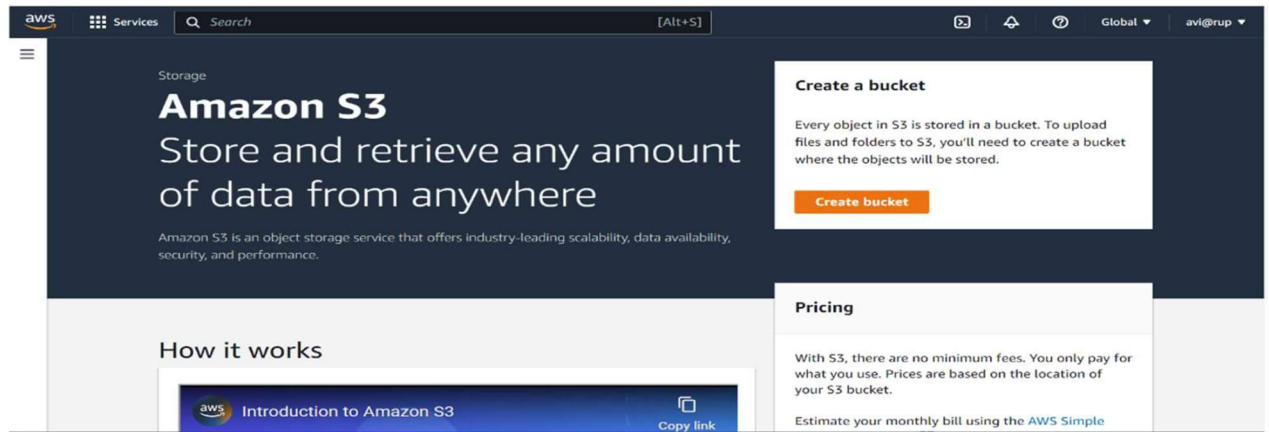


ASSIGNMENT 6

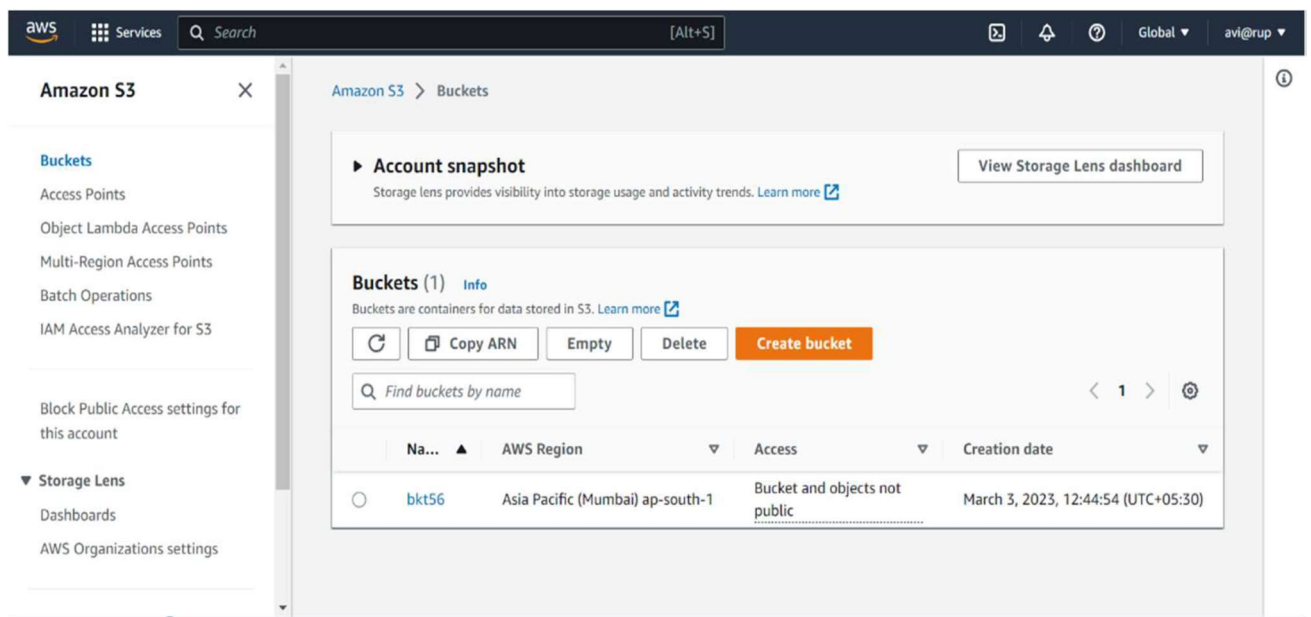
Problem Statement: Upload a static website on S3.

Procedure:

1. Sign in to your AWS account as a root user.



2. Then create a **public S3 bucket**.



3. Now create three html files in a folder in Desktop.
 - a. The first one is named Home.html
 - b. The second one is named About.html
 - c. The third one is named next.html

We are going to use the given file names to proceed.

The contents of the files are shown in the given snapshots.....

```
Home.html
File Edit View

<html>
<body bgcolor="yellow">
<h1>Welcome to my page</h1>
<a href="next.html"><h2>Go to Next</h2></a>
<a href="About.html"><h2>Go to About</h2></a>
</body>
</html>
```

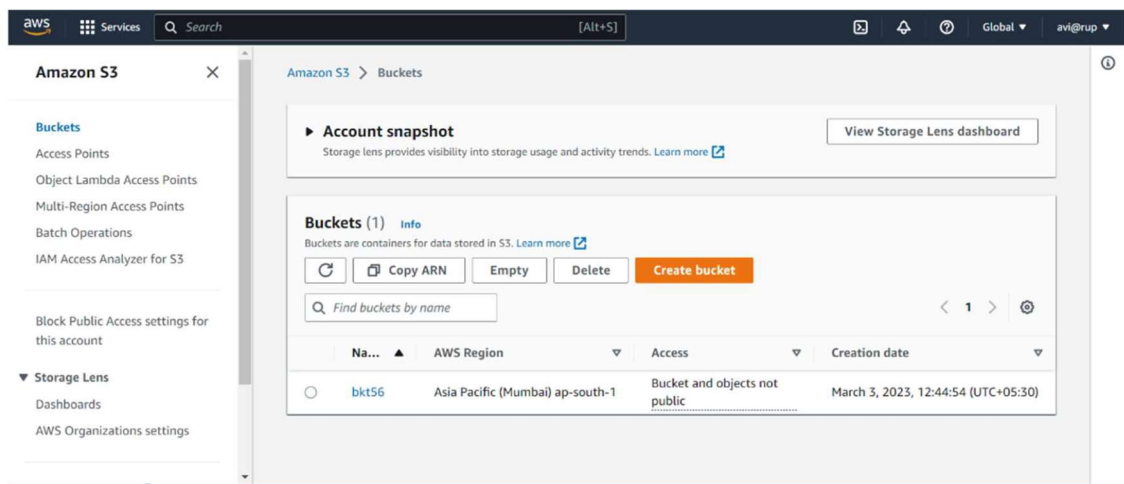
```
About.html
File Edit View

<html>
<body bgcolor="pink">
<h1>Hello World</h1>
<a href="Home.html"><h2>Go to Home</h2></a>
<a href="next.html"><h2>Go to Next</h2></a>
</body>
</html>
```

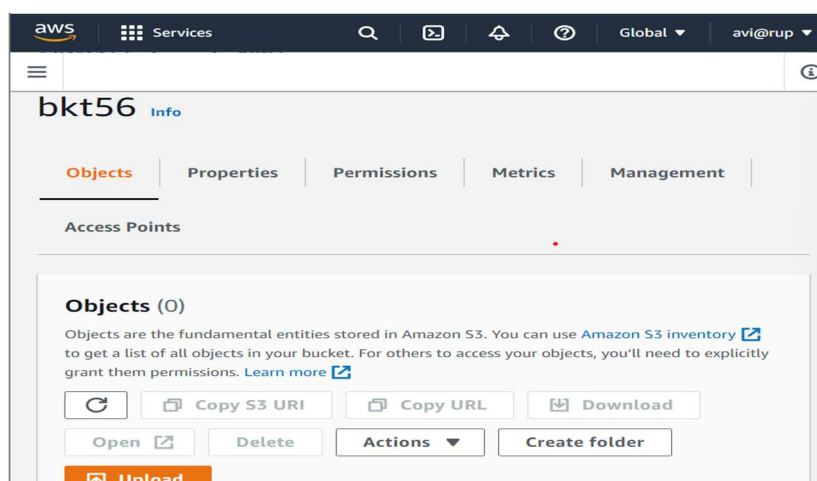
```
next.html
File Edit View

<html>
<body bgcolor="aqua">
<h1>Welcome to my page</h1>
<a href="Home.html"><h2>Go to Home</h2></a>
<a href="About.html"><h2>Go to About</h2></a>
</body>
</html>
```

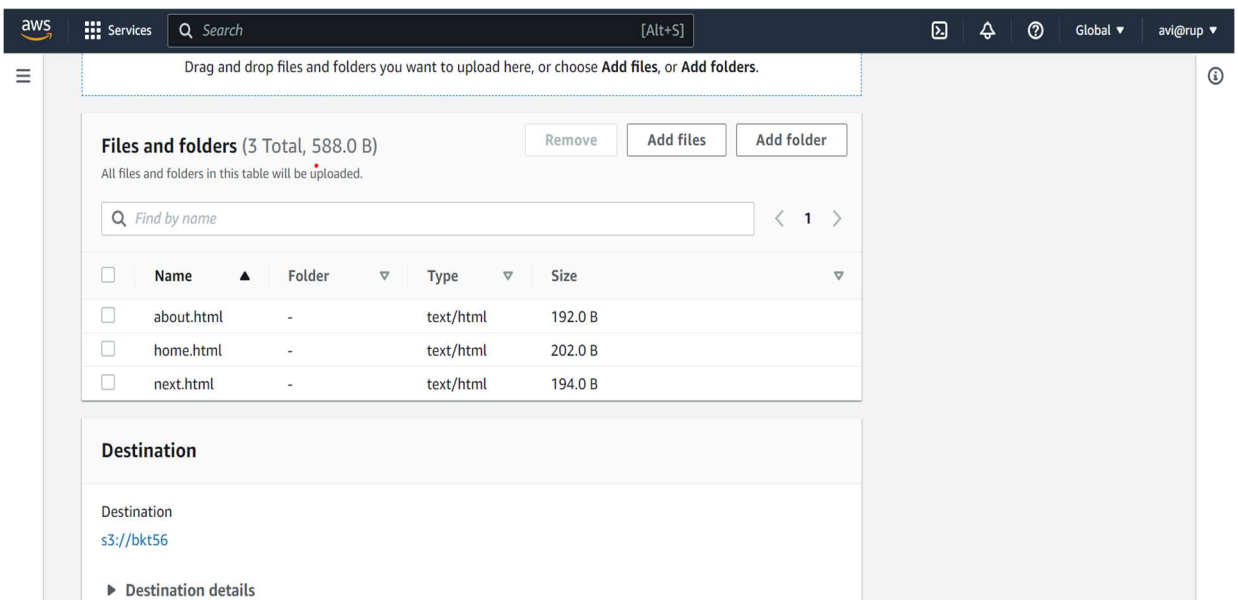
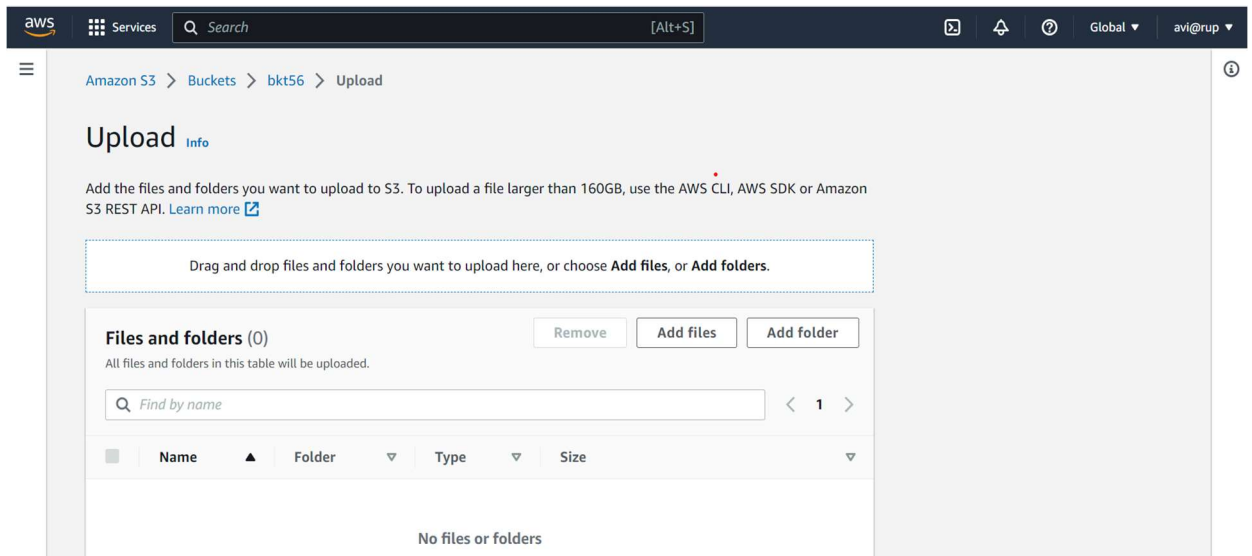
4. Now let us go back to AWS. Select the newly created public bucket.



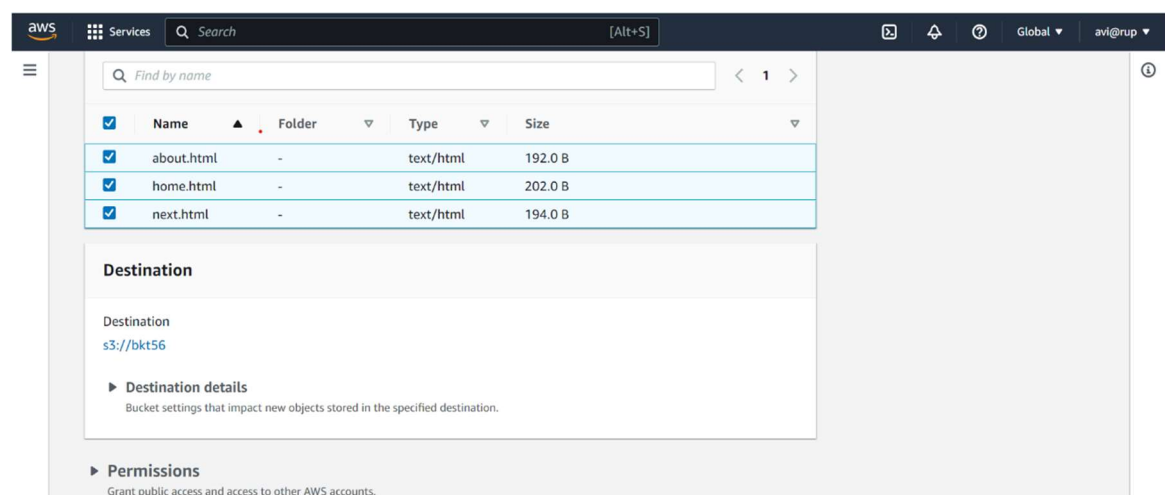
5. Click the upload button.



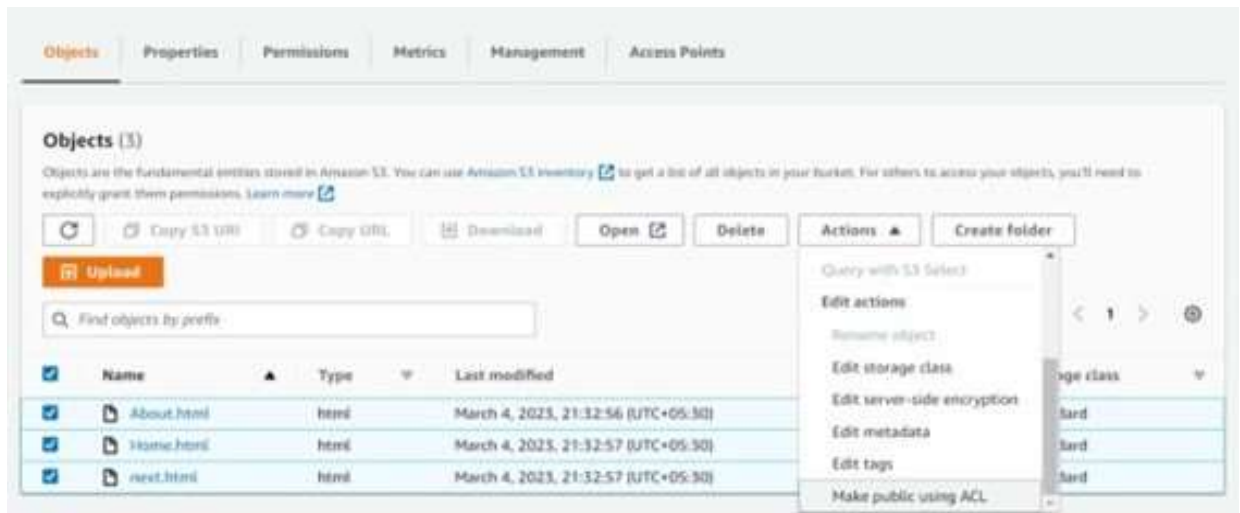
- Next click on the add files button. Select all the three html files and upload them by pressing the upload button.



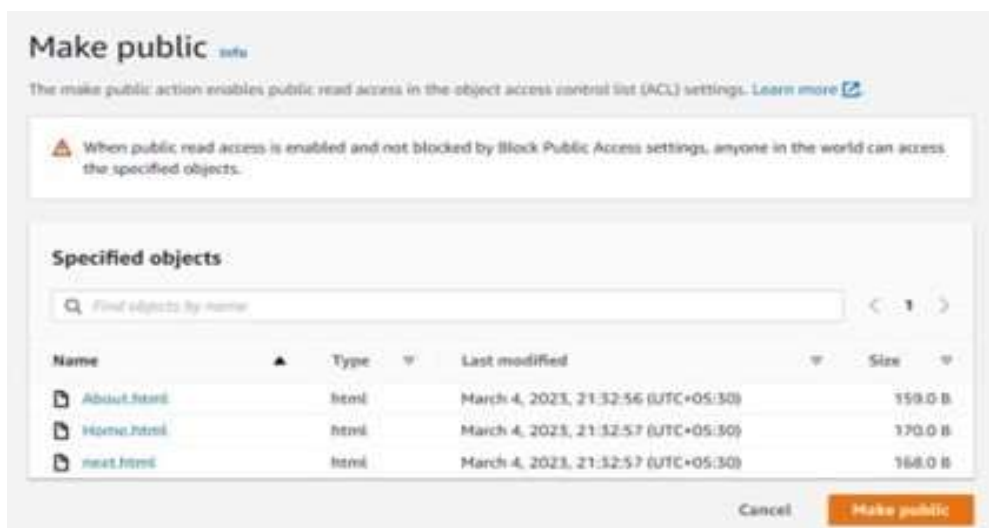
- Now, after closing the upload status page after all files are updated, select all files shown in the object table in the public bucket.



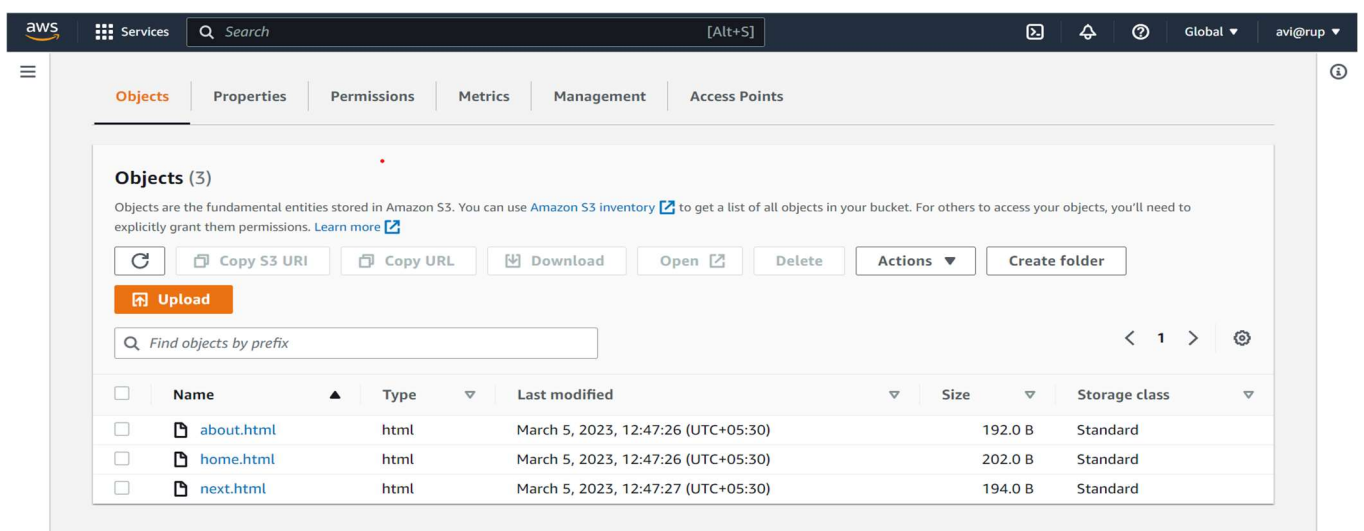
- Click on the actions button and from the subsequent dropdown menu select Make public using ACL.



- Click on Make public button to make all the selected files public.



- Now, we after making public we close the status page and we are redirected to our public bucket page. Now we select the properties tab of the bucket which is located in the right side of the objects tab (in orange font).

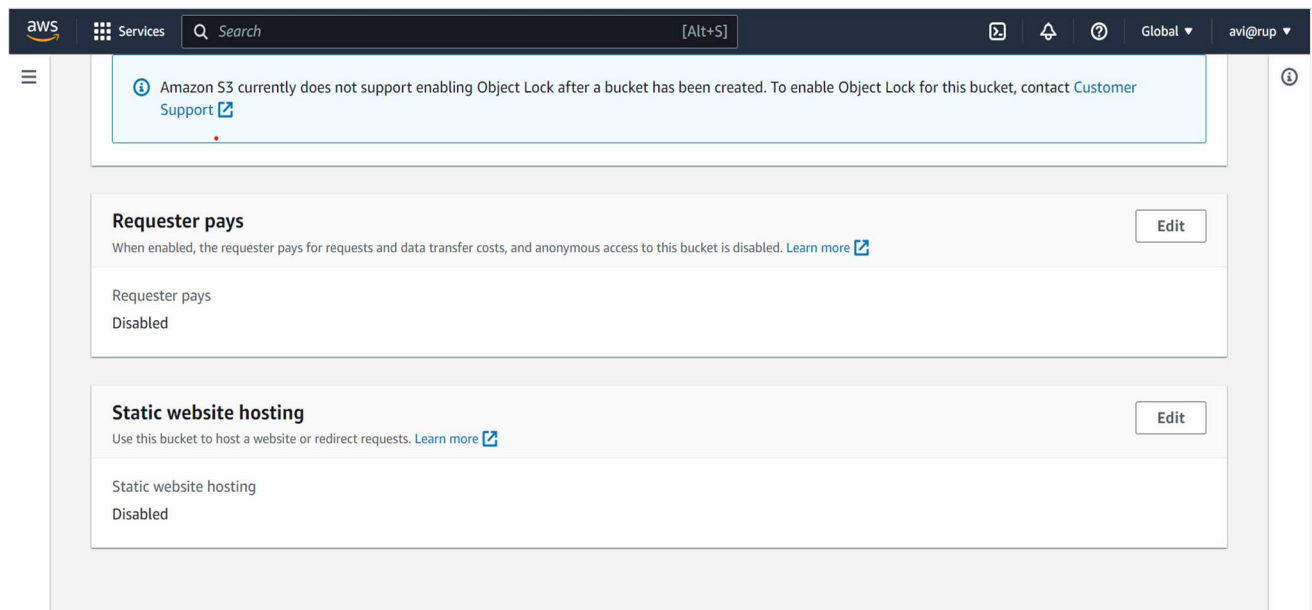


11. After arriving in the properties tab. Scroll down all the way to the bottom.

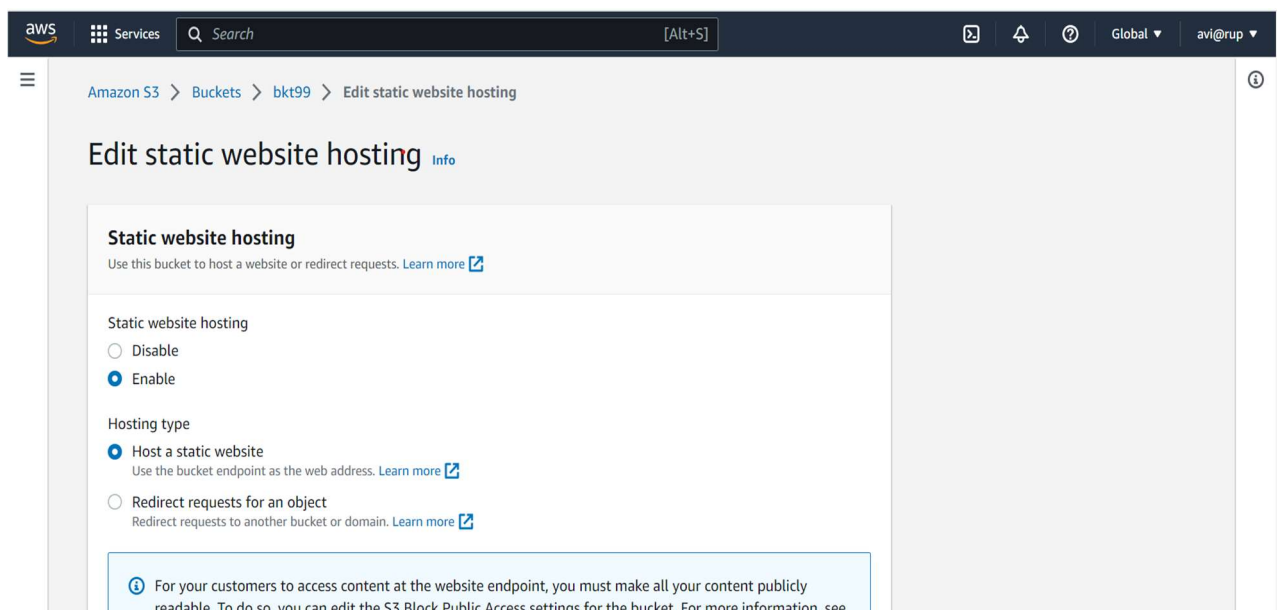
We will focus only on the Static website hosting section.

By default, it will show disabled.

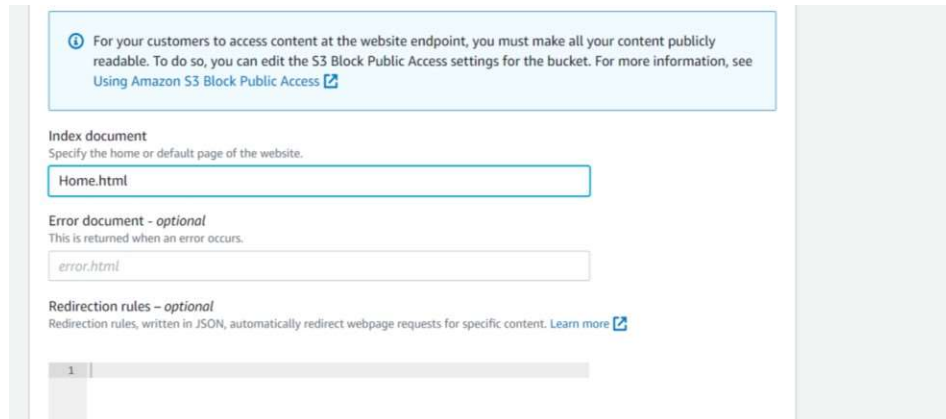
We have to enable it. In order to do so click on the Edit button on the right-hand side of the section.



12. Now we will choose the enable option. After choosing it multiple options will appear. Just follow the snapshot provided below and make the same changes.



13. Next scroll down. Now we have to mention the html document our link will show. This is the one which anyone can access using the bucket link. In our case we will mention Home.html as our index or main html file. You can choose according to your wish and design.



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.

Home.html

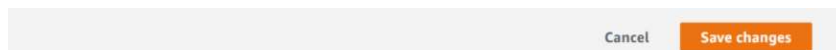
Error document - optional
This is returned when an error occurs.

error.html

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

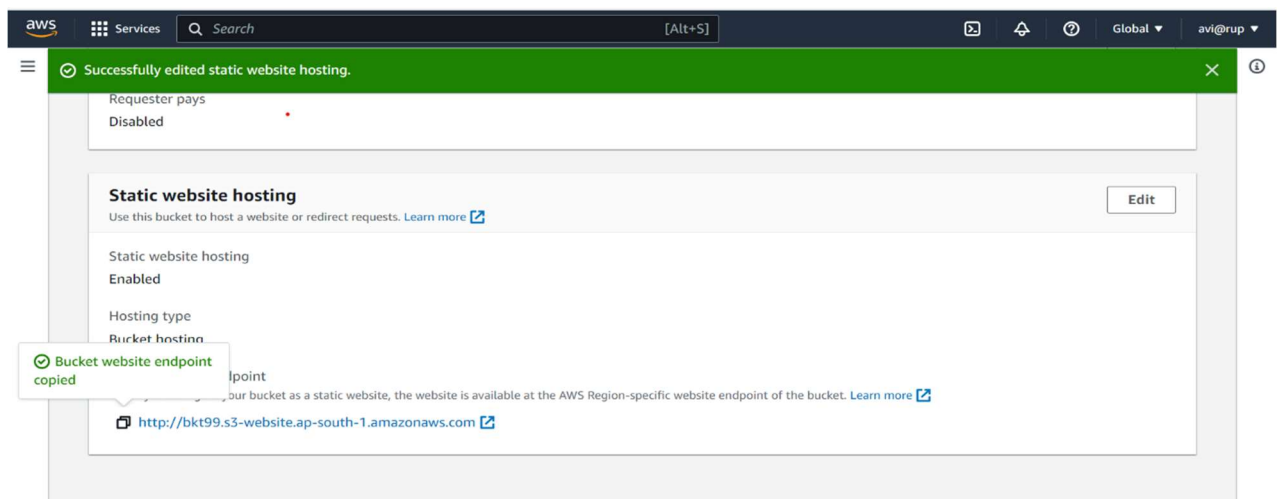
Order	Redirect
1	

14. Next scroll down and click on save changes button.



Cancel Save changes

15. Now, you will again arrive in the bucket's properties tab. Scroll down to the static website hosting area. Now you can see a link has arrived.



Successfully edited static website hosting.

Requester pays
Disabled

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#) Edit

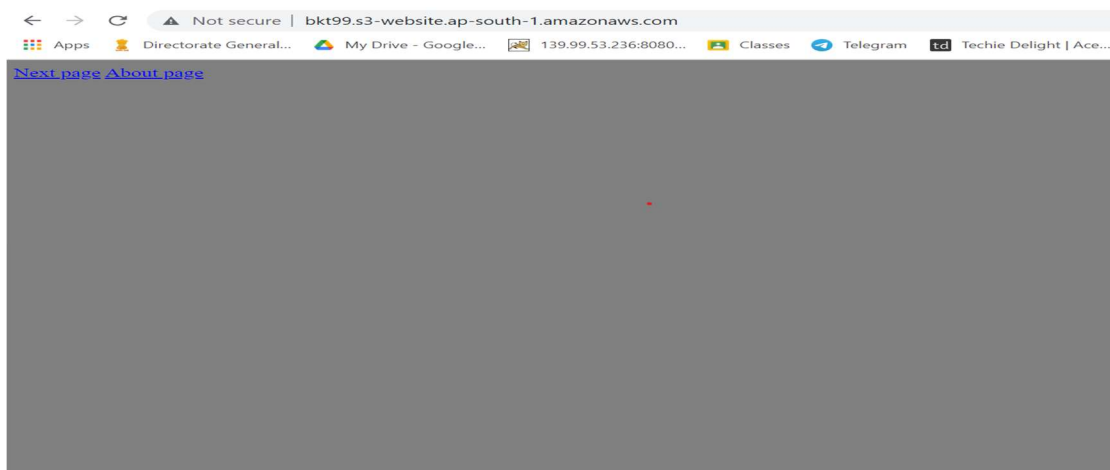
Static website hosting
Enabled

Hosting type
Bucket hosting

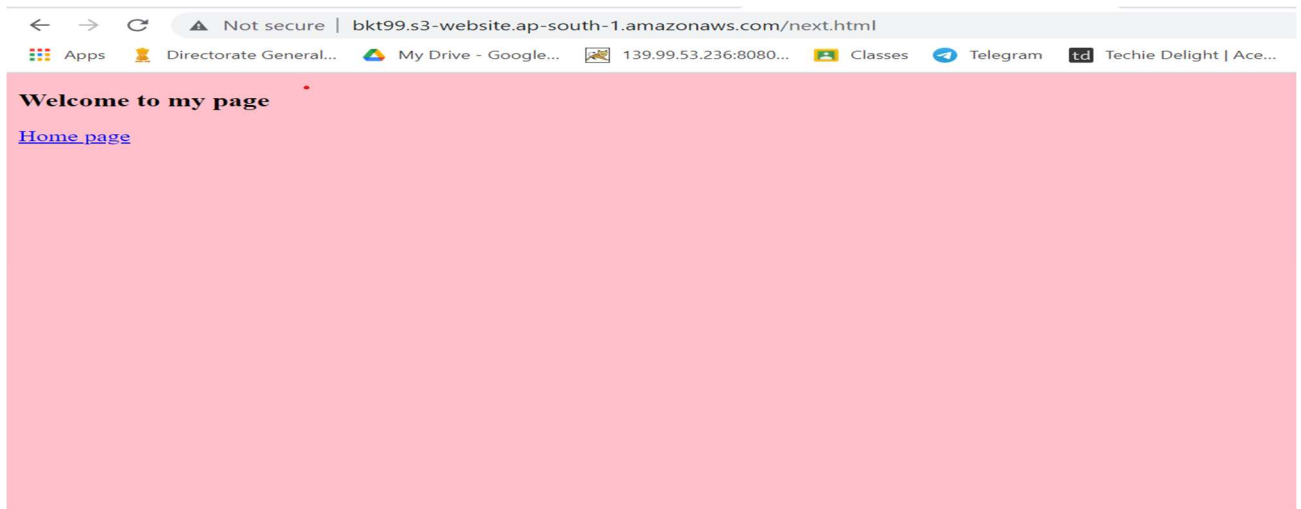
Bucket website endpoint
http://bkt99.s3-website.ap-south-1.amazonaws.com

Bucket website endpoint copied

16. Copy the link and paste it in another browser.



17. We are now viewing the Home.html page. And as scripted, we can click on the Go to Next to arrive at the next.html page. Similarly, we can click on the Go to About page to go the About.html page.



So, we have successfully hosted a static website in amazon S3.