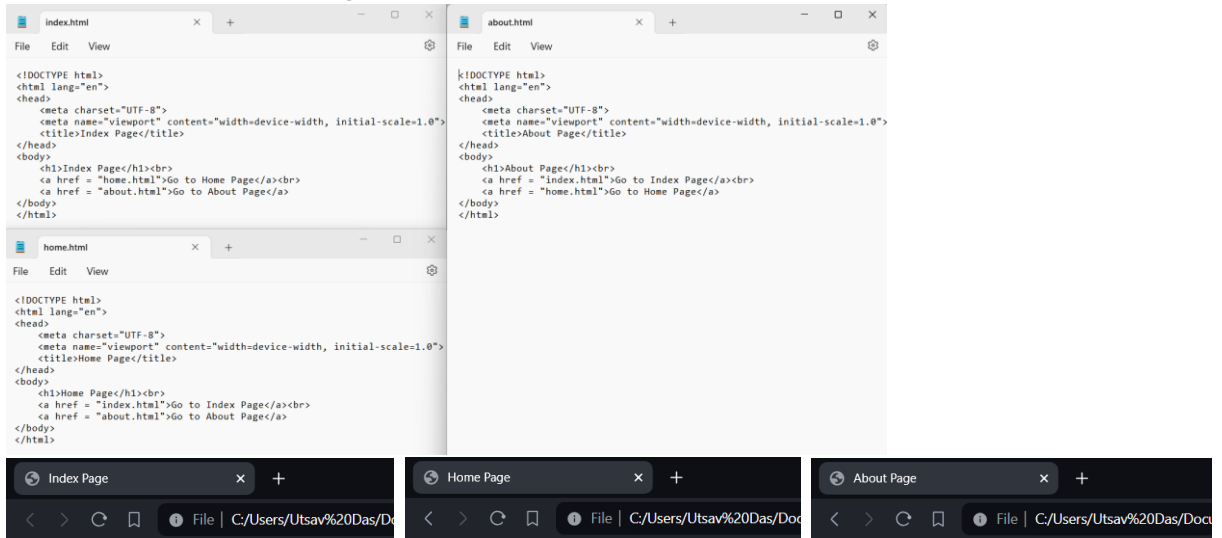


Assignment – 6

Problem Statement:

Upload a static website on S3.

- 1) First, 3 static webpages index.html, about.html, home.html are created.



Index Page

[Go to Home Page](#)
[Go to About Page](#)

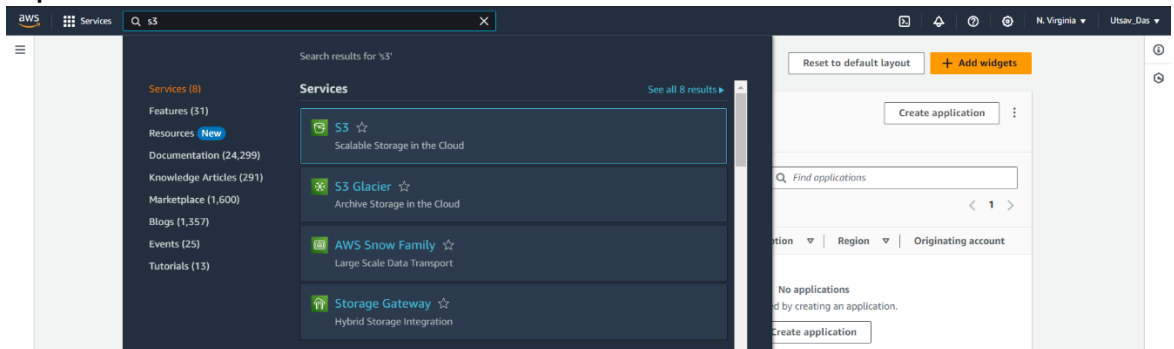
Home Page

[Go to Index Page](#)
[Go to About Page](#)

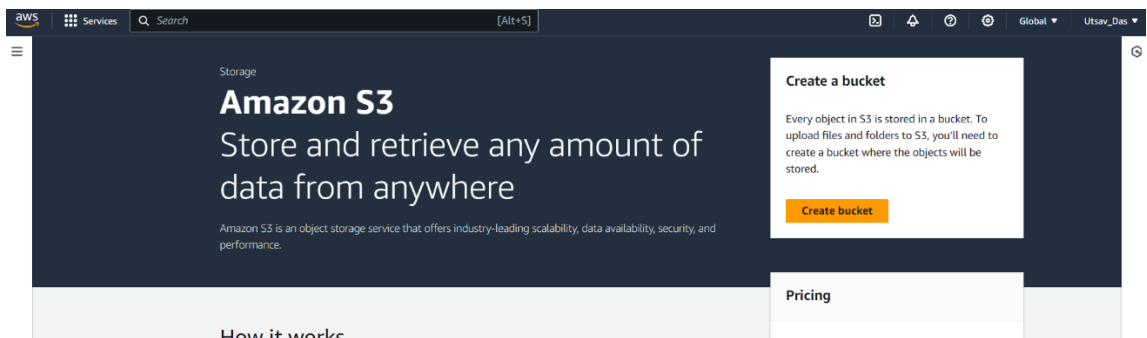
About Page

[Go to Index Page](#)
[Go to Home Page](#)

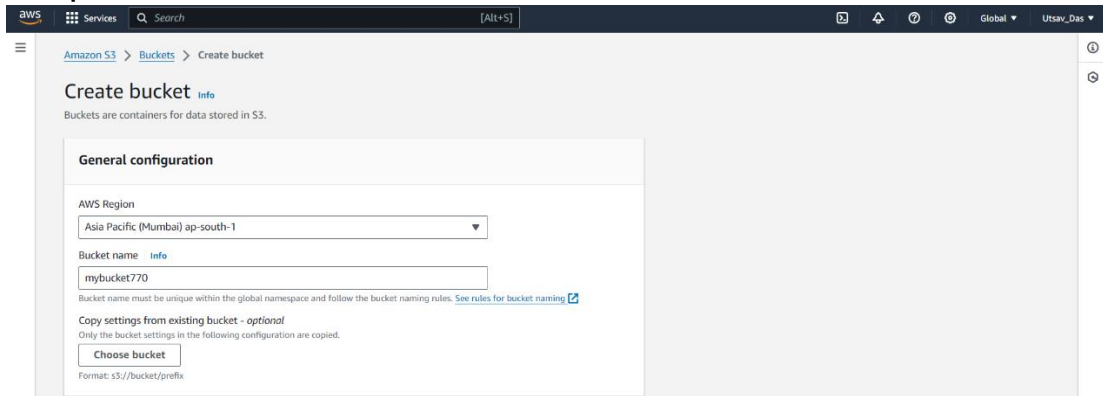
- 2) Open S3.



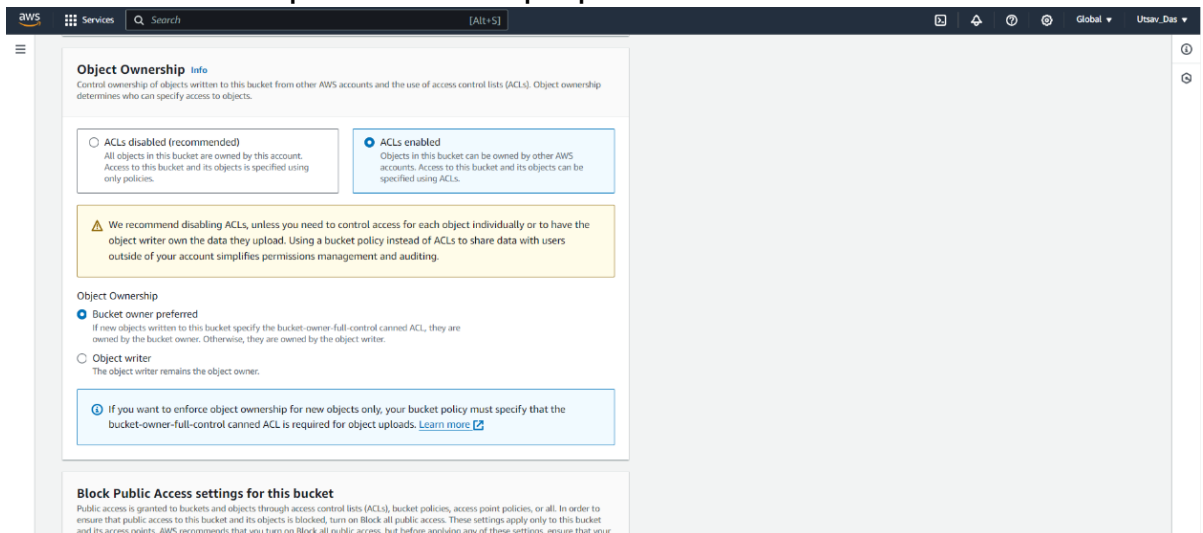
- 3) Click on Create bucket.



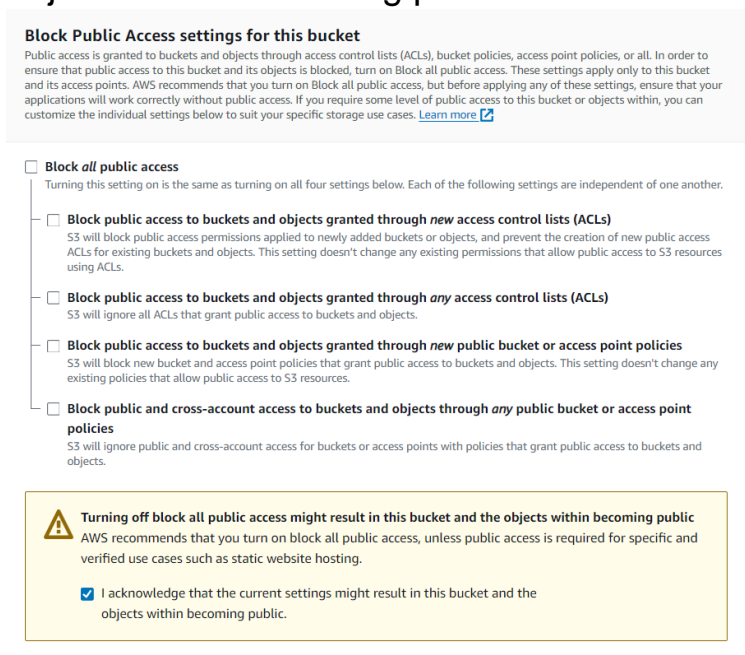
- 4) Select region Mumbai and give name of bucket and this name should be unique.



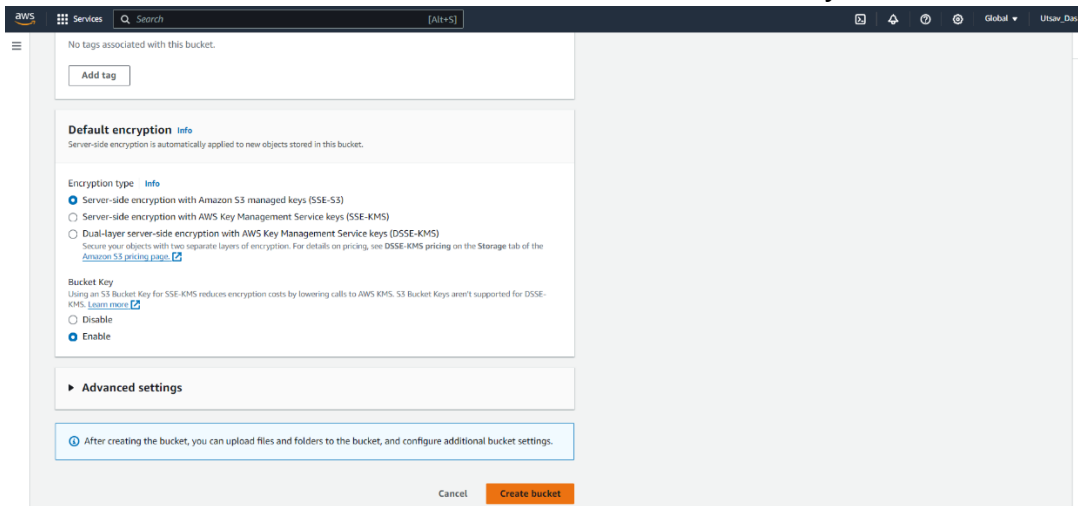
- 5) Enable ACLs for public access purpose.



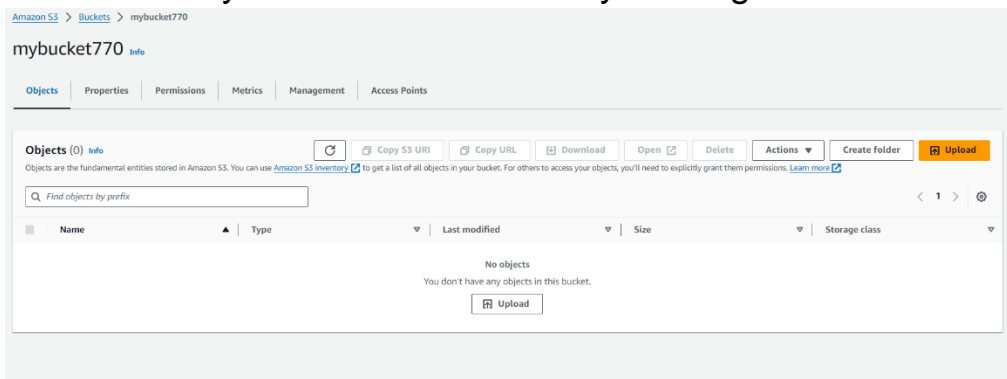
- 6) Uncheck block all public access option and click on checkbox I acknowledge that the current settings might result in this bucket and the objects within becoming public.



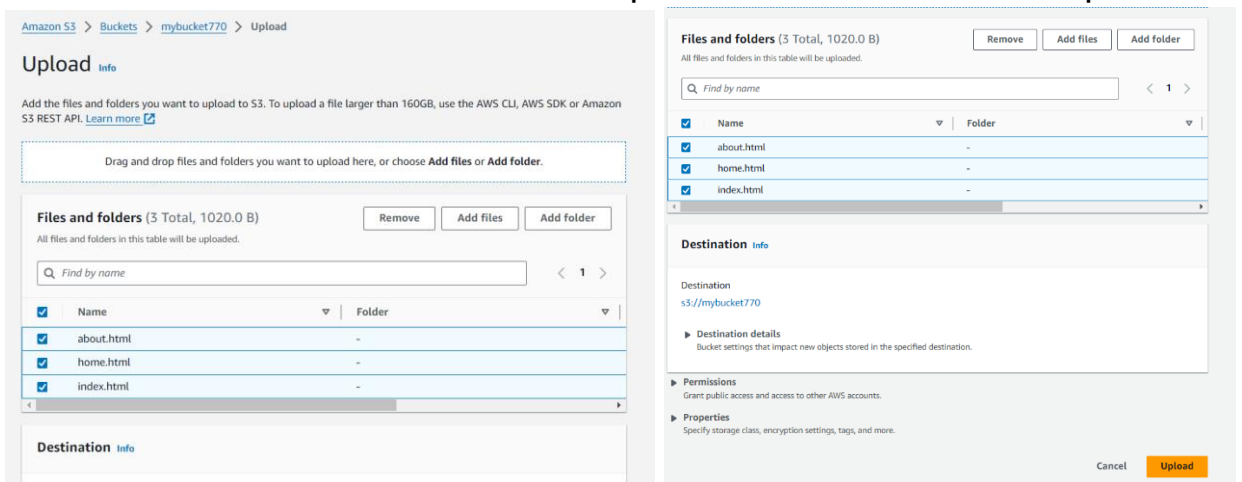
7) Click on Create bucket. Bucket will be successfully created.



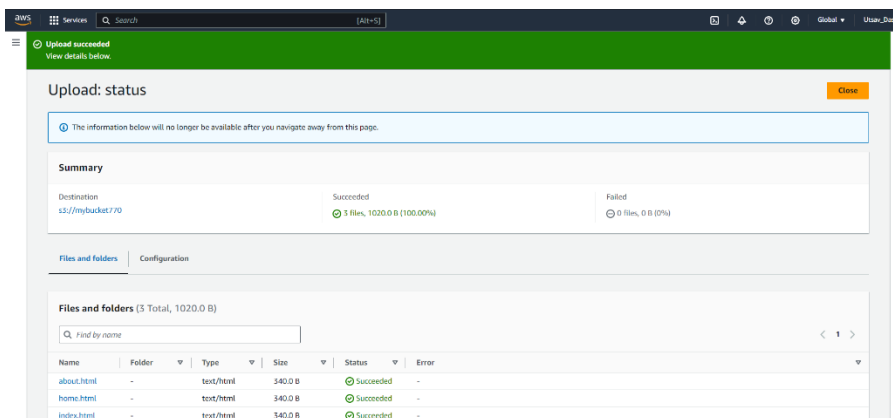
8) Enter in newly created bucket and by clicking it.



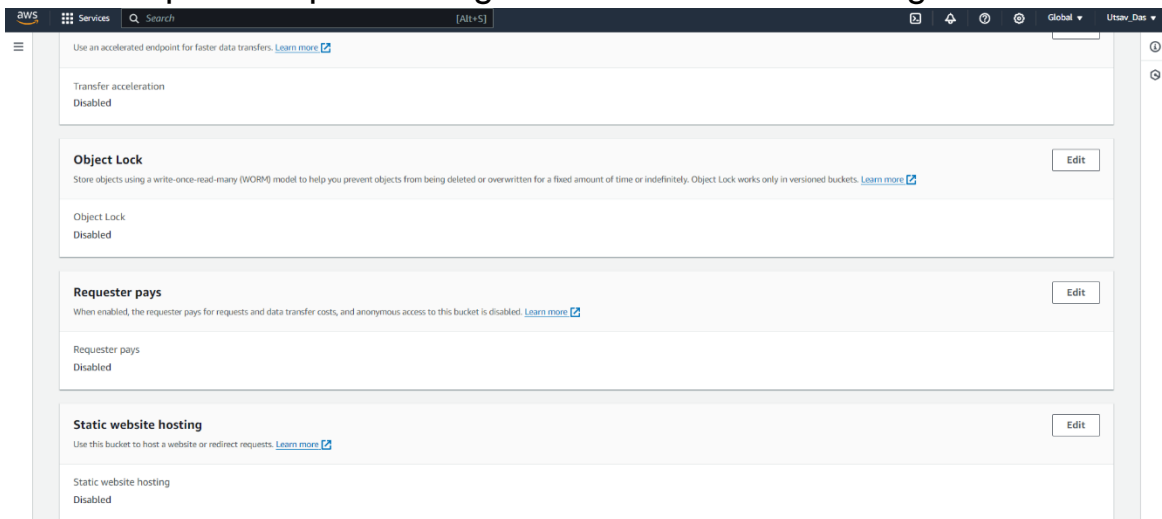
9) Start to upload each index, home, about pages. Click on upload and then Add files. Click on all checkboxes of uploaded files and click on Upload.



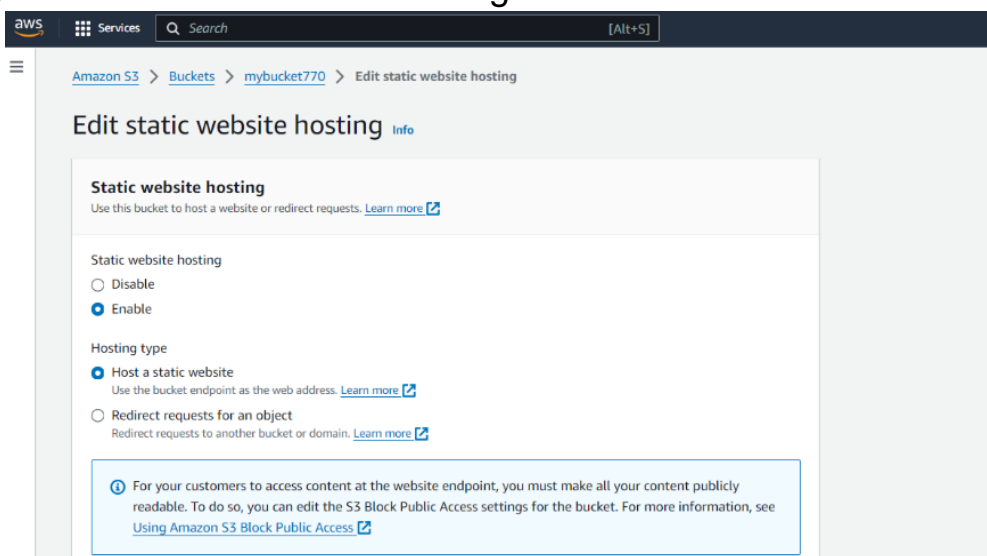
10) Click on Close.



11) Go to Properties option and go to Static website hosting and click on Edit.



12) Click on Static website hosting Enable.



13) Give name of index document as index.html. Click on Save changes.

Hosting type

☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

i For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document
Specify the home or default page of the website.

index.html

Error document - optional
This is returned when an error occurs.

error.html

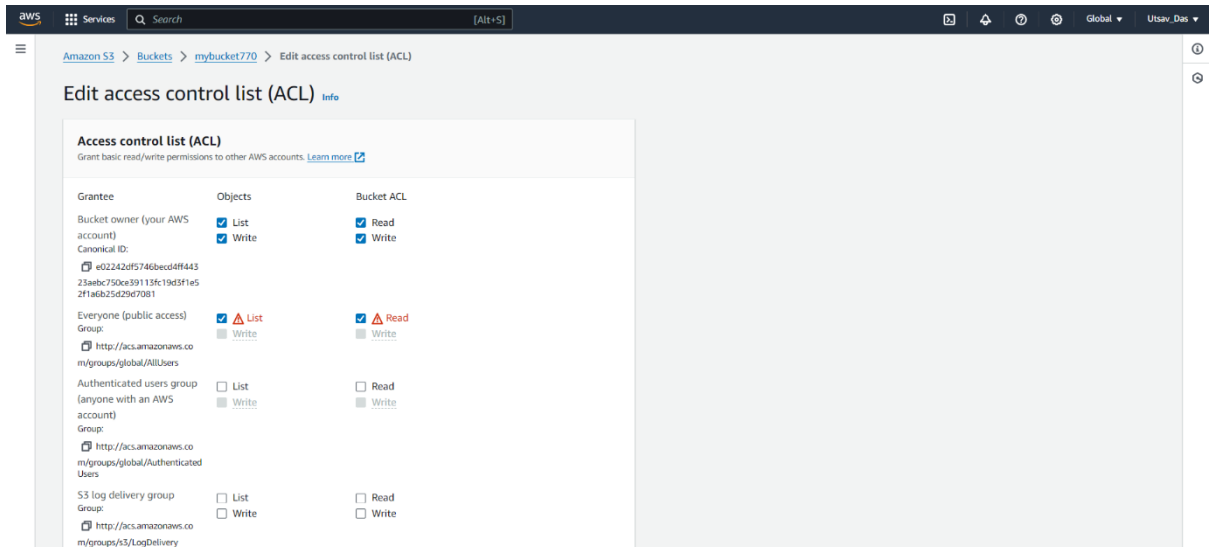
Redirection rules - optional
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

1	

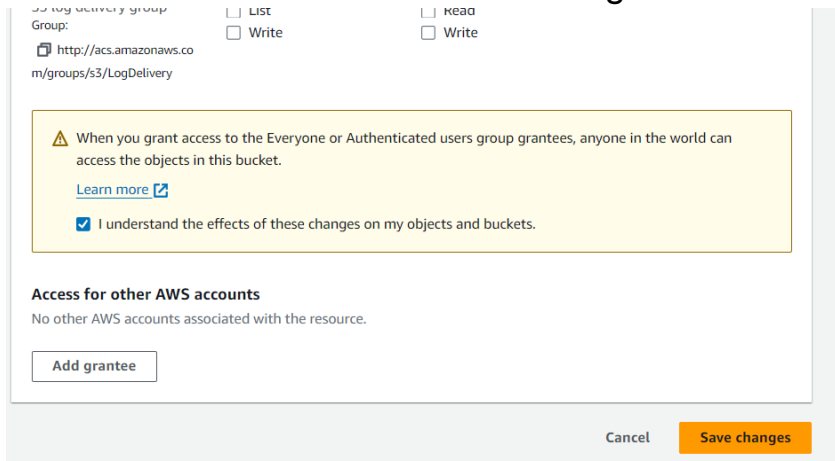
JSON Ln 1, Col 1 ✖ Errors: 0 ⚠ Warnings: 0 ⚙

Cancel Save changes

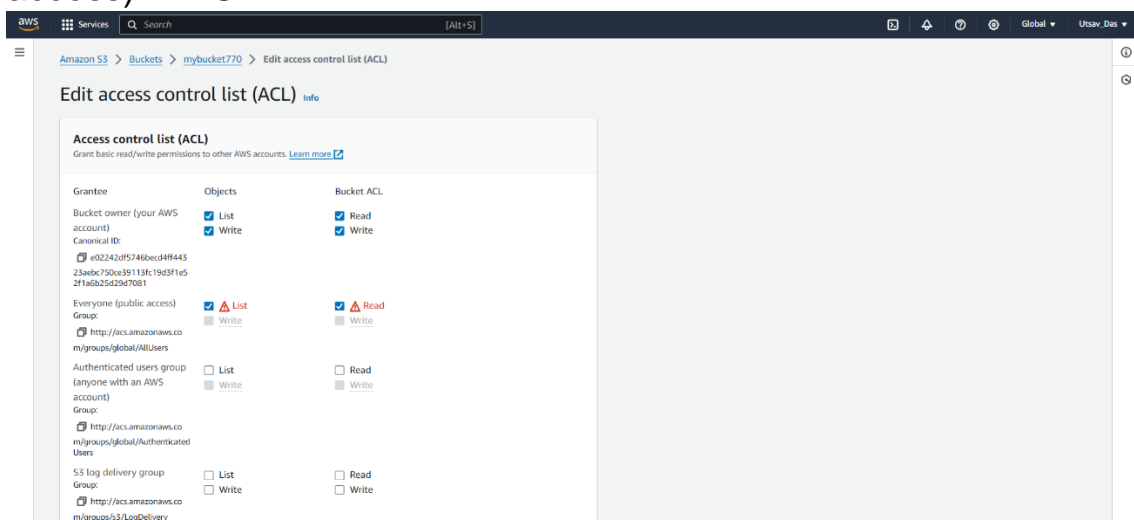
14) Go to Permission for bucket and then to ACLs and click on edit option. Then click on List and Read checkbox.



15) Click on check box 'I understand the effects of these changes on my objects and buckets' and click on save changes.



16) Each uploaded file has to be made public. So at first we enter in index.html and go to Permission section and click on Read option of Everyone(public access) in ACL.



17) Click on I understand checkbox and click on Save changes.

The screenshot shows the 'Add permissions' dialog in the AWS IAM console. It lists three groups with their permissions:

- Everyone (public access)**: Group: `http://acs.amazonaws.co`, `m/groups/global/AllUsers`. Permissions: ☒ List, ☒ Read, ☐ Write.
- Authenticated users group (anyone with an AWS account)**: Group: `http://acs.amazonaws.co`, `m/groups/global/AuthenticatedUsers`. Permissions: ☐ List, ☐ Read, ☐ Write.
- S3 log delivery group**: Group: `http://acs.amazonaws.co`, `m/groups/s3/LogDelivery`. Permissions: ☐ List, ☐ Read, ☐ Write.

A warning box states: "When you grant access to the Everyone or Authenticated users group grantees, anyone in the world can access the objects in this bucket." Below it, the checkbox "I understand the effects of these changes on my objects and buckets." is checked.

At the bottom, there is a section for "Access for other AWS accounts" with the text "No other AWS accounts associated with the resource." and an "Add grantee" button.

Buttons at the bottom right: "Cancel" and "Save changes".

18) We do same for home.html and about.html.

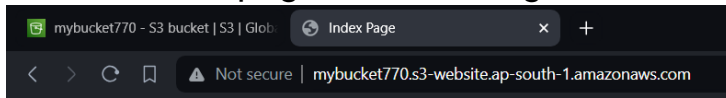
19) Then go to Properties and go to Static Website Hosting and copy the link generated at that section.

The screenshot shows the 'Properties' page for an S3 bucket in the AWS console. It has three main sections:

- Object Lock**: "Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. Object Lock works only in versioned buckets." Status: Disabled.
- Requester pays**: "When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled." Status: Disabled.
- Static website hosting**: "Use this bucket to host a website or redirect requests." Status: Enabled. It shows the "Bucket hosting" type and a "Bucket website endpoint copied" message. The endpoint URL is `http://mybucket770.s3-website-ap-south-1.amazonaws.com`.

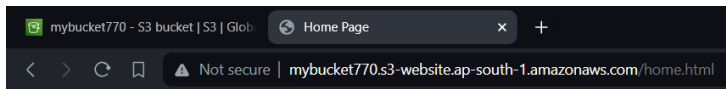
Each section has an "Edit" button in the top right corner.

20) Paste this link after copying in another tab and there we can see the website. All 3 pages are working.



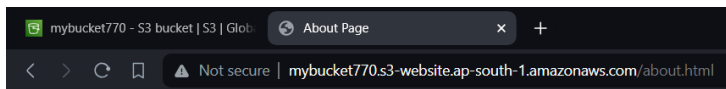
Index Page

[Go to Home Page](#)
[Go to About Page](#)



Home Page

[Go to Index Page](#)
[Go to About Page](#)



About Page

[Go to Index Page](#)
[Go to Home Page](#)