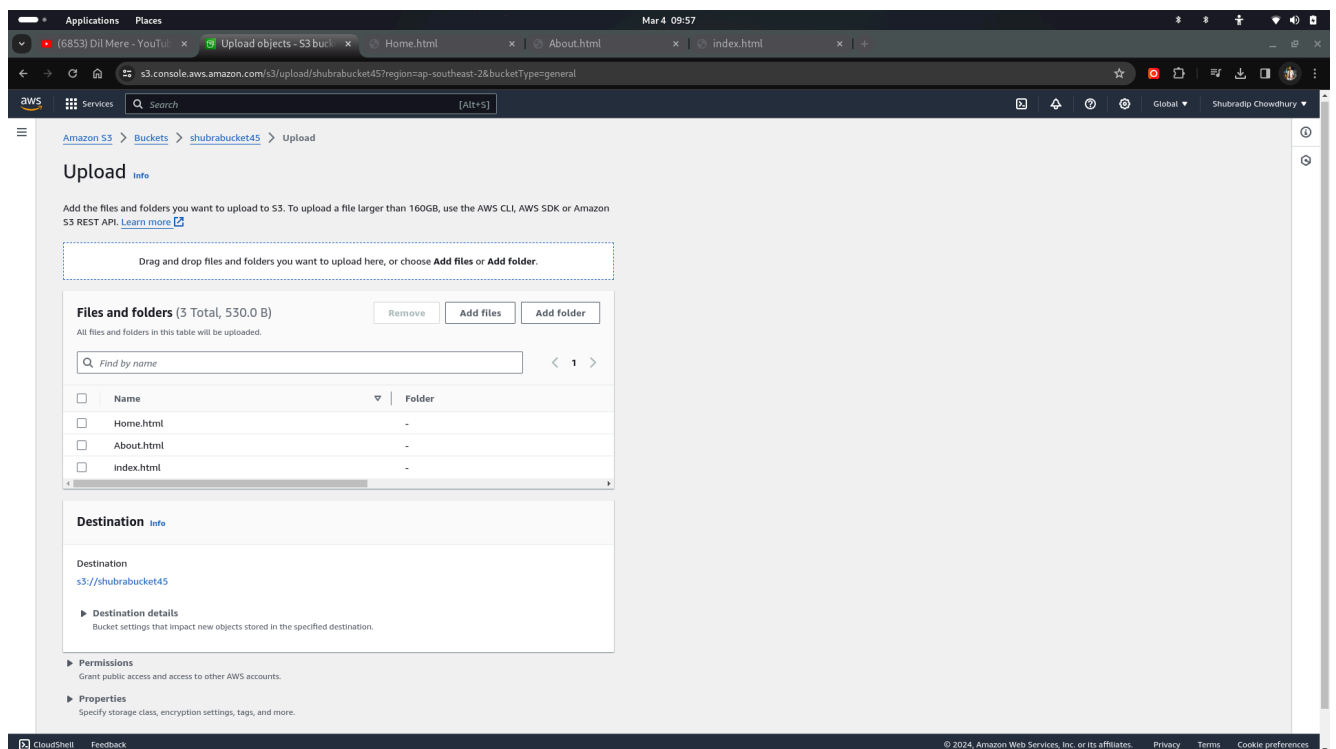
8.The bucket is created successfully.



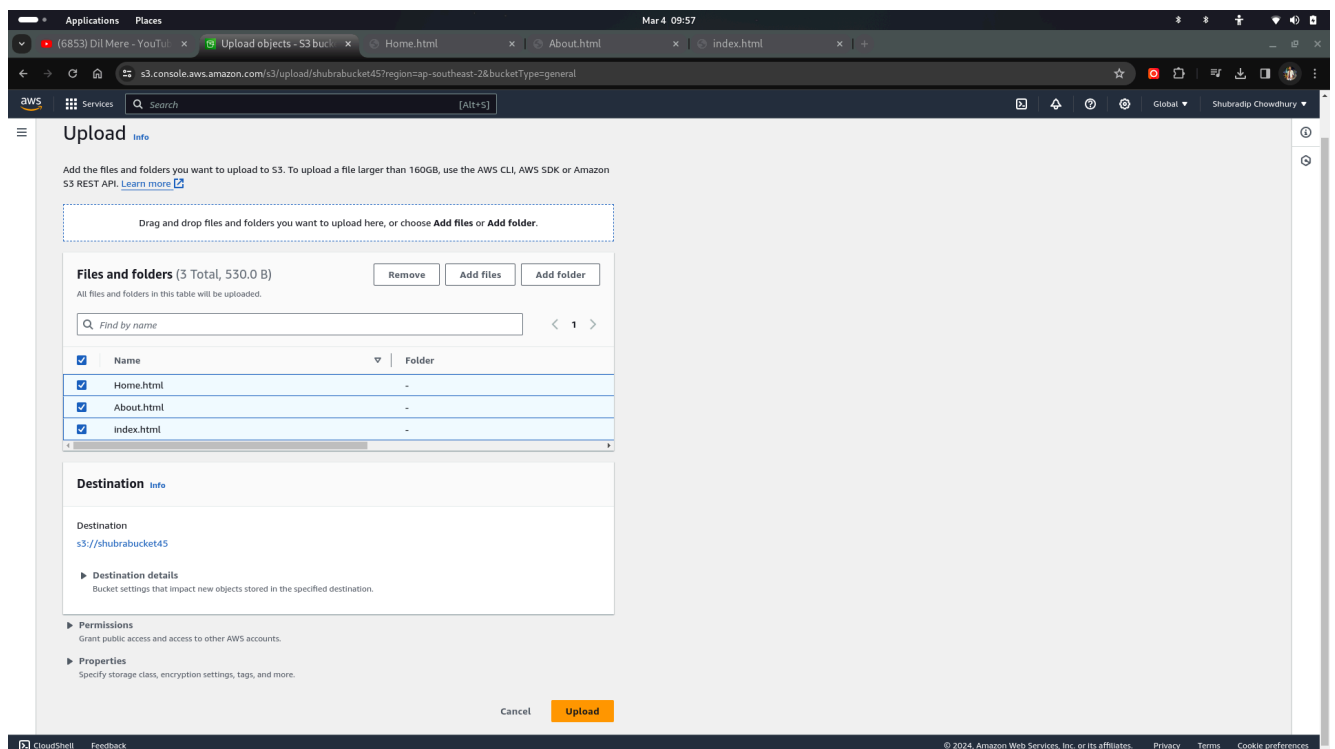
9. Now click on the bucket name.



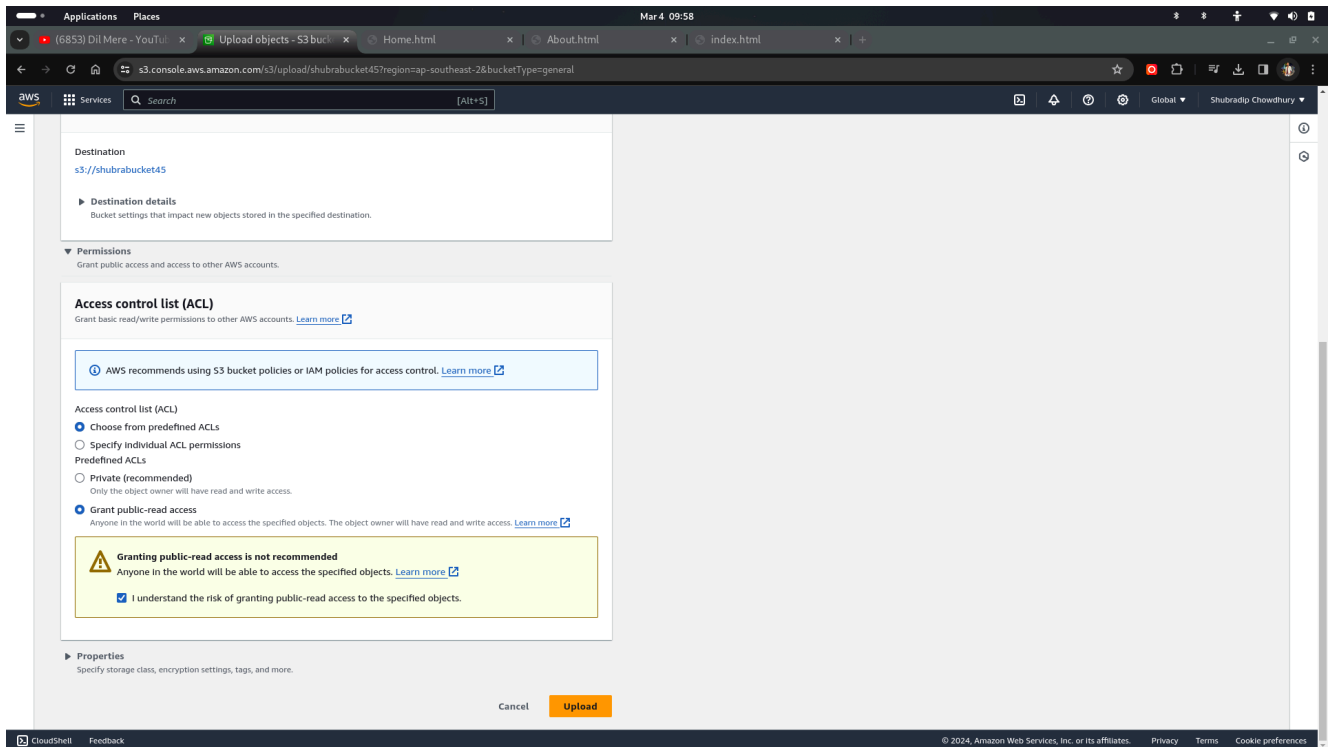
10. Choose the '**Upload**' option, which will lead to the opening of the subsequent window. From there, click on '**Add files**' and proceed to upload your desired file into the selected bucket. In this case, add the 3 HTML files.



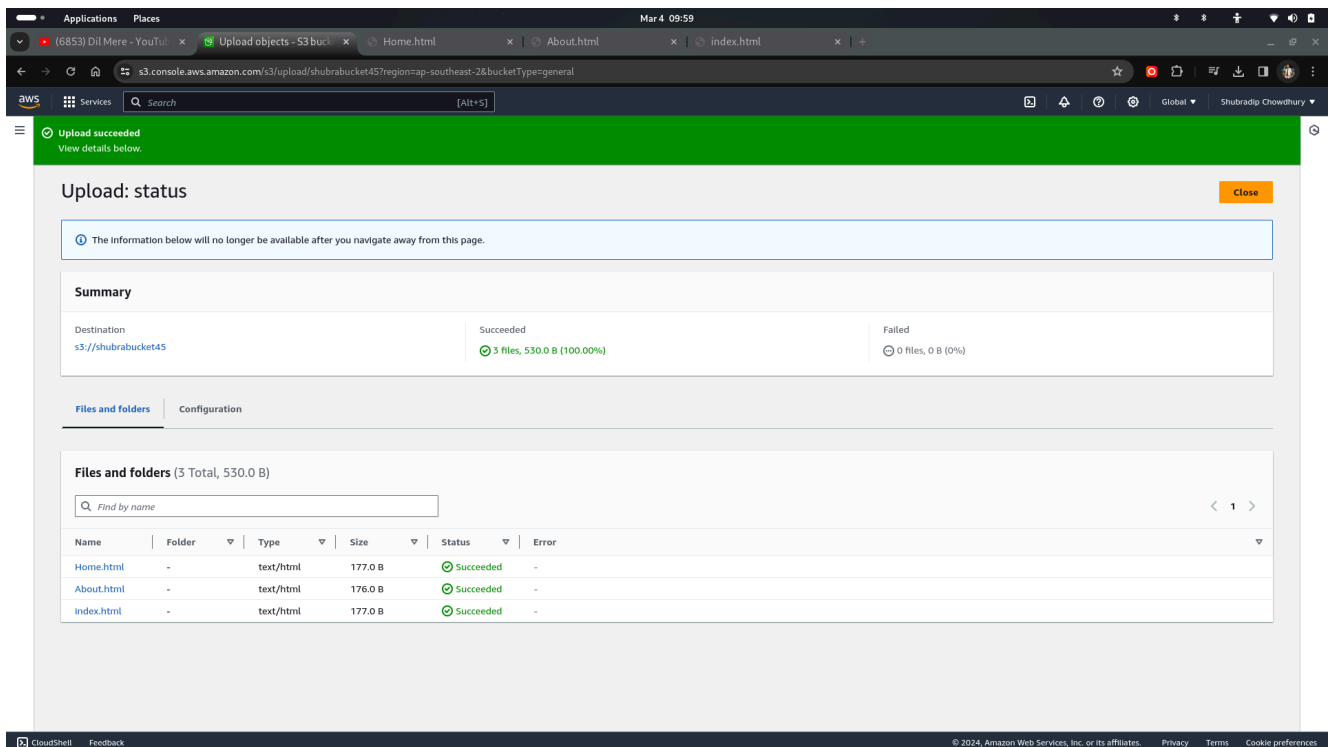
11. Select all three files and proceed to the **Permissions** settings.



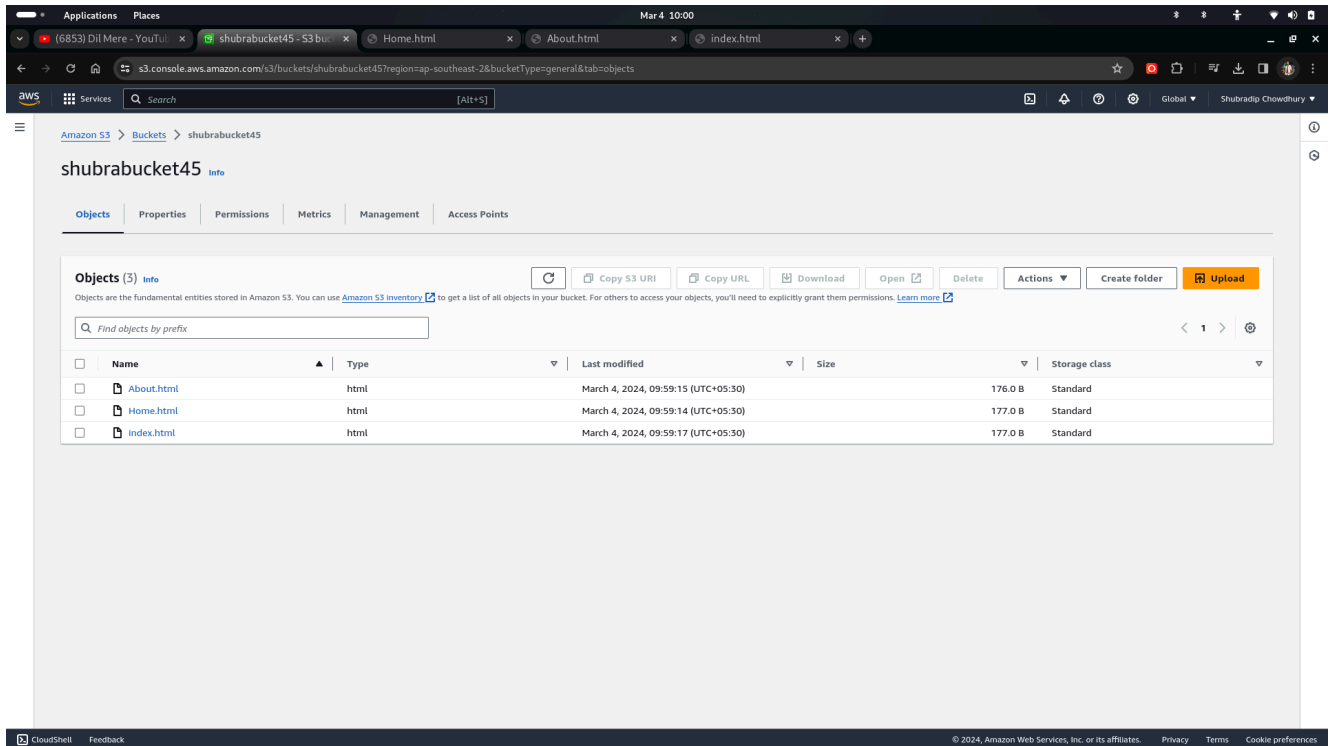
12. Next, click to **Grant public read access** and then ensure to mark the checkbox provided below. Then click on **Upload**.



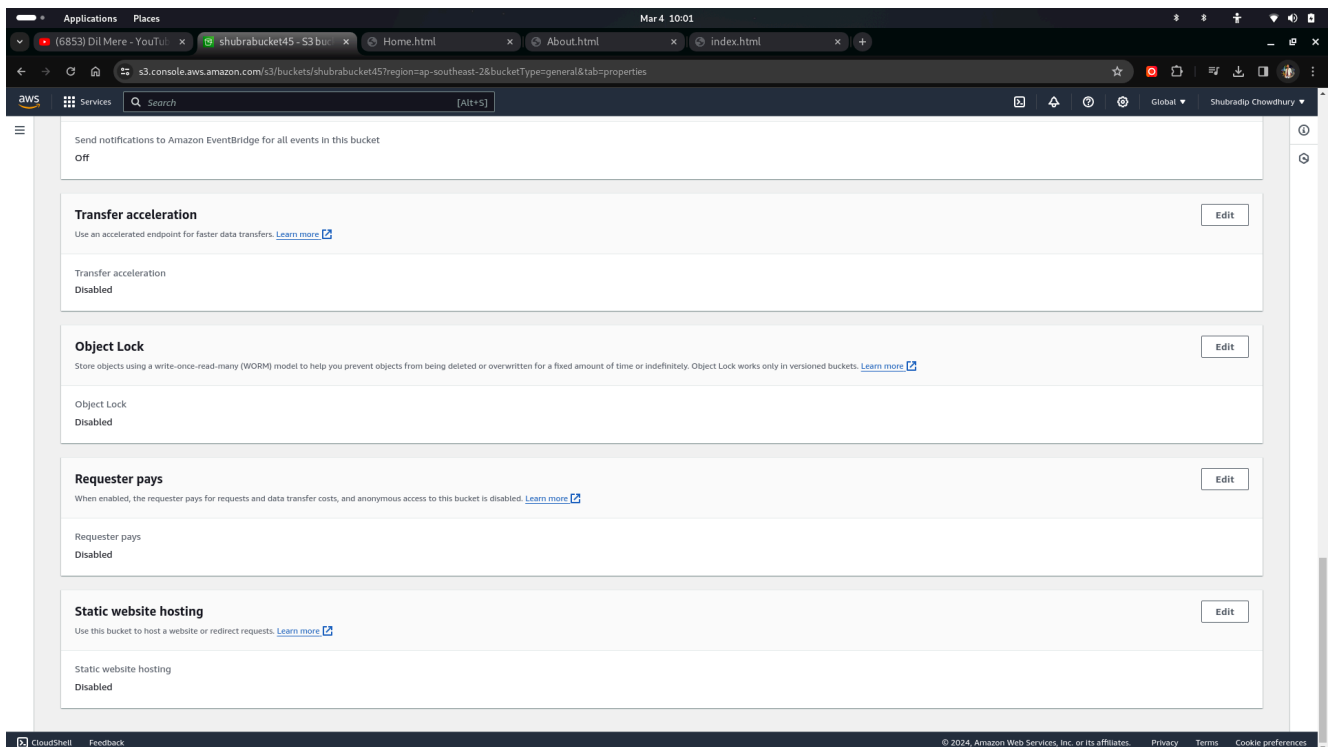
13. The notification confirms that the file has been successfully uploaded. Click on 'Close' to return.



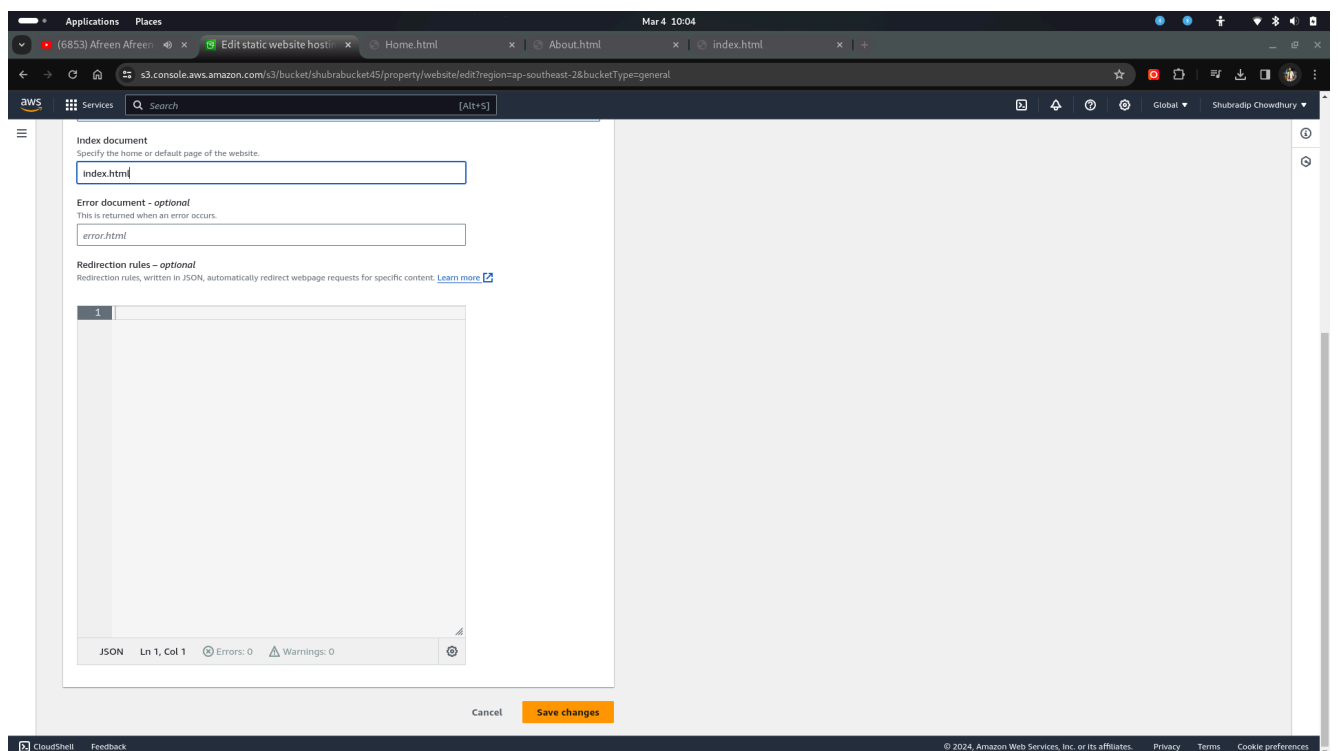
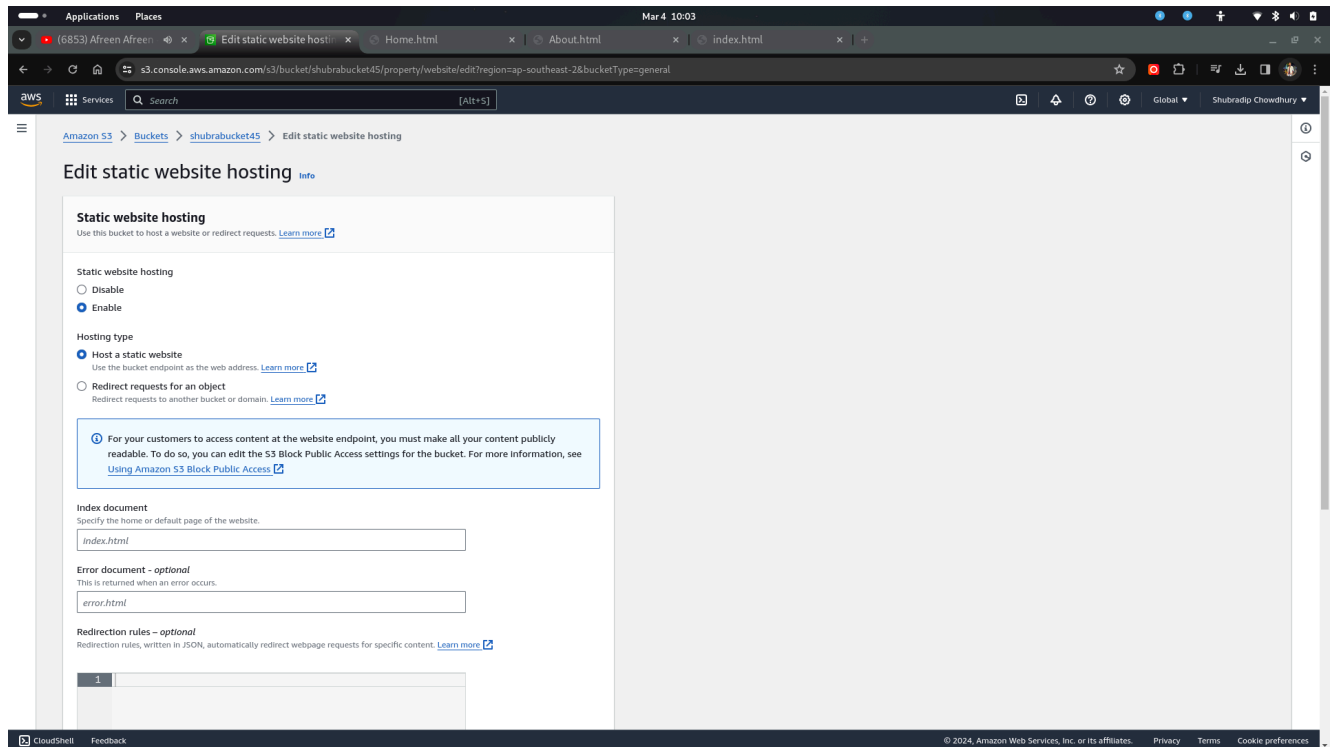
14. Proceed to the **Properties** section now.



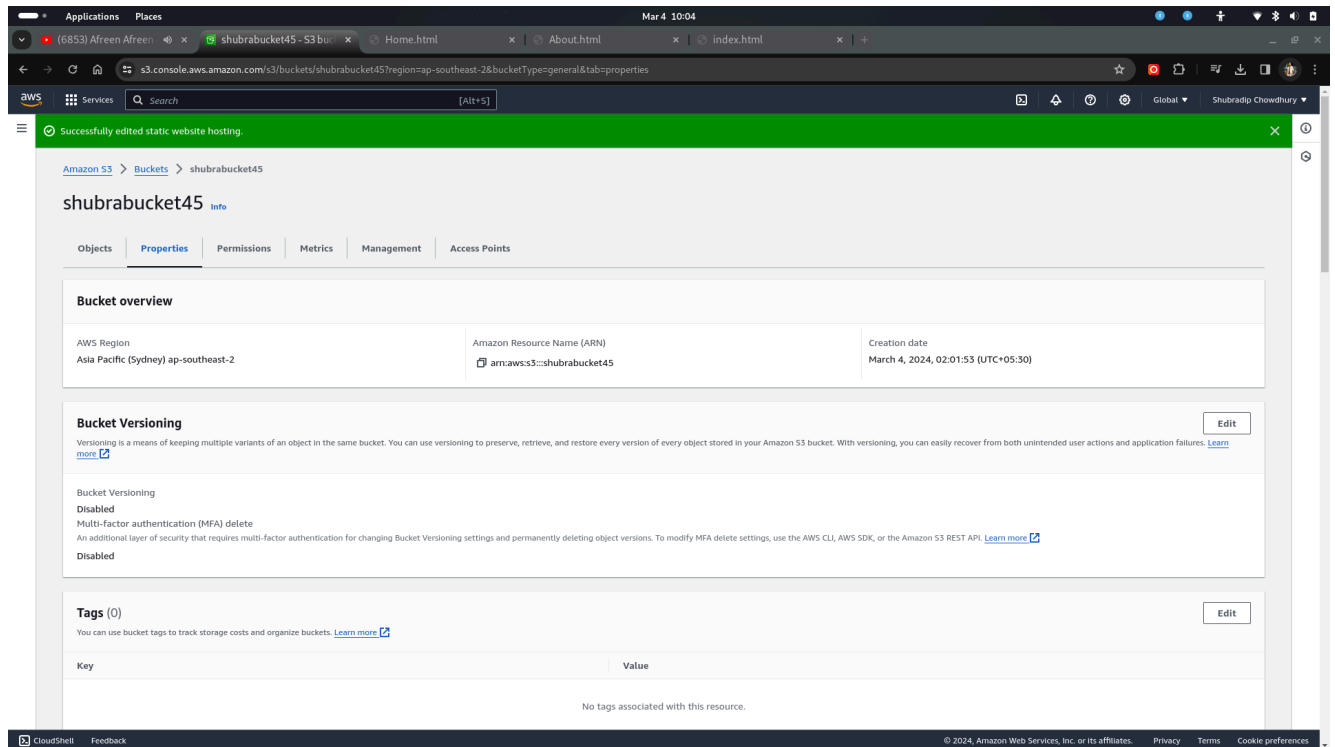
15. Continue scrolling downwards and locate the option for **static website hosting**, then proceed to click on the "Edit" button.



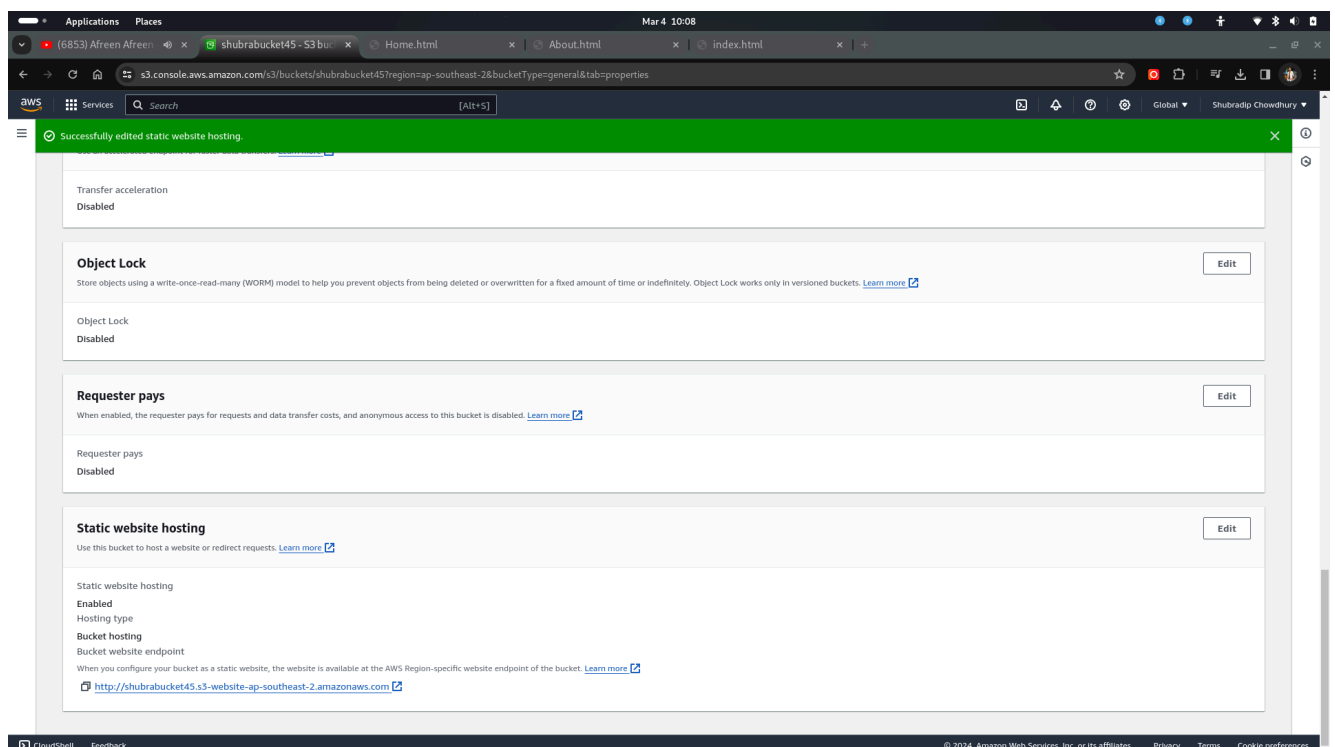
16. Under 'Static website hosting', click on 'Enable', then fill in the name of index document and click on **Save changes**.



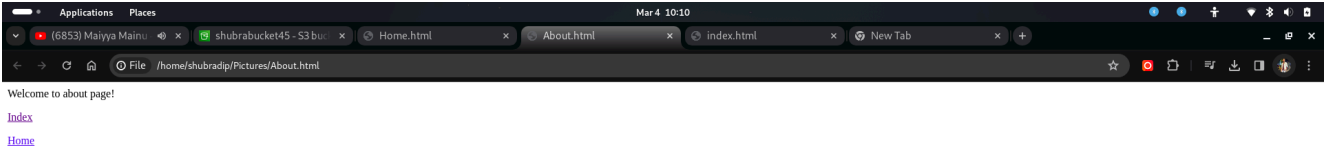
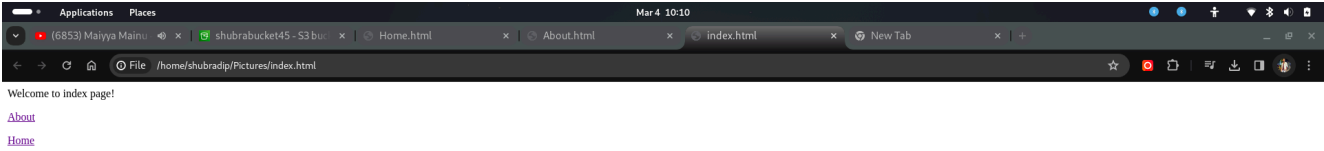
17. The notification confirms that static website hosting has been updated.

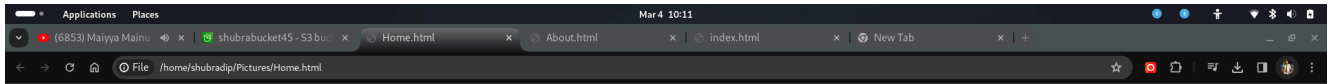


18. Scroll further down and then copy the **endpoint for the bucket website**.



19. Open a new browser tab and paste the 'Bucket website endpoint' into the address bar. The 3 pages will be displayed as per your written code.





Welcome to home page!

[Index](#)

[About](#)

