

Assignment : 6

Upload a static website on S3.

Step 1: Make two static HTML pages with first page containing Title and paragraph and other page containing link to page1 and Google or any other site.

Page:

```
Next.html - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<title>Next-Page</title>
</head>
<body>
<h1>This is Next</h1>
<p>This is a Next-Page</p>
</body>
</html>
```

Index:

```
index.html - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
<h1>This is a heading</h1>
<p>This is a paragraph</p>
<a href="https://www.google.co.in/">Google</a>
<a href="Next.html">Next-Page</a>
</body>
</html>
```

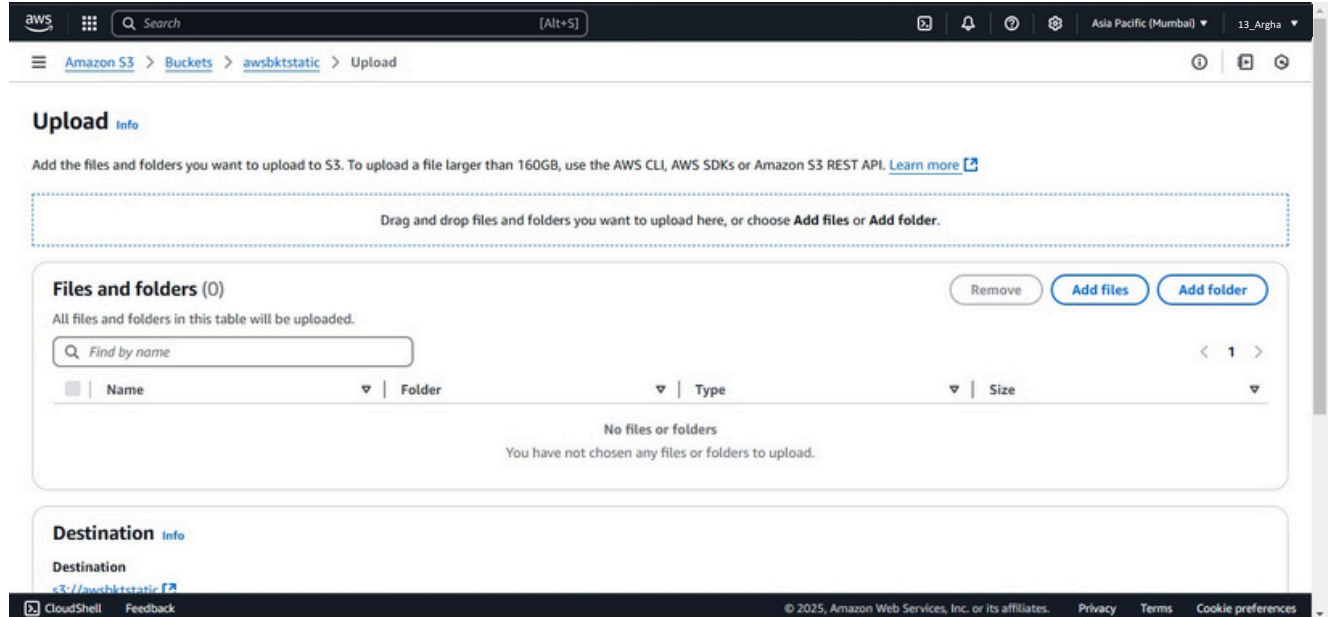
Step 2: Create a Public bucket (similar to which we've done in the previous assignment).

The screenshot shows the 'Create bucket' page in the AWS Management Console. The 'General configuration' section is active. Under 'AWS Region', 'US East (N. Virginia) us-east-1' is selected. Under 'Bucket type', 'General purpose' is selected with a blue border. The 'Bucket name' field contains 'awsbktsttic'. Below the name field, there is a note about bucket naming rules. At the bottom, there is a 'Choose bucket' button and a format example: 's3://bucket/prefix'.

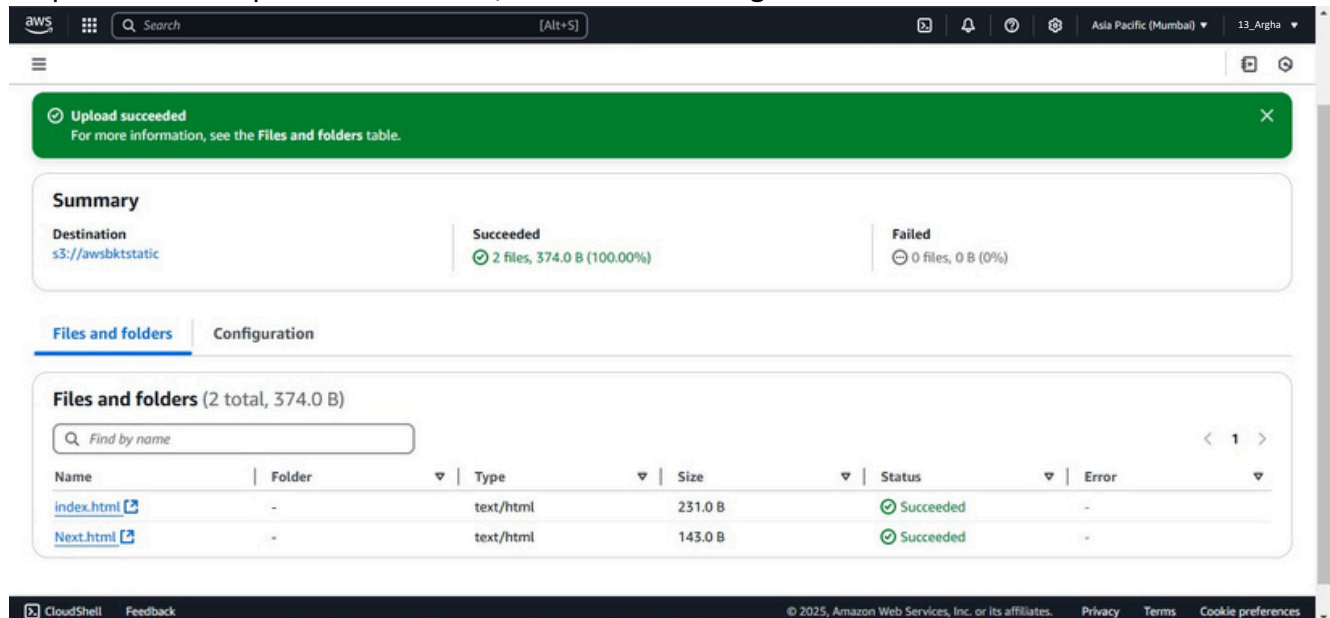
Step 3: Open the bucket and click on 'Upload'.

The screenshot shows the 'awsbktsttic' bucket page in the AWS Management Console. The 'Objects' tab is selected. At the top, there are buttons for 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. Below these buttons, there is a search bar and a table header with columns: 'Name', 'Type', 'Last modified', 'Size', and 'Storage class'. The table is currently empty, with a message stating 'No objects' and 'You don't have any objects in this bucket.' An 'Upload' button is visible at the bottom of the table area.

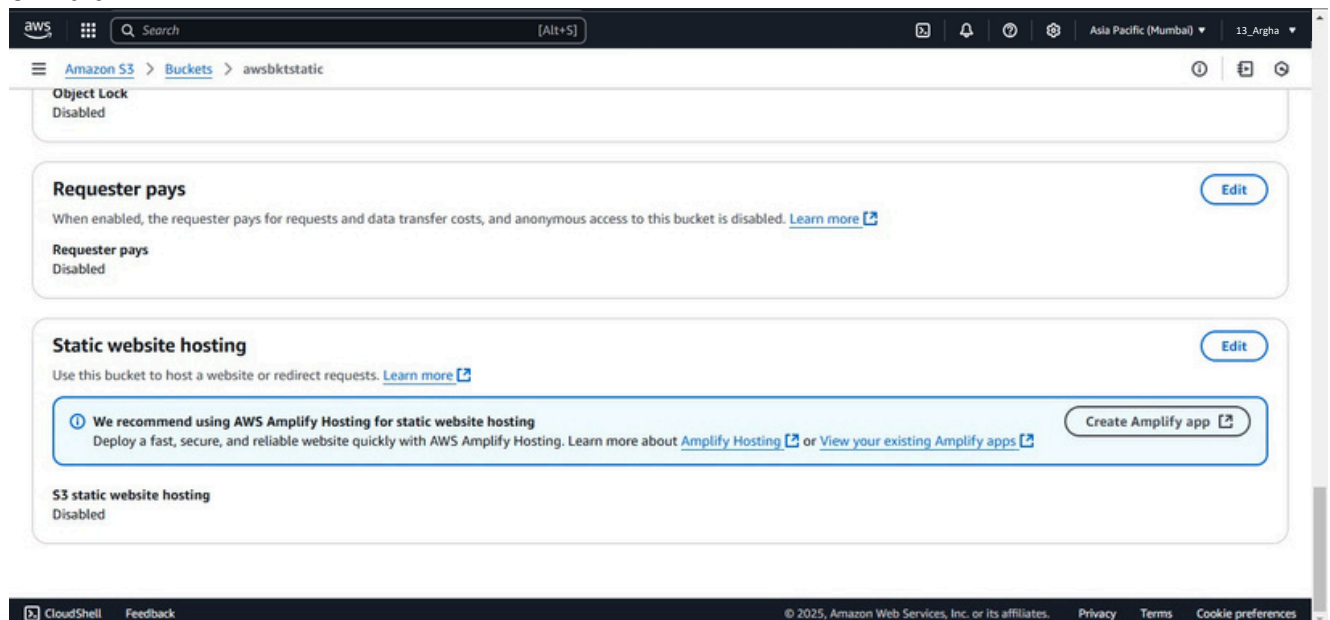
Step 4: Click on add files and select both the HTML files.



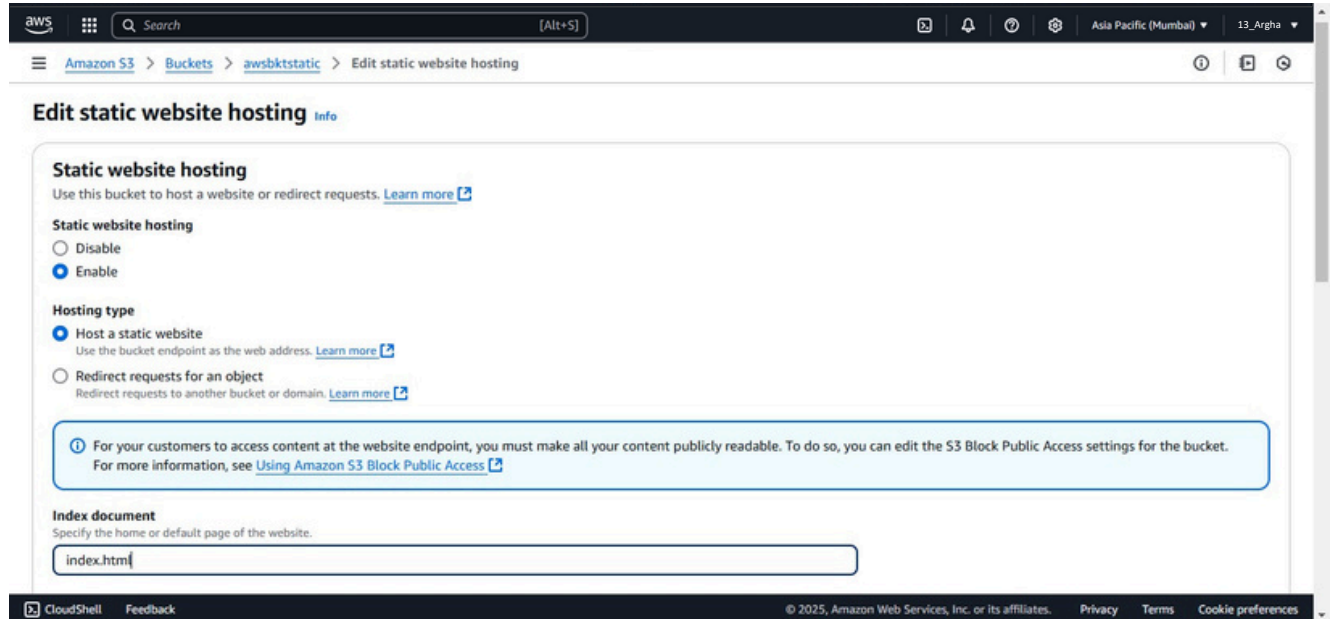
Step 5: After the upload is successful, click on close and go to the S3 bucket.



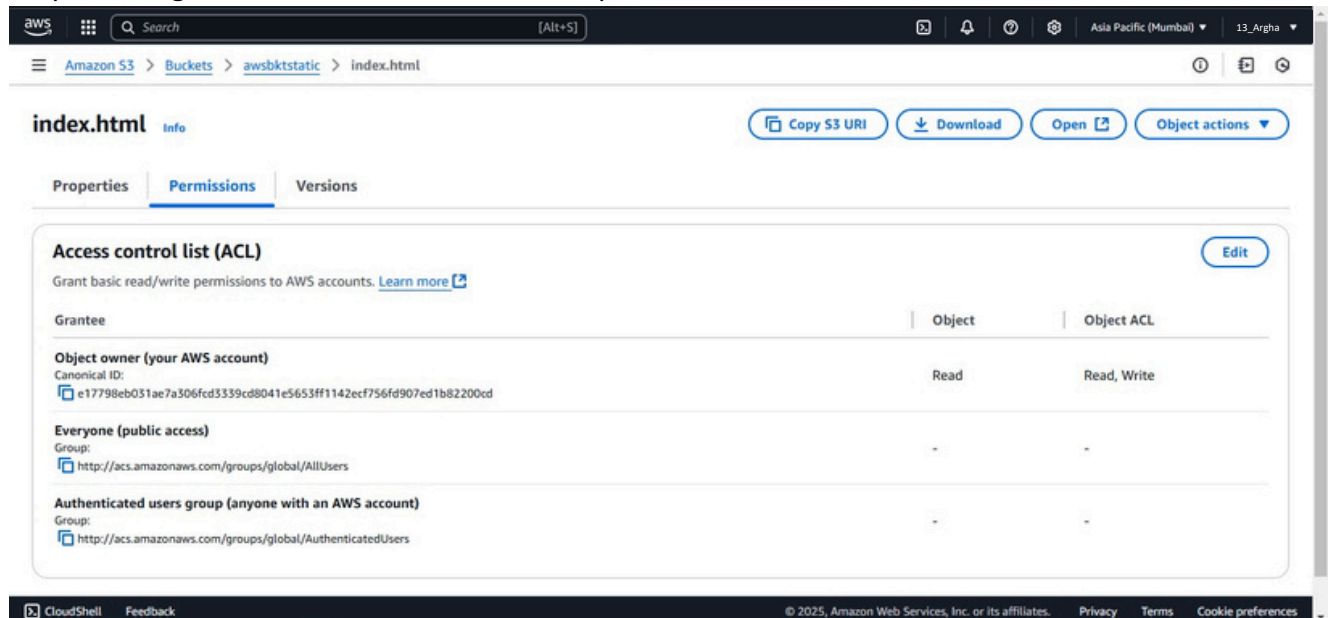
Step 6: In the S3 bucket, scroll down to the bottom where you'll find S3 Static Website Hosting, click on Edit.



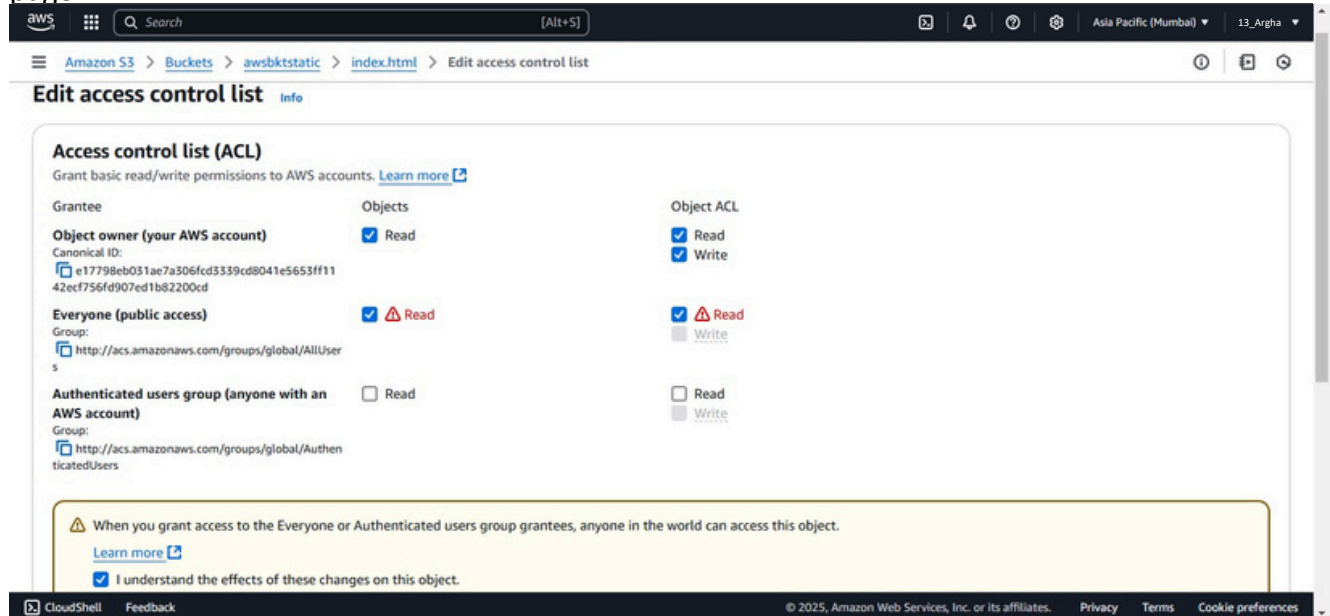
Step 7: 'Enable' the Static website hosting and name the HTML file. Afterwards click on Save changes.

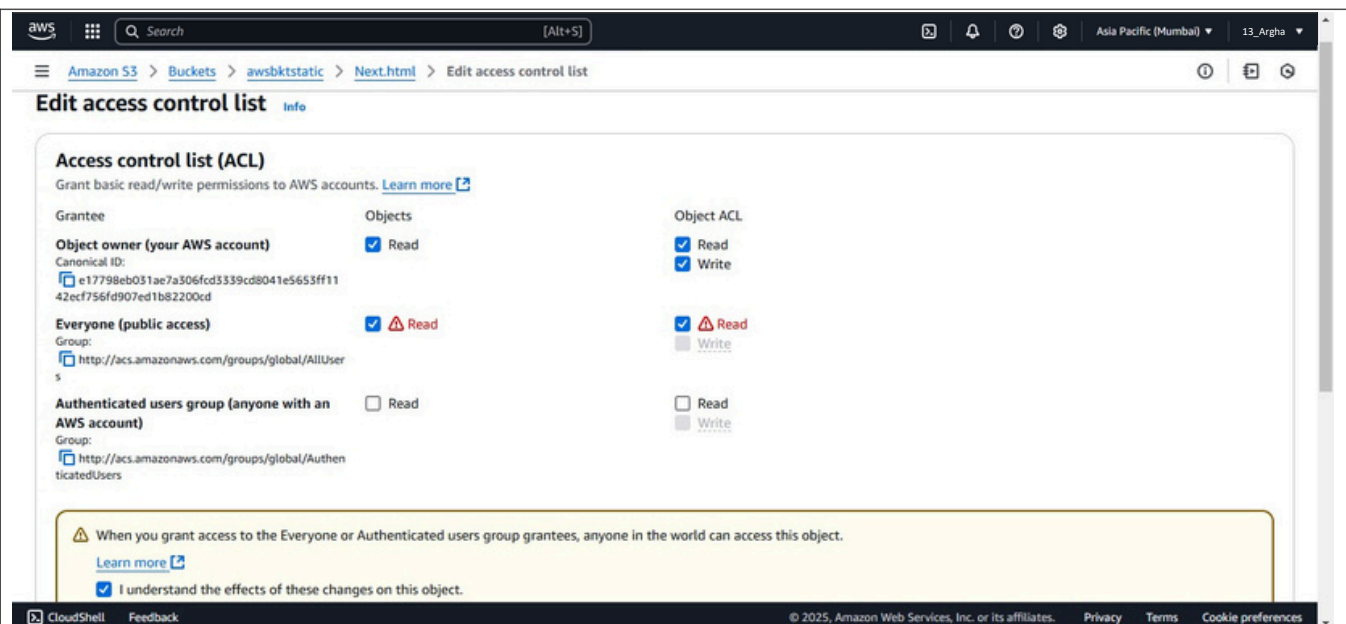


Step 8: Now go to the index file and click on 'permissions' to edit the ACLs.

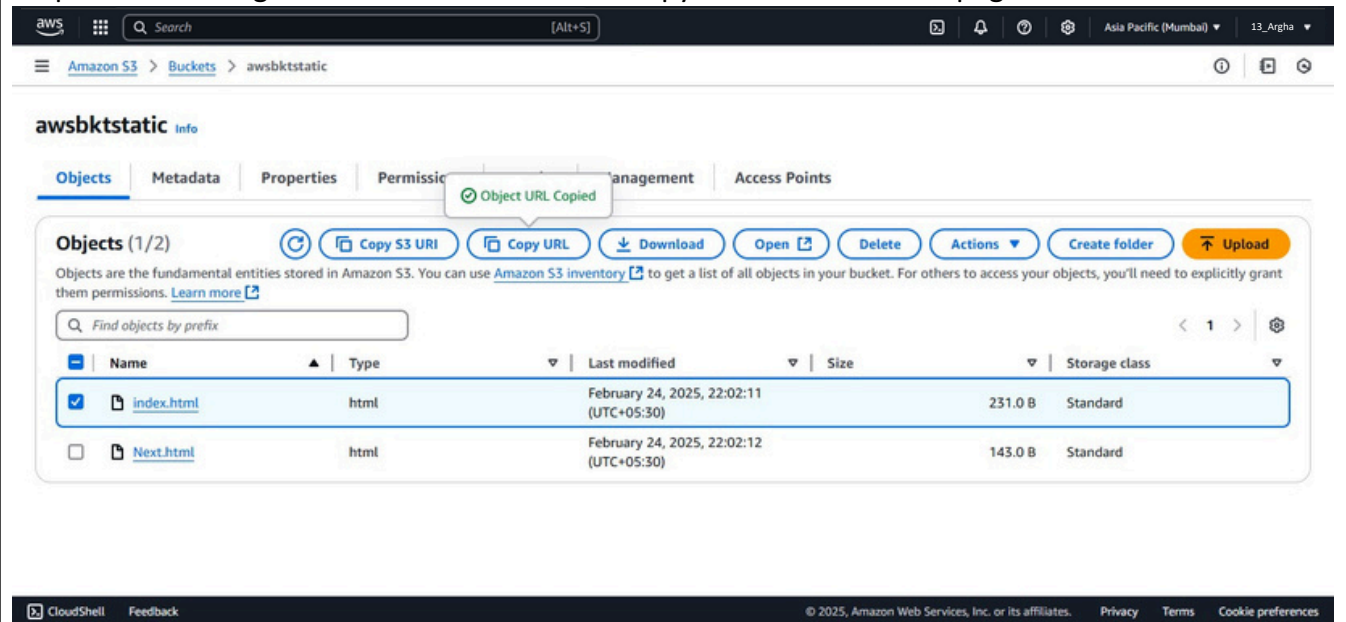


Step 9: Check the boxes to make it public. After that click on save changes. And do the same for Next page.

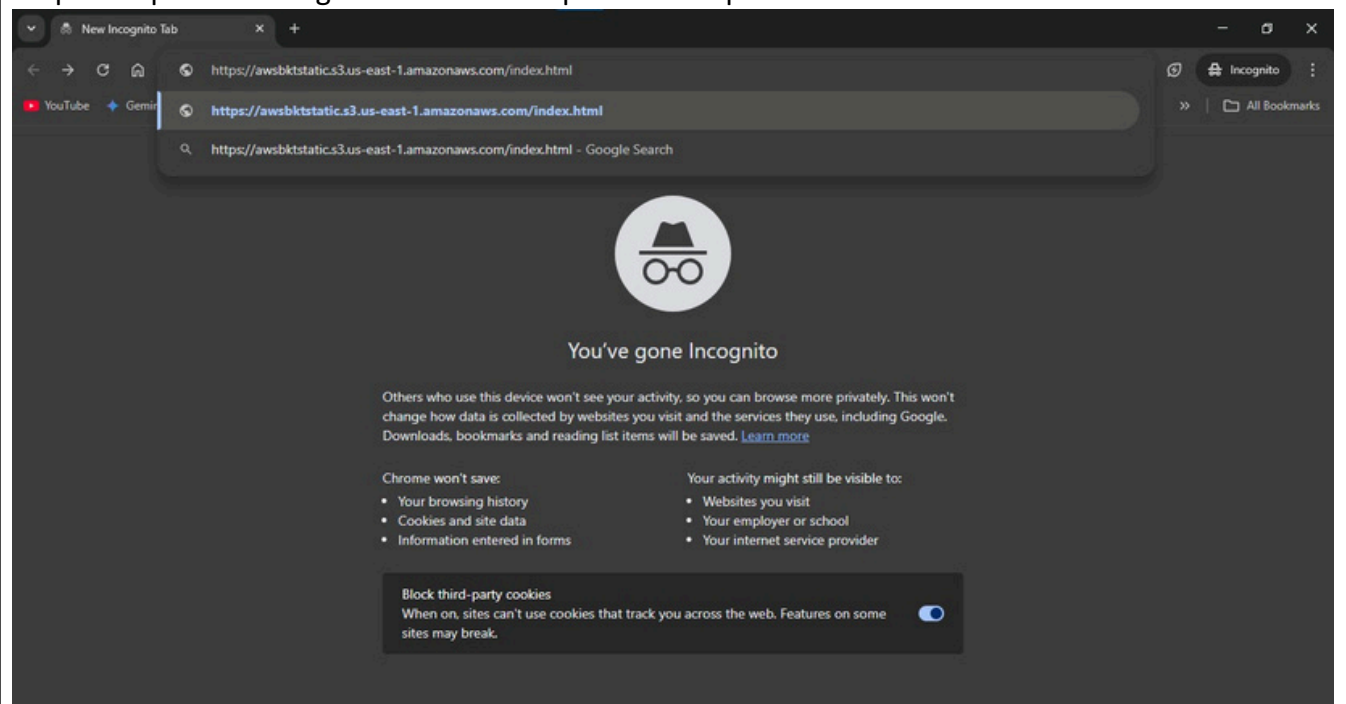




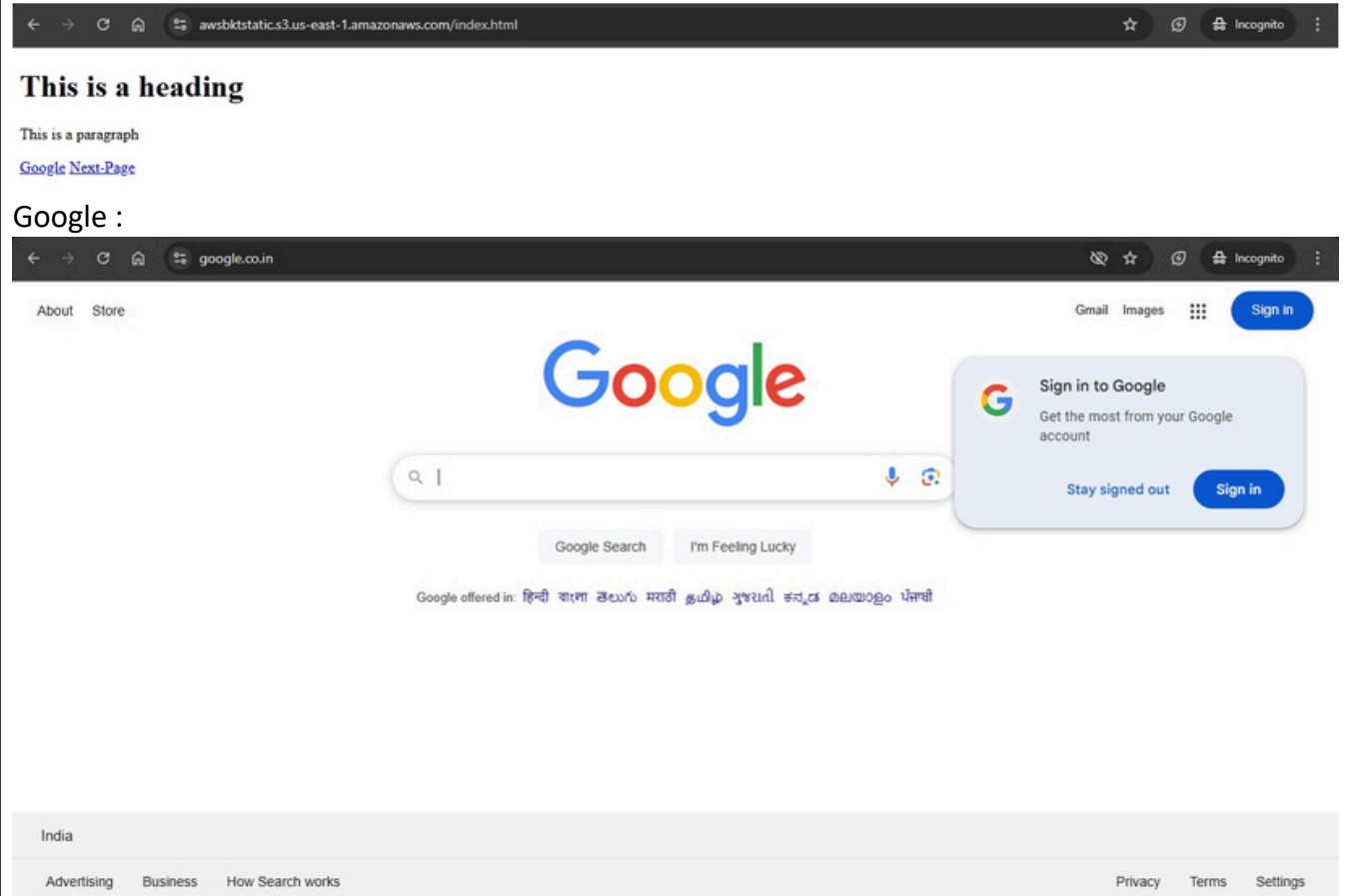
Step 10: Now navigate back to the bucket and copy the selected HTML page URL.



Step 11: Open the incognito window and paste the copied URL.



Step 12: The webpage should open as follows.



Next-Page:



So, we've successfully uploaded a static website on S3 and executed it.