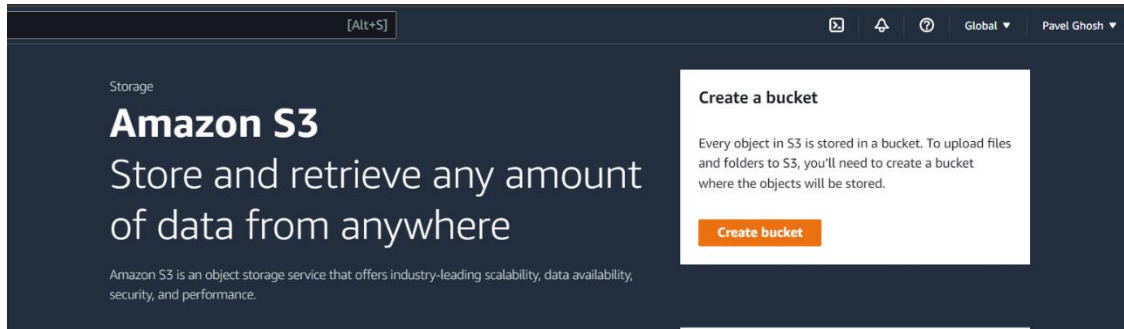


Assignment 6

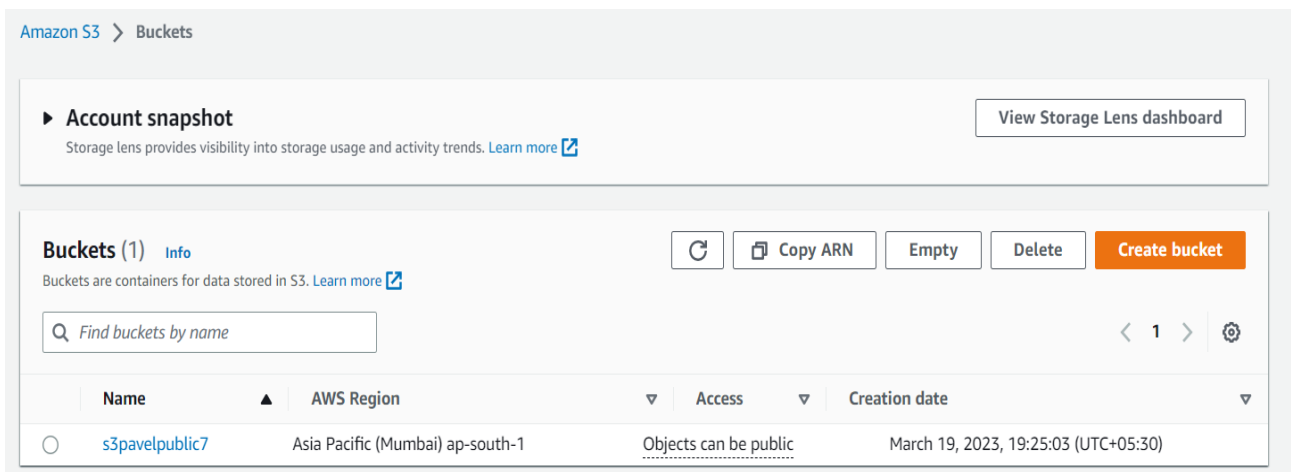
Problem Statement: Upload a static website on S3

Procedure:

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



2. Then create a public S3 bucket.



3. Now create **three html** files.
 - a. The **first one** is named **index.html**
 - b. The **second one** is named **about.html**
 - c. The **third one** is named **next.html**

index.html - Notepad

File Edit Format View Help

```
<html>
<bodybgcolor="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>
```

```
<html>
<bodybgcolor="pink">
<h1>Hello World</h1>
<a href="index.html"><h2>Go to index</h2></a>
<a href="next.html"><h2>Go to next</h2></a>
</body>
</html>
```

```
<html>
<bodybgcolor="aqua">
<h1>Welcome to my page</h1>
<a href="index.html"><h2>Go to index</h2></a>
<a href="about.html"><h2>Go to about</h2></a>
</body>
</html>
```

4. Now let us **go back to AWS**. Click the **newly created public bucket**. Click the **upload button**.

Amazon S3 > Buckets

► Account snapshot View Storage Lens dashboard
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

Buckets (1) [Info](#)
Buckets are containers for data stored in S3. [Learn more](#)

< 1 > ⚙

	Name	AWS Region	Access	Creation date
<input type="radio"/>	s3pavelpublic7	Asia Pacific (Mumbai) ap-south-1	Objects can be public	March 19, 2023, 19:25:03 (UTC+05:30)

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

Amazon S3 > Buckets > s3pavelpublic7 > Upload

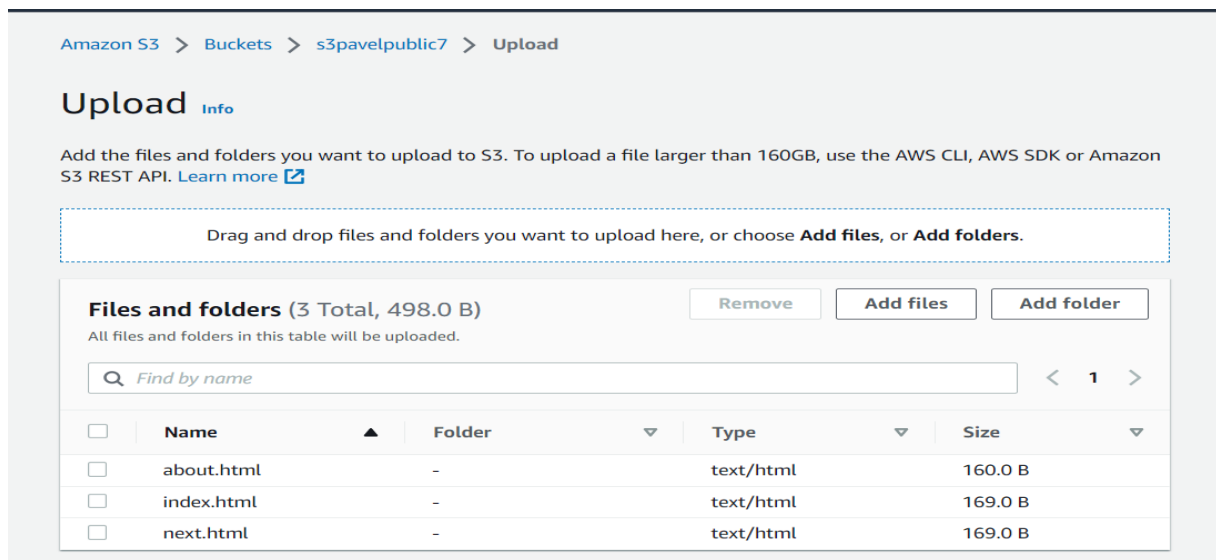
Upload [Info](#)
Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.

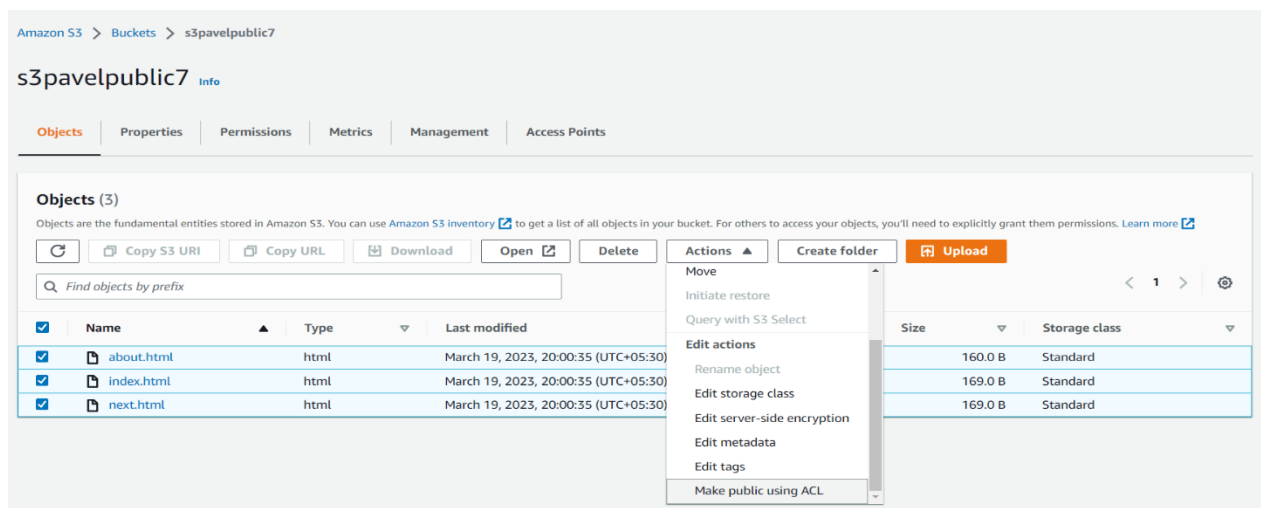
Files and folders (0) Remove Add files Add folder
All files and folders in this table will be uploaded.

< 1 >

	Name	Folder	Type	Size
No files or folders You have not chosen any files or folders to upload.				



- Now, after closing the upload status page after all files are uploaded, Select all the files shown in the object table in the public bucket. Click on **Make public** button to make all the selected files **public**.



- Now we select the **properties** tab of the bucket which is in the **right side of the objects tab**.
- 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 must **Enable** it. In order to do so **click on the Edit button** on the **right-hand side of the section**. Now we will **choose the enable option**. After choosing it **multiple options will appear**.

Static website hosting

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

Static website hosting

- ☐ Disable
☒ Enable

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](#)

9. Now we must **mention the html document our link will show**. This is the one which anyone can access using the bucket link. **Scroll down** and click on **save changes** button.

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

10. 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.

Static website hosting

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

Static website hosting

Enabled

Hosting type

Bucket hosting

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://s3pavelpublic7.s3-website.ap-south-1.amazonaws.com>

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



12. We are now viewing the Home.html page. And 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.

