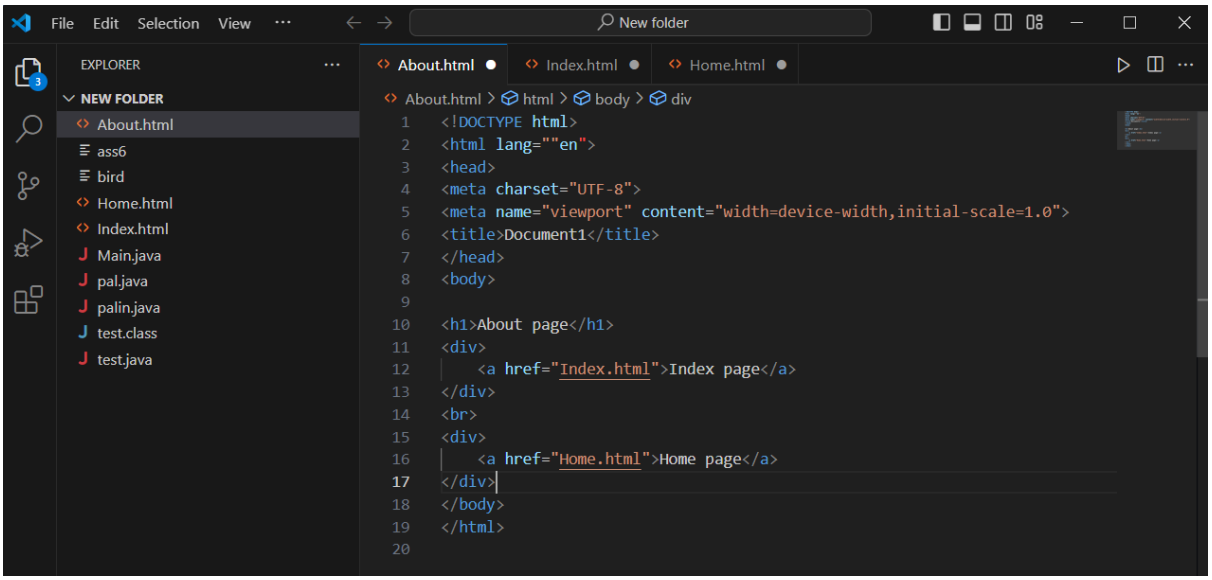
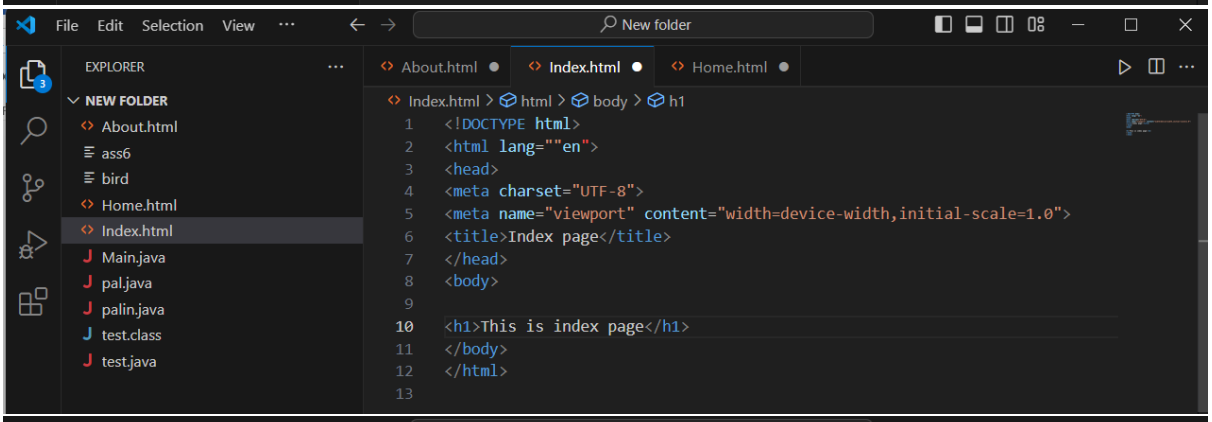
**ASSIGNMENT NO: 06**

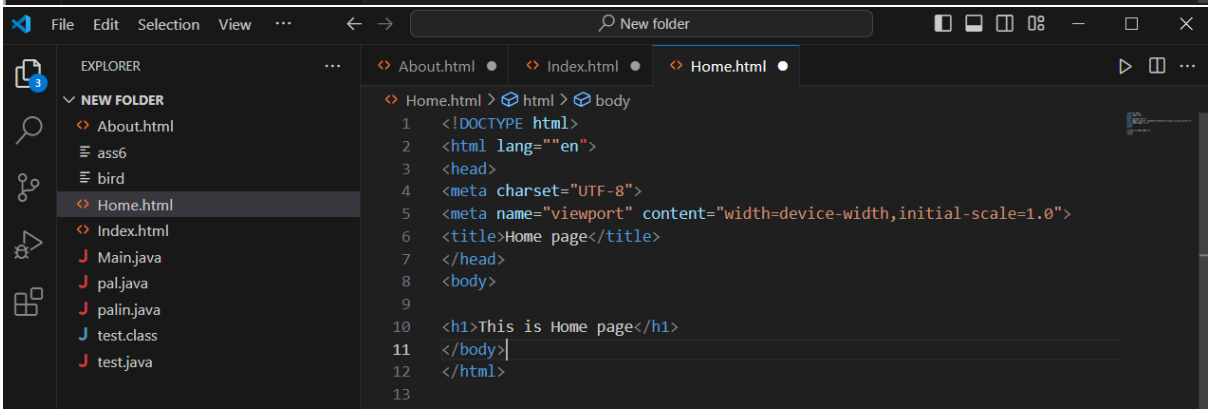
**Problem Statement:** Upload a static website on S3.

**Steps:**

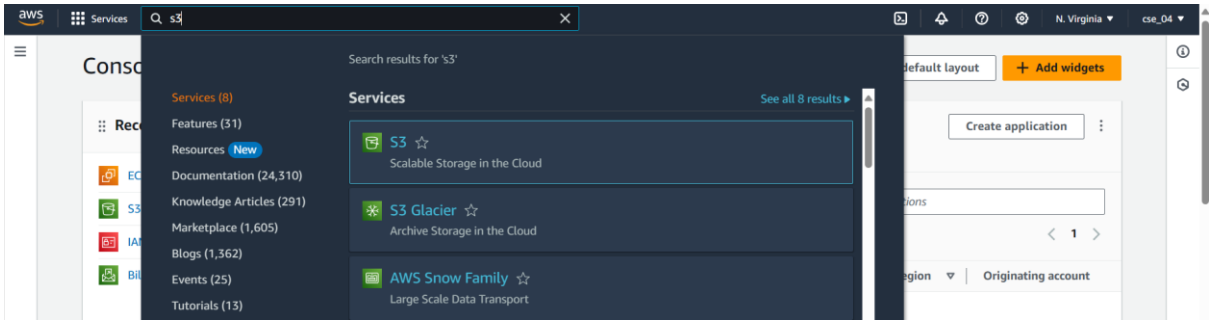
**1.** Initially, generate three HTML files**: Index, About**, and **Home**, each interlinked with one another.



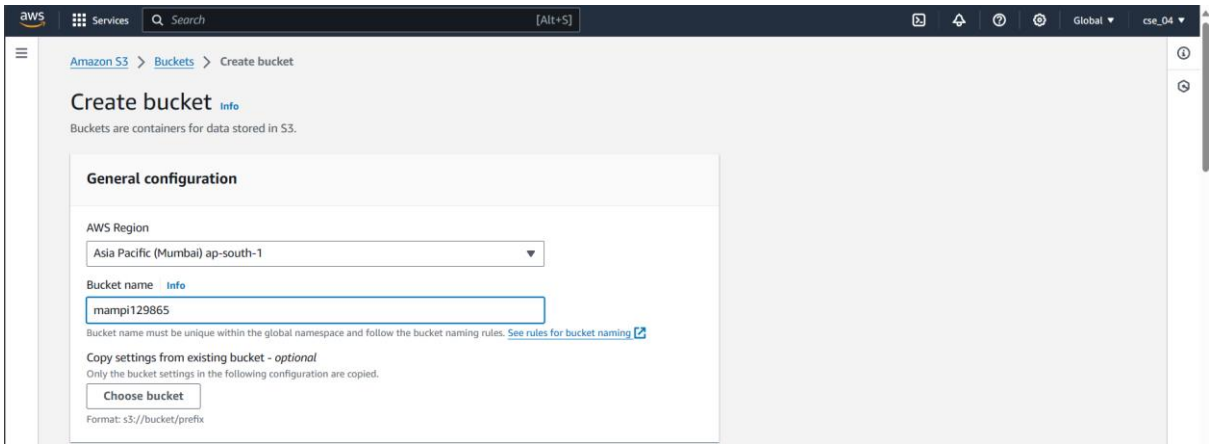




**2.** Now sign up for an AWS account, search for '**S3**' then click on it.

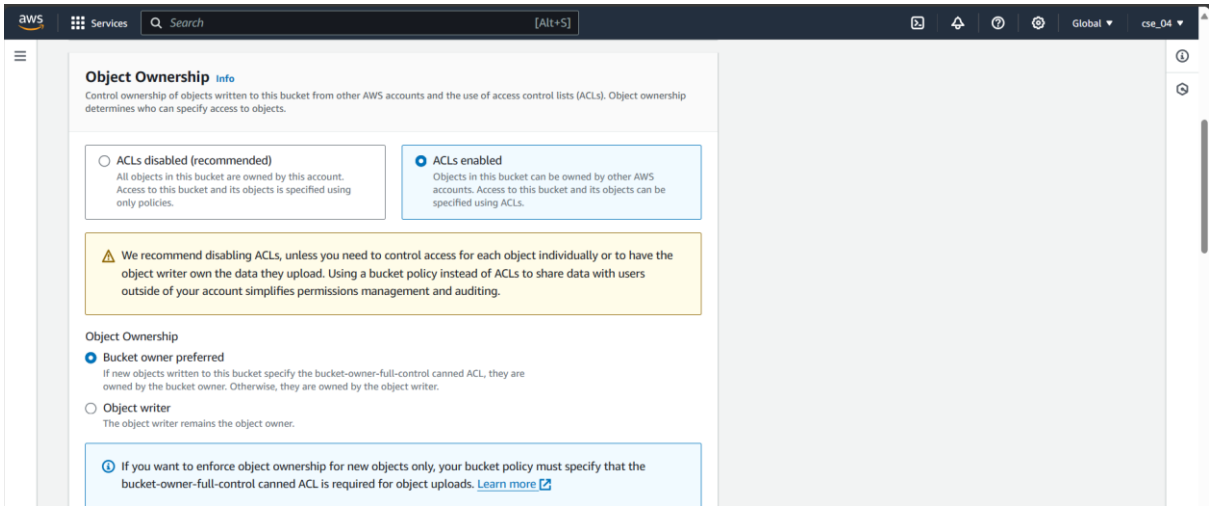



**3.** Click on '**Create bucket'**.

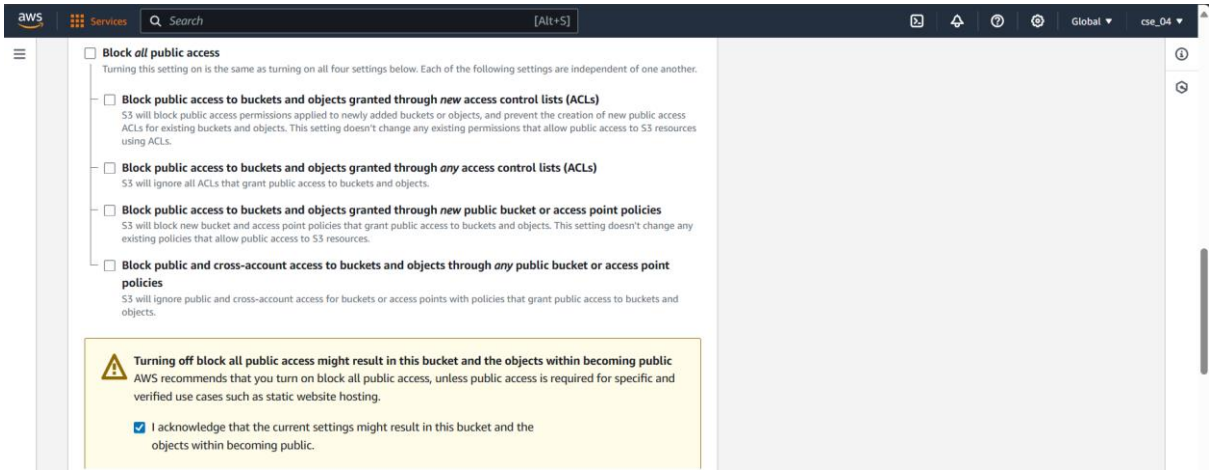

**4.** The subsequent window appears. From the drop-down menu, select '**Asia Pacific (Mumbai) ap-south-1**' as the AWS Region. Next, specify a **bucket name**.



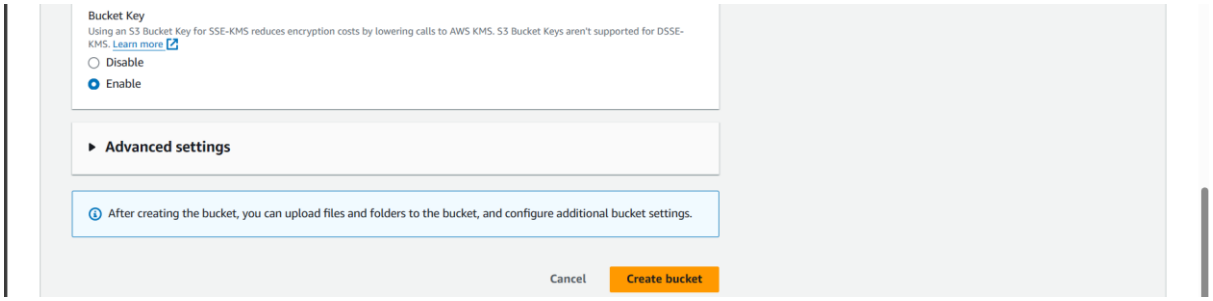

**5.** By default, the Object Ownership is set to '**ACLs disabled'** in this window. Select '**ACLs enabled'** since we are creating a public bucket for uploading static website.



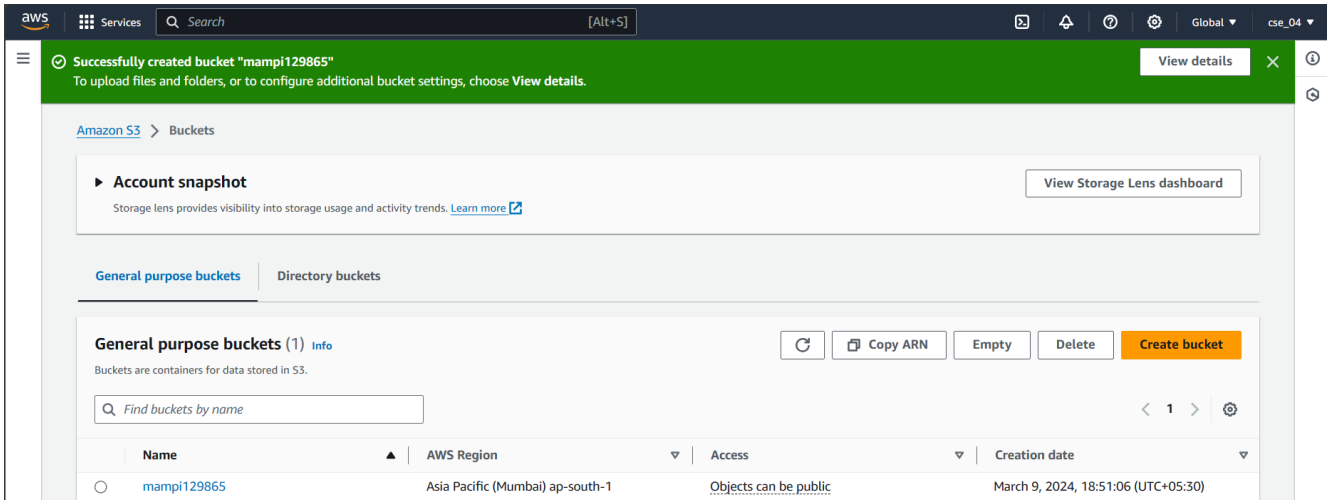

**6.** Now we uncheck '**block all public access'** option and click on checkbox '**I acknowledge that the current settings might result in this bucket and the objects within becoming public'.**



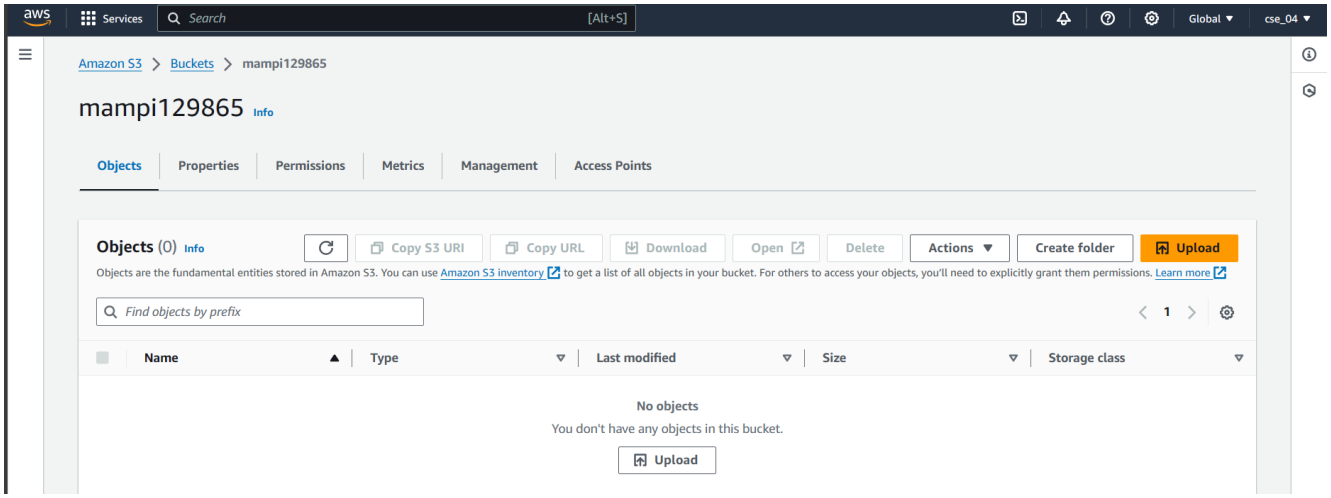

**7.** Scroll down without any further modifications and proceed to click on **'Create Bucket'.**

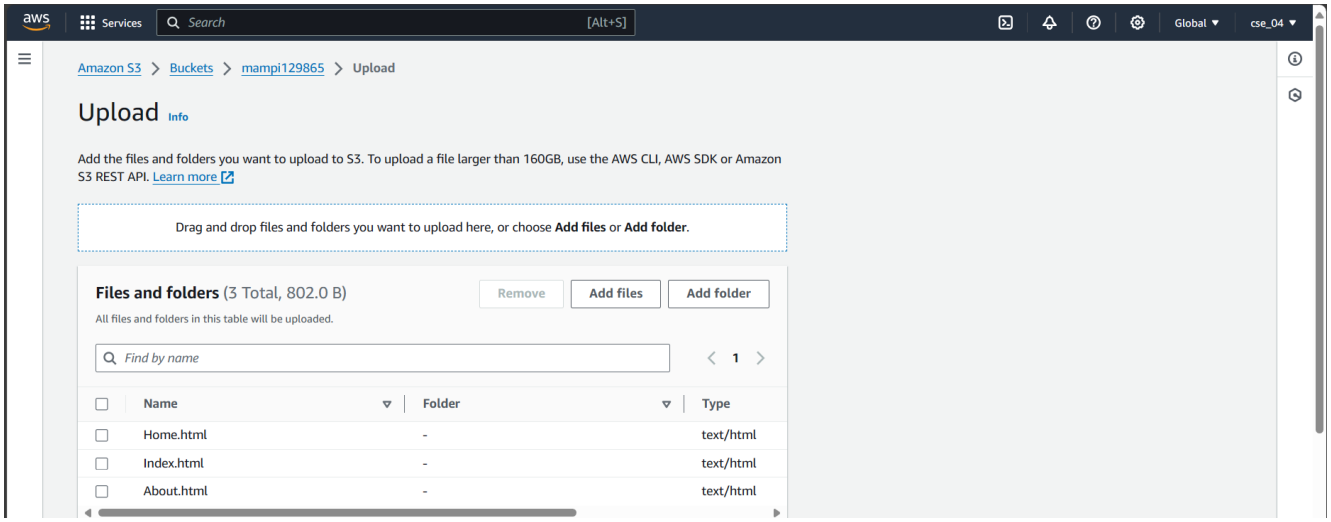



**8.** The bucket is created successfully. Now click on the bucket name.

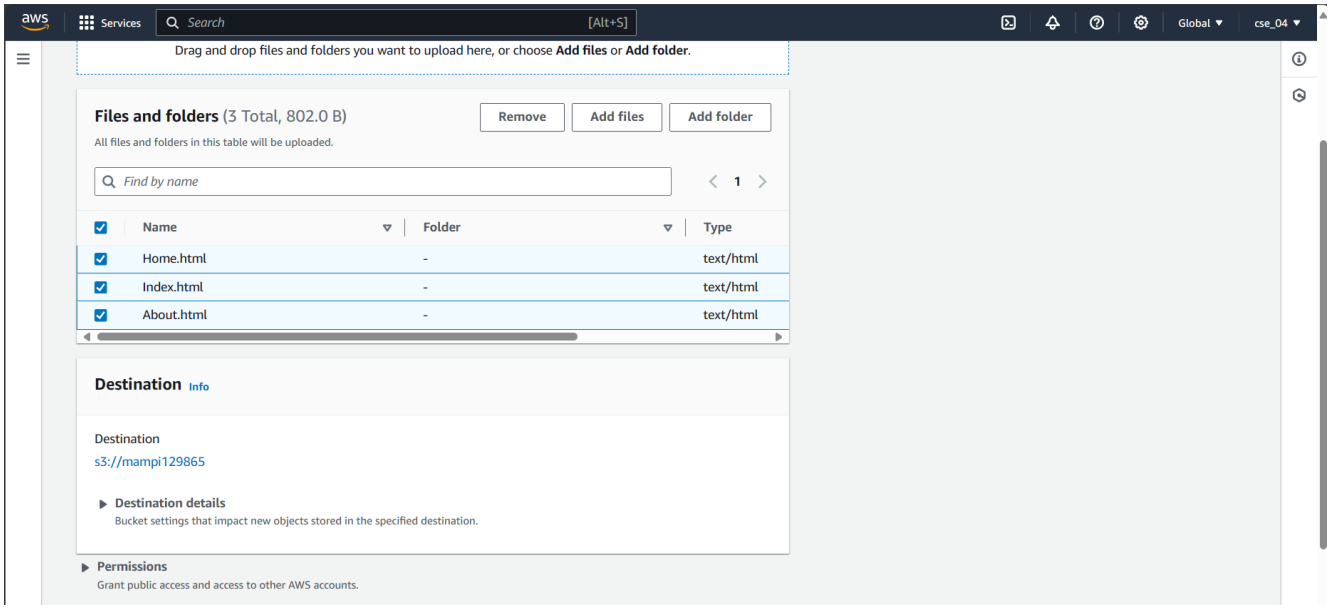



**9.** Choose the '**Upload**' option, which will lead to the opening of the subsequent window. From there, click on **'Add files'** and proceed to upload your desired file into the selected bucket. In this case, add the 3 HTML files.

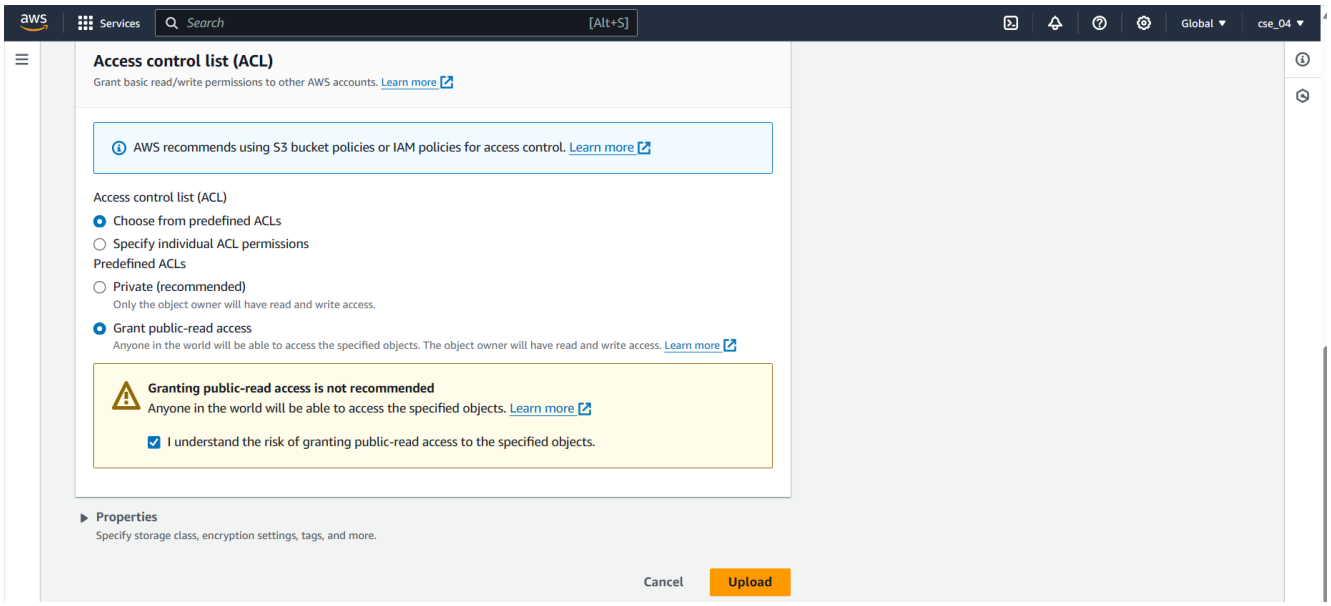


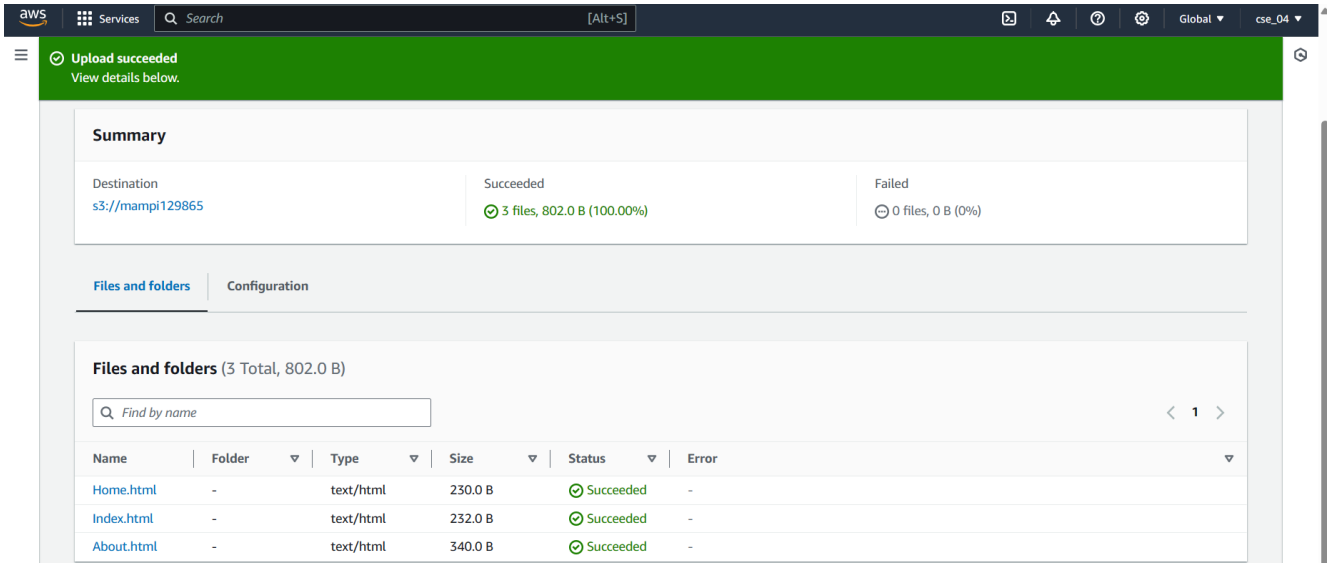

**10.** Select all three files and proceed to the **Permissions** settings.



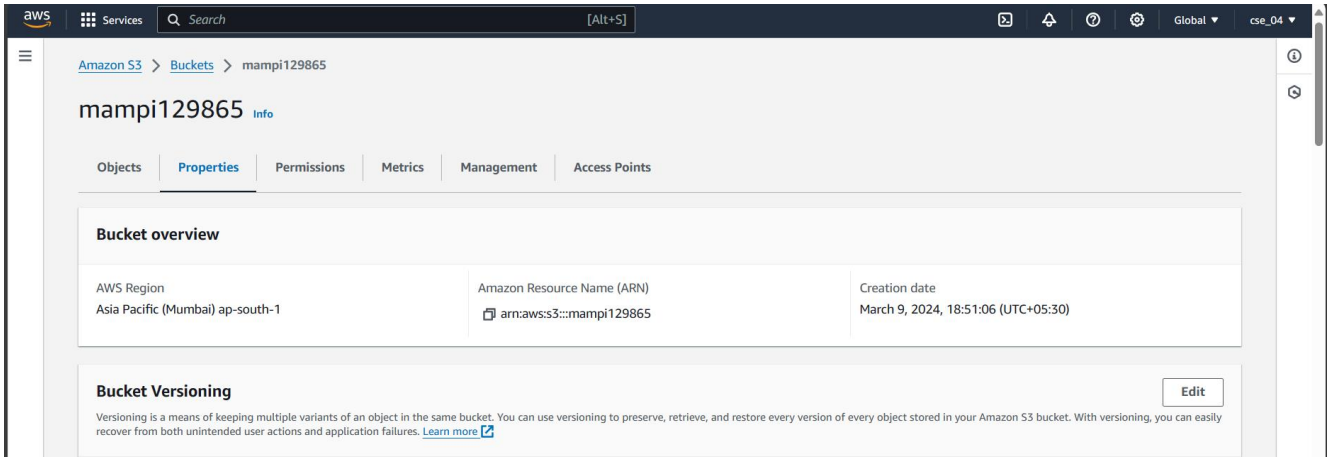

**11.** Next, click to **Grant public read access** and then ensure to mark the checkbox '**I understand the risk of granting public-read access to the specified objects'** provided below. Then click on **Upload**.



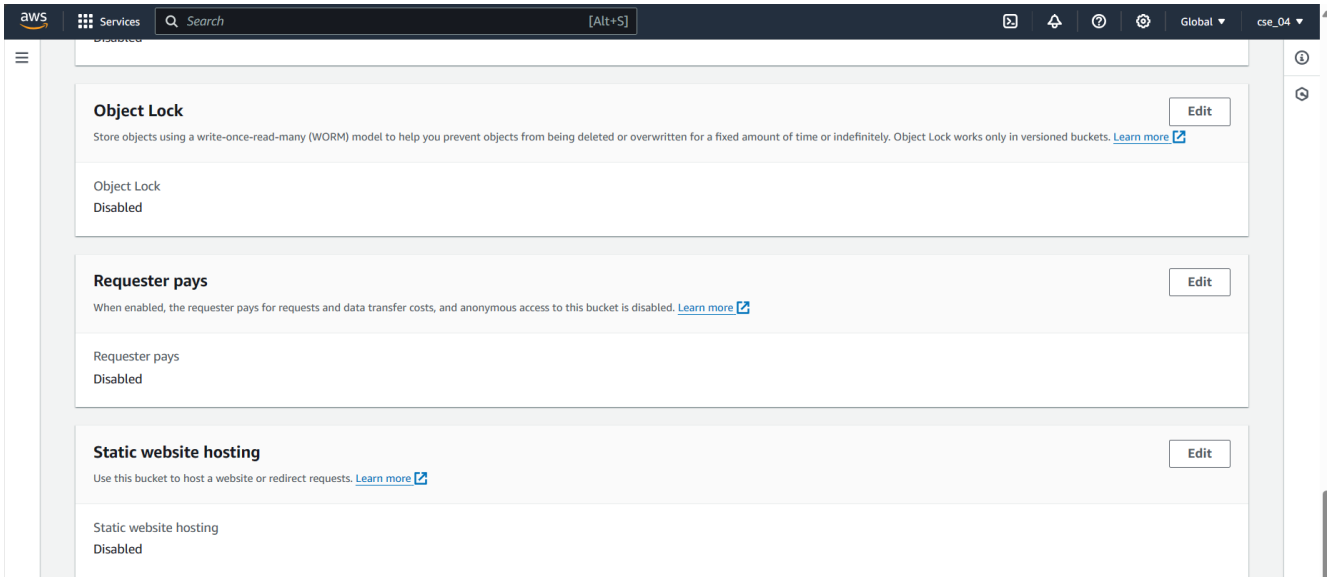

**12.** The notification confirms that the file has been successfully uploaded. Click on **'Close'** to return.



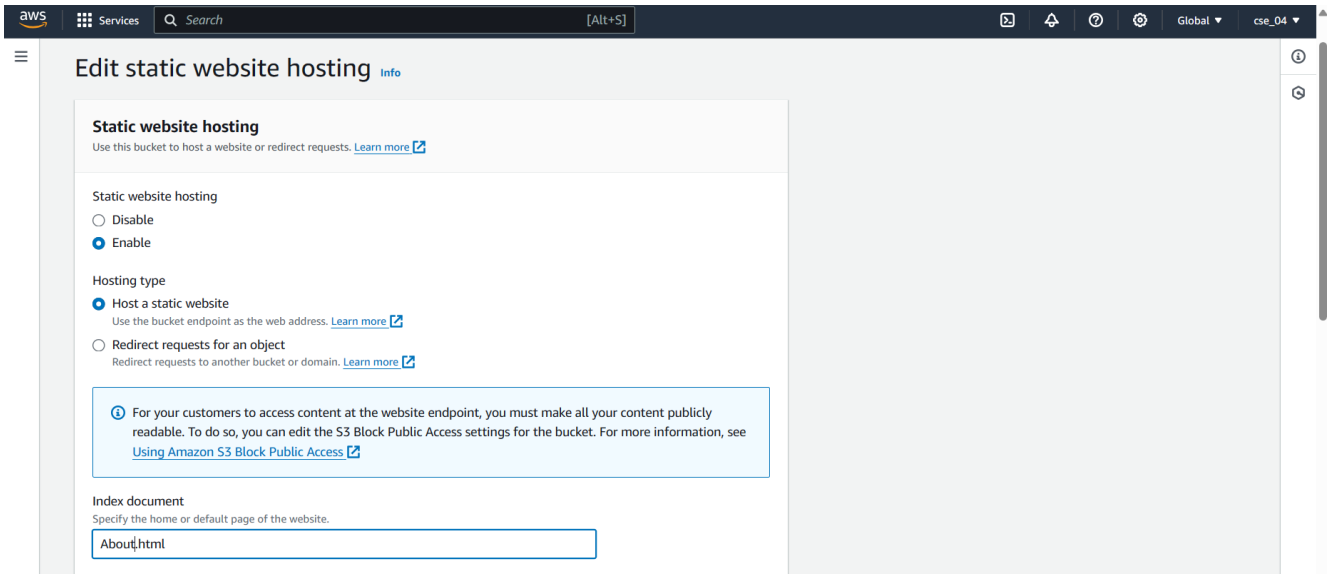

**13.** Proceed to the **Properties** section now.

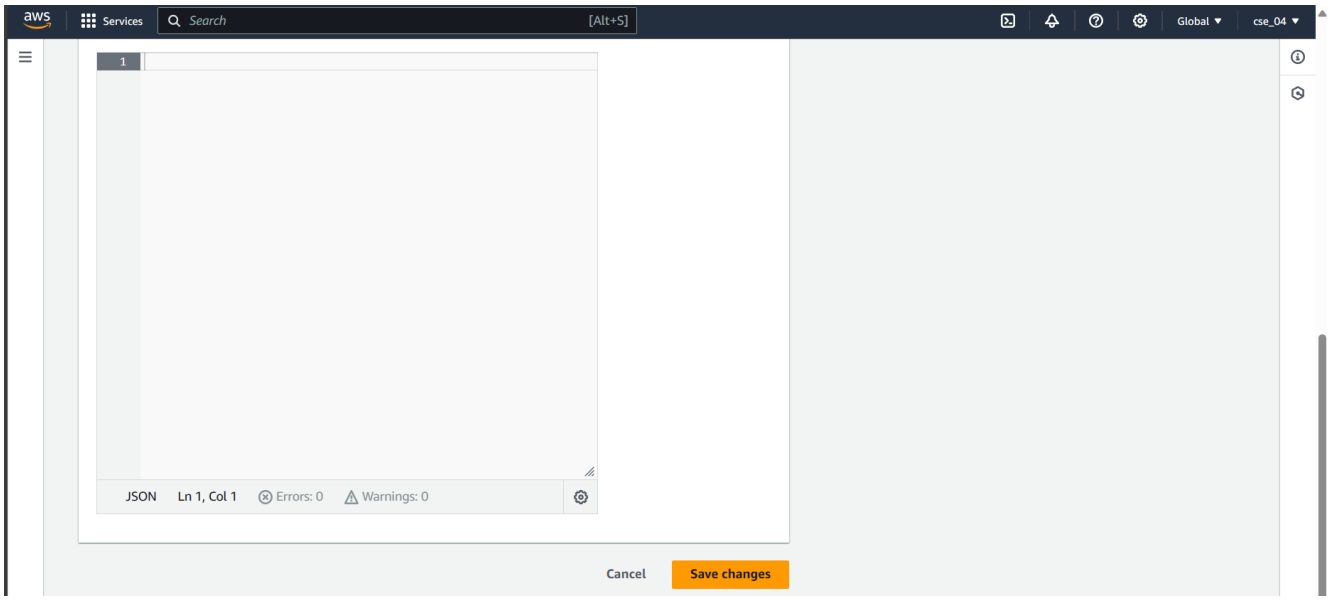



**14.** Continue scrolling downwards and locate the option for **static website hosting**, then proceed to click on the "**Edit**" button.

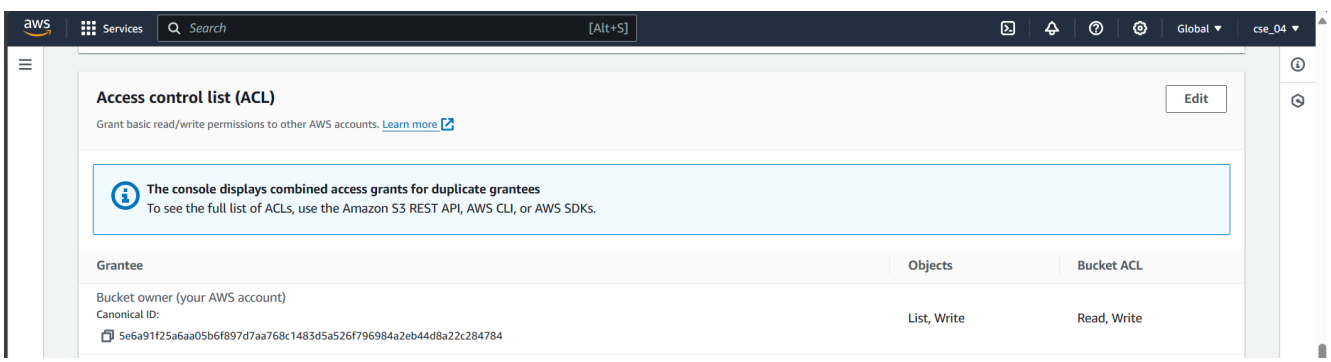


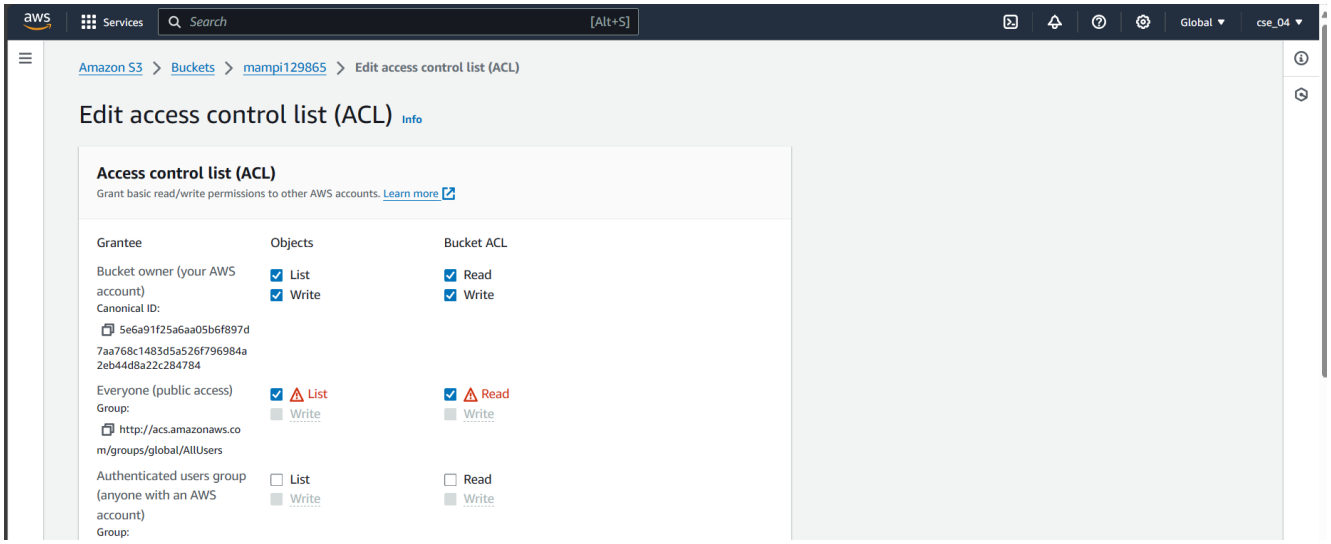
**15.** Under '**Static website hosting'**, click on '**Enable**', then fill in the name of **index document** and click on **Save changes**.



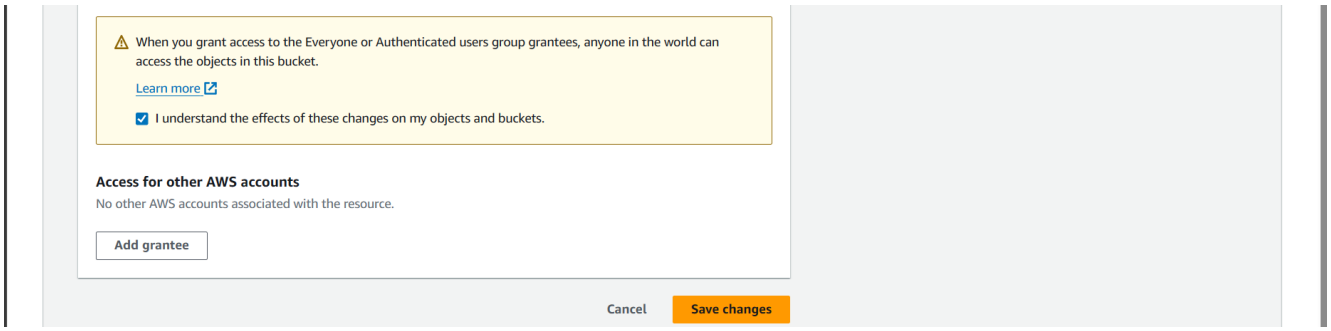




**16.** Now go to **Permission** for bucket and then to **ACL** and click on **edit** option. Then click on **List** and **Read checkbox**.

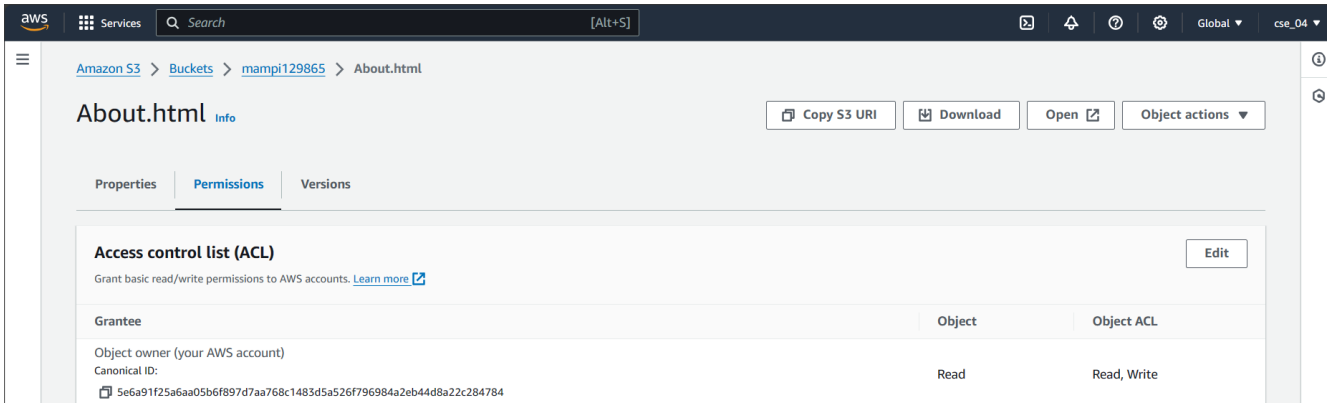


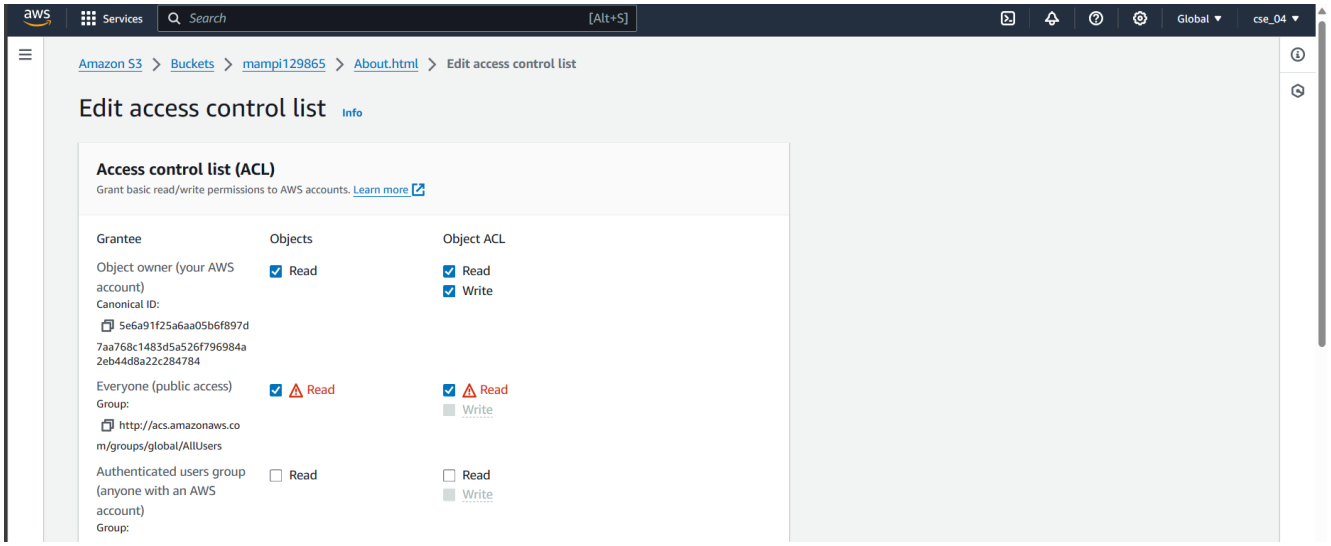



**17.** Now click on check box '**I understand the effects of these changes on my objects and buckets'** and click on **Save changes.**

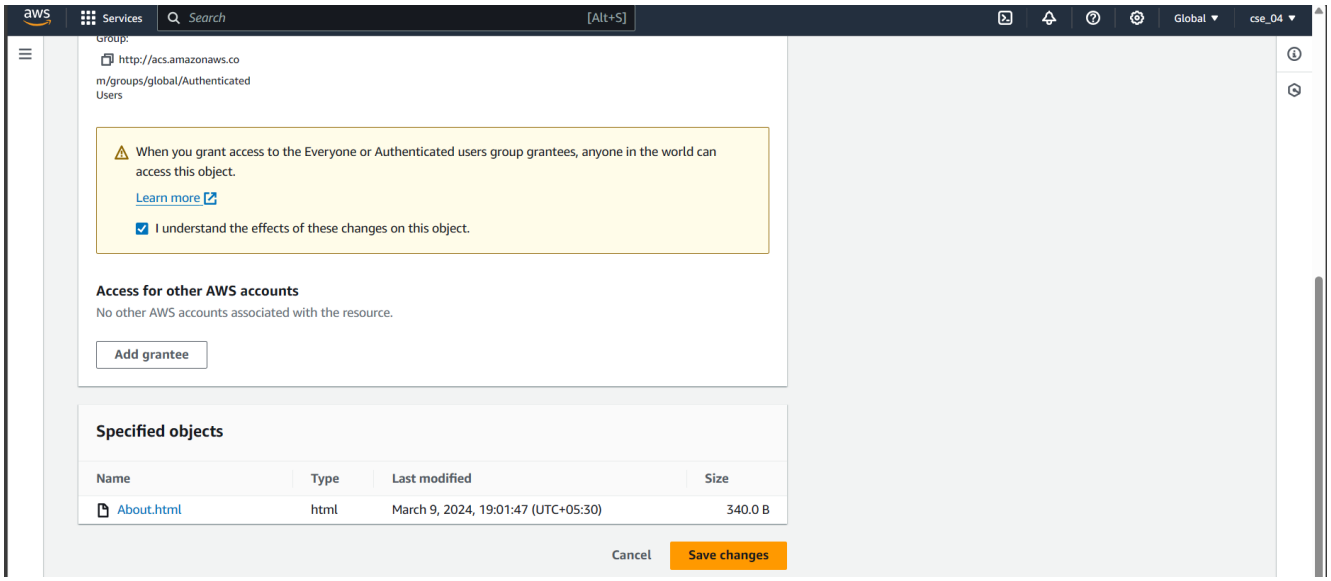



**18.** Now for each uploaded files we have to make it public. So at first we enter in index.html and go to **Permission** section and click on **Read** option of **Everyone(public access)** in **ACL**.

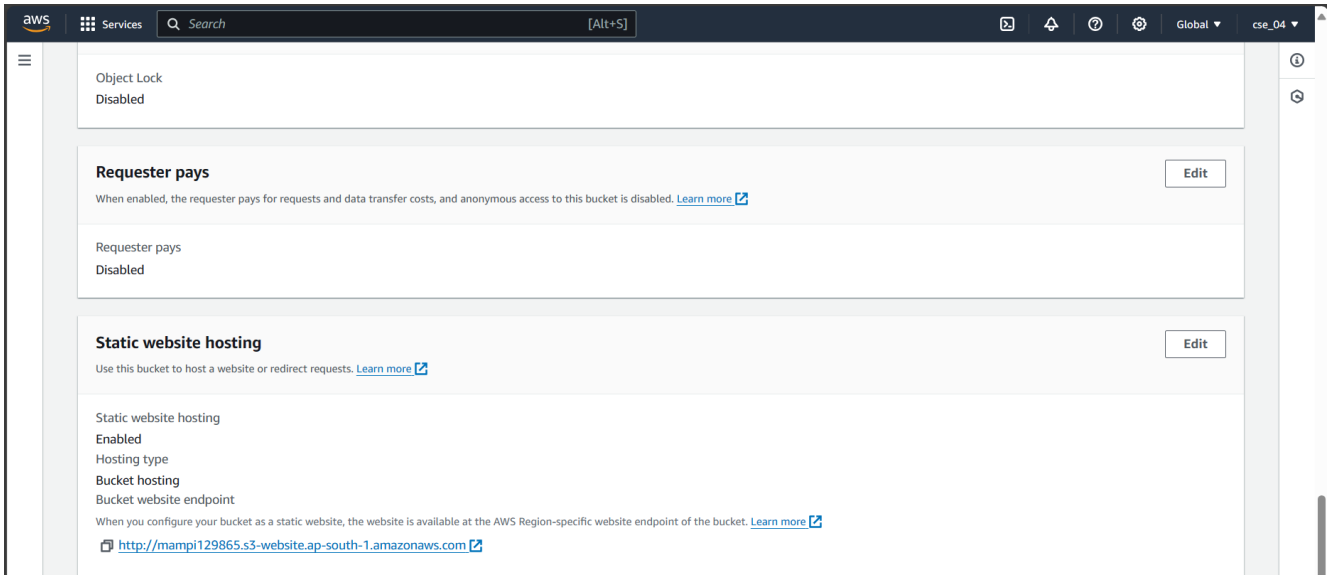





**19.** Then again click on '**I understand the effects of these changes on this object'** checkbox and click on **Save changes**. Now we have to do same for rest of home.html and about.html also.




**20.** Now go to **Properties** and go to **Static Website Hosting** and copy the link generated at that section.




**21.** Now paste this link after copying in another tab and there you can see your website. And also other two pages also working.