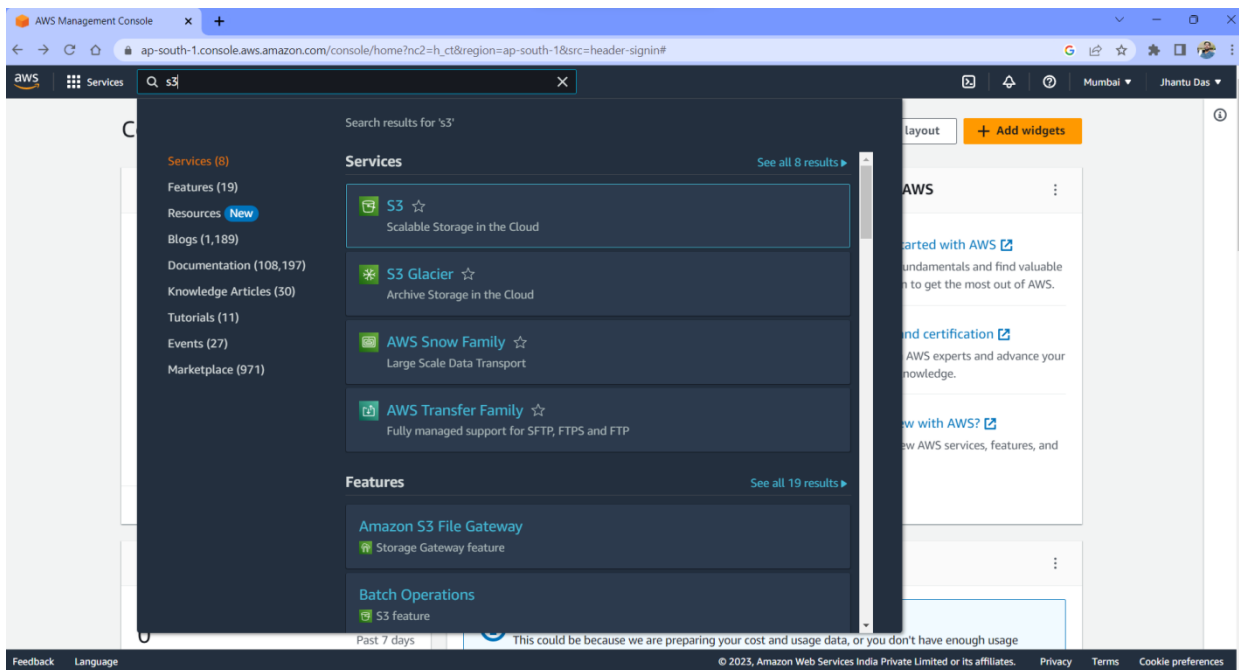


Assignment 4

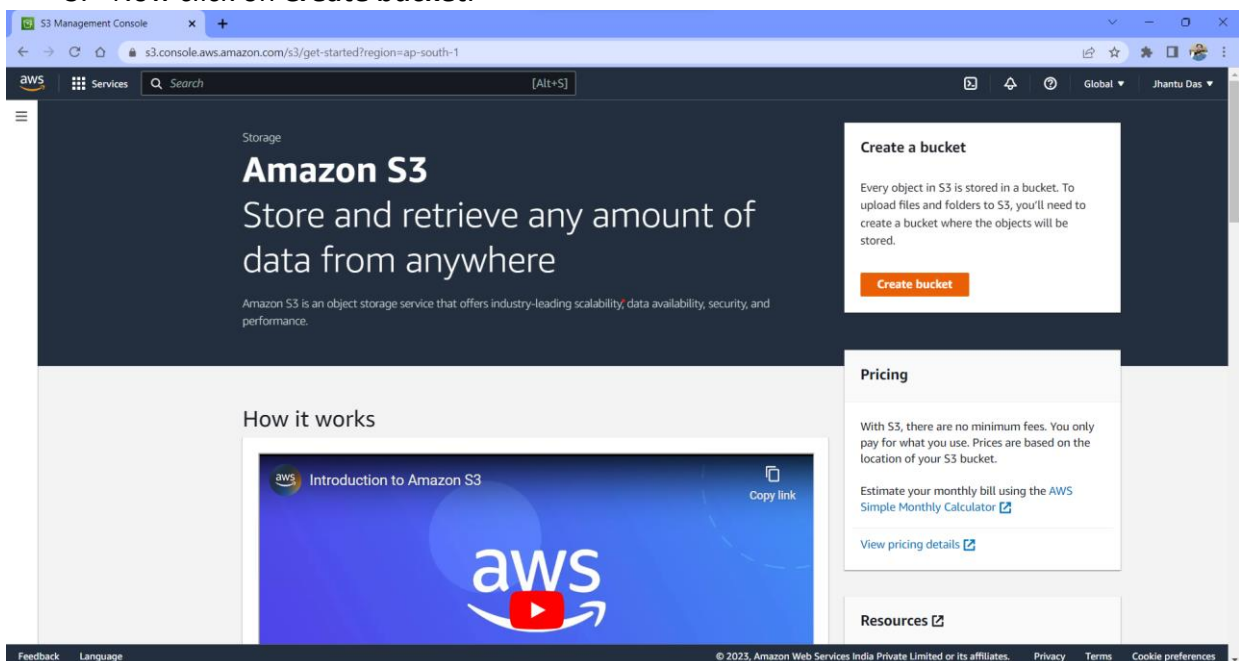
Create a private bucket in AWS. Upload a file and check by presign url that you can access the file or not.

Steps for creating an AWS account:

1. **Sign in.** Sign in as a root user. Provide username and password when prompted.
2. Search on the search bar **S3**. After that click on **bucket** in the **S3**.



3. Now click on **Create bucket**.



4. Give a **Unique** bucket name.

The screenshot shows the 'Create bucket' page in the AWS S3 console. The 'General configuration' section has a 'Bucket name' field with the value 'jht'. Below it, a note states: 'Bucket name must be globally unique and must not contain spaces or uppercase letters. See rules for bucket naming'. The 'AWS Region' is set to 'Asia Pacific (Mumbai) ap-south-1'. There is a 'Copy settings from existing bucket - optional' section with a 'Choose bucket' button. The 'Object Ownership' section has two options: 'ACLs disabled (recommended)' (selected) and 'ACLs enabled'. A red arrow points to the 'ACLs disabled (recommended)' option.

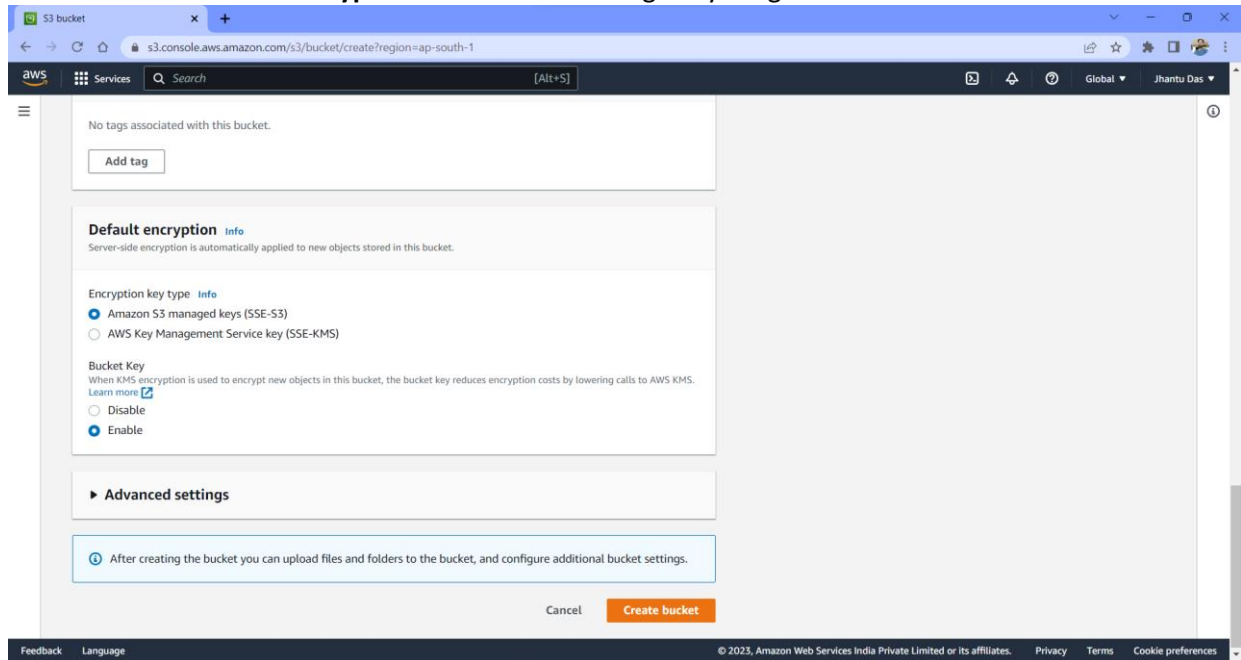
5. Now click on **ACLs disable**.

The screenshot shows the 'Object Ownership' section in the AWS S3 console. The 'ACLs disabled (recommended)' option is selected and highlighted with a red box. A red arrow points to the 'ACLs disabled (recommended)' option. Below the options, the 'Object Ownership' is set to 'Bucket owner enforced'. There is also a notice about 'Upcoming permission changes to disable ACLs'.

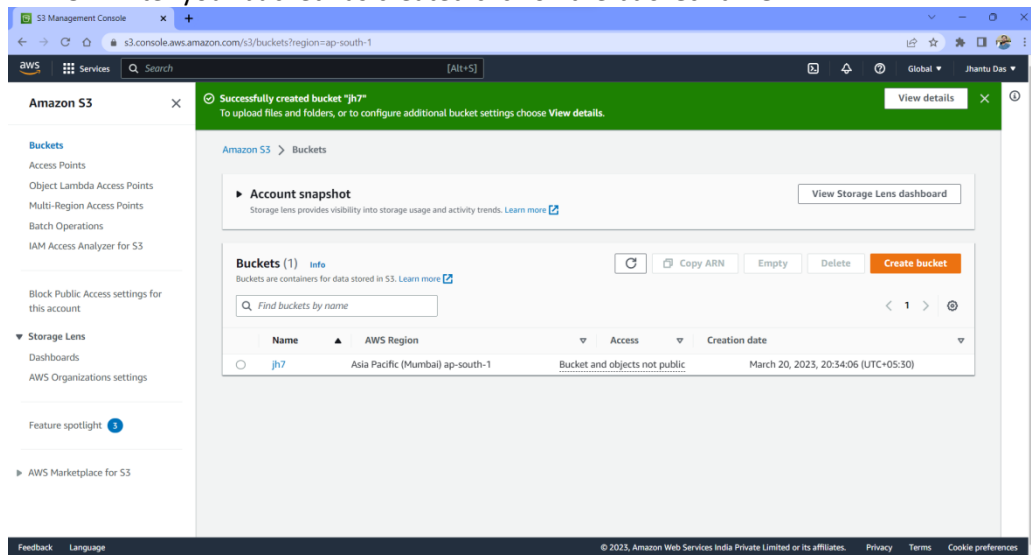
6. Now give the **Bucket versioning** as disable.

The screenshot shows the 'Bucket Versioning' section in the AWS S3 console. The 'Disable' option is selected and highlighted with a red box. A red arrow points to the 'Disable' option. The 'Bucket Versioning' section explains that versioning is a means of keeping multiple variants of an object in the same bucket and provides a 'Learn more' link.

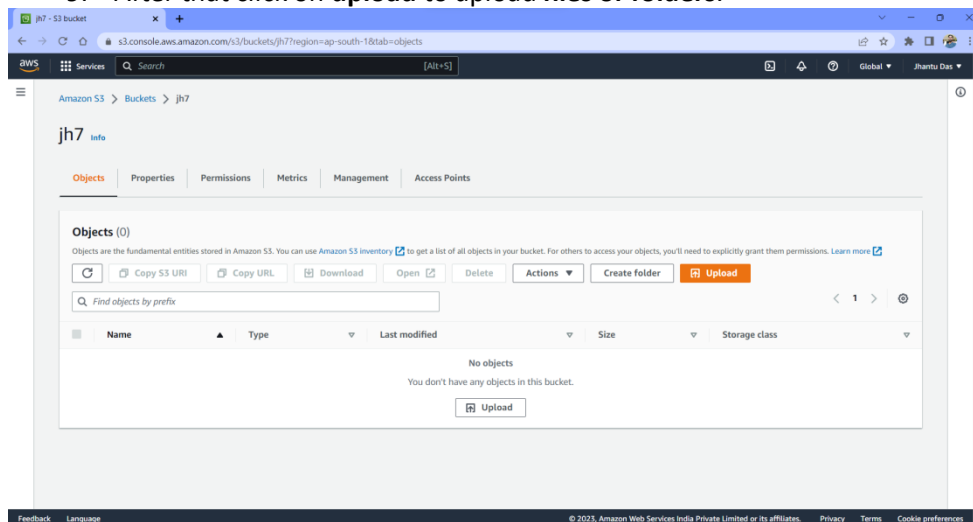
7. In the **Default encryption** section don't change anything. Click on **create bucket**.



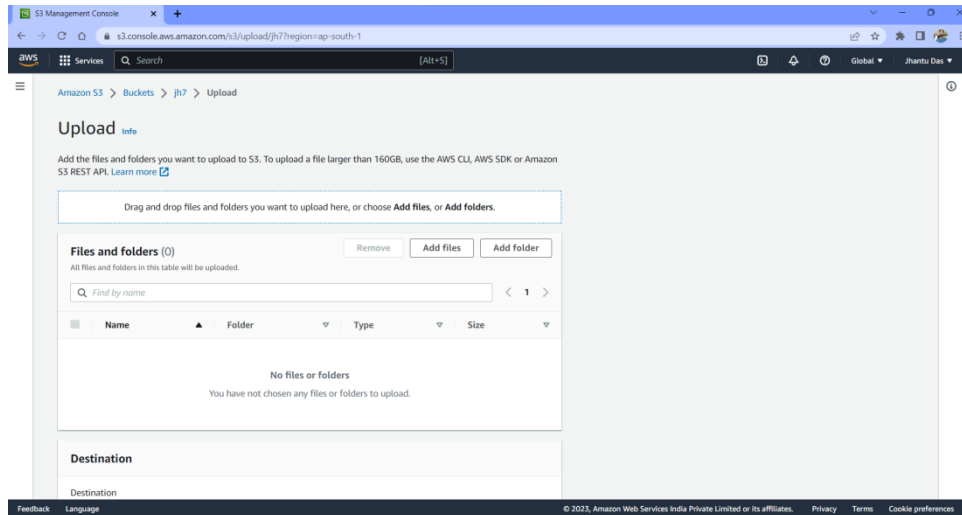
8. After your bucket has created click on the **bucket name**.



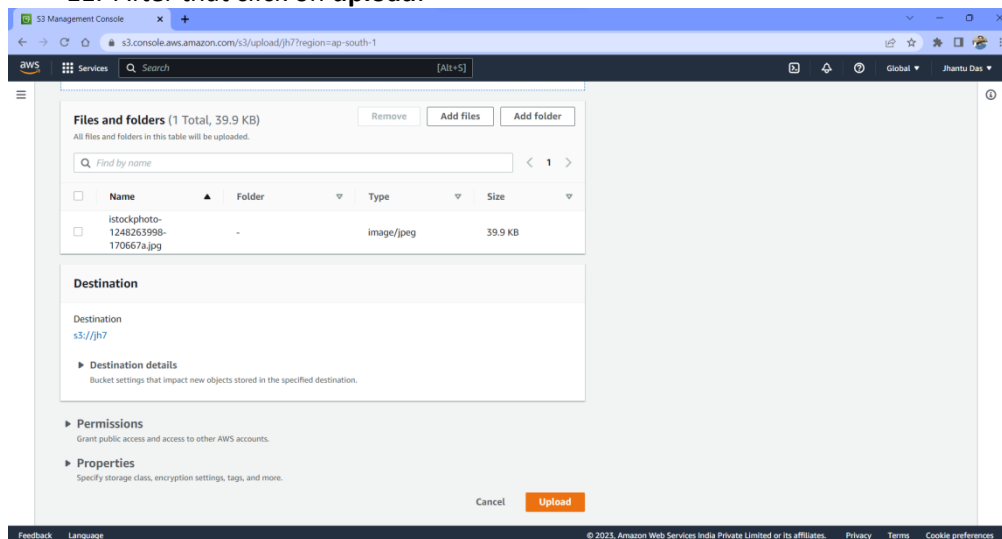
9. After that click on **upload** to upload files or folders.



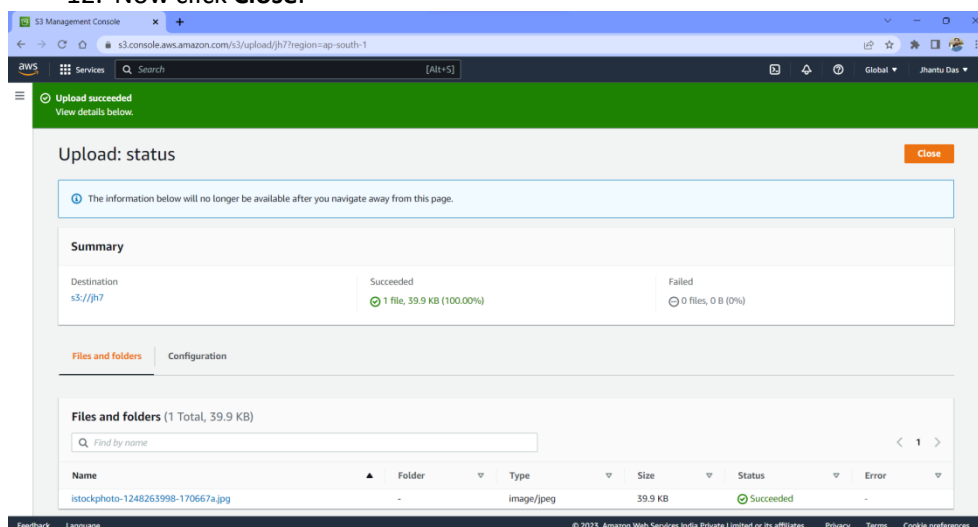
10. Click on **Add files** to add files or **Add folder** to add folders.



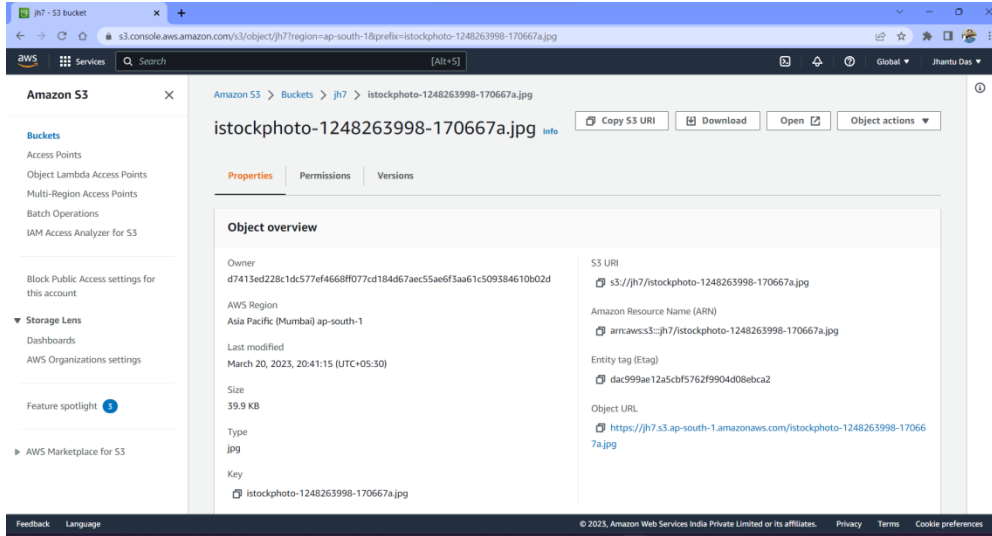
11. After that click on **upload**.



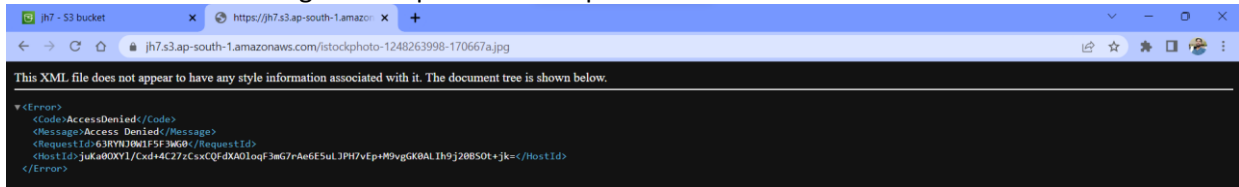
12. Now click **Close**.



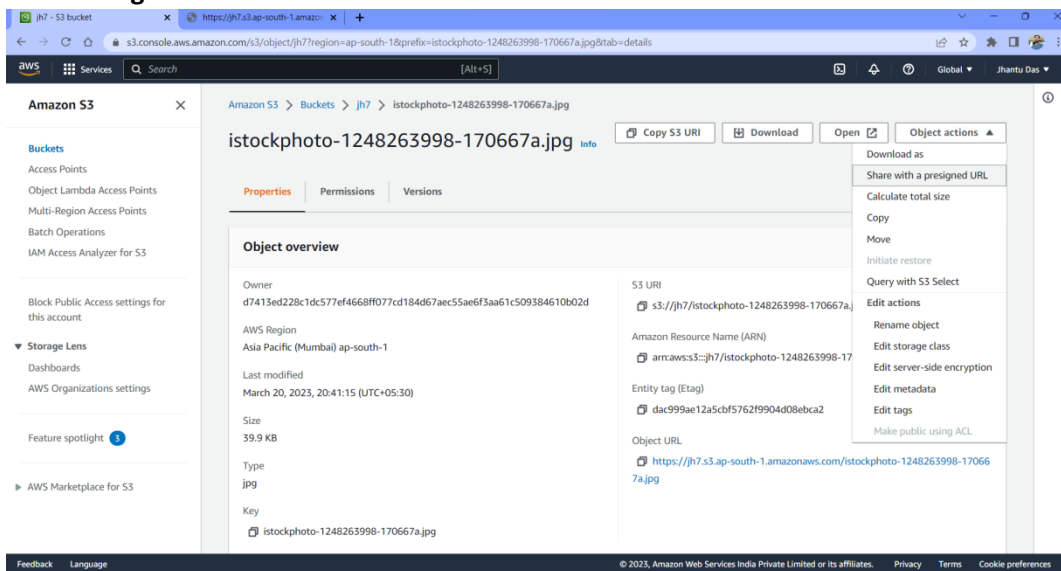
13. Click on the **object URL** to copy the URL so that we can see the file on web.



14. As we have not given the permission as public we can't able to see the file.



15. Now return back on AWS and click **object actions** and after that click on share with a **presigned URL**.



The screenshot shows the AWS Management Console interface. At the top, a green banner states: "A presigned URL for 'istockphoto-1248263998-170667a.jpg' has been created and copied to your clipboard." Below this, the breadcrumb navigation shows the path: Amazon S3 > Buckets > jh7 > istockphoto-1248263998-170667a.jpg. The main heading is "istockphoto-1248263998-170667a.jpg" with an "info" link. There are four buttons: "Copy S3 URI", "Download", "Open", and "Object actions". Below the heading are three tabs: "Properties", "Permissions", and "Versions". The "Object overview" section displays the following details:

Object overview	S3 URI
Owner d7413ed228c1dc577ef4668ff07cd184d67aec55ae6f3aa61c509384610b02d	s3://jh7/istockphoto-1248263998-170667a.jpg
AWS Region Asia Pacific (Mumbai) ap-south-1	Amazon Resource Name (ARN) arn:aws:s3::jh7/istockphoto-1248263998-170667a.jpg
Last modified March 20, 2023, 20:41:15 (UTC+05:30)	Entity tag (Etag) dac999ae12a5cbf5762f9904d08ebca2
Size 39.9 KB	Object URL https://jh7.s3.ap-south-1.amazonaws.com/istockphoto-1248263998-170667a.jpg
Type jpg	
Key	

On the left sidebar, the "Storage Lens" section is expanded, showing "Dashboards" and "AWS Organizations settings". The "Feature spotlight" section shows a notification for "AWS Marketplace for S3".