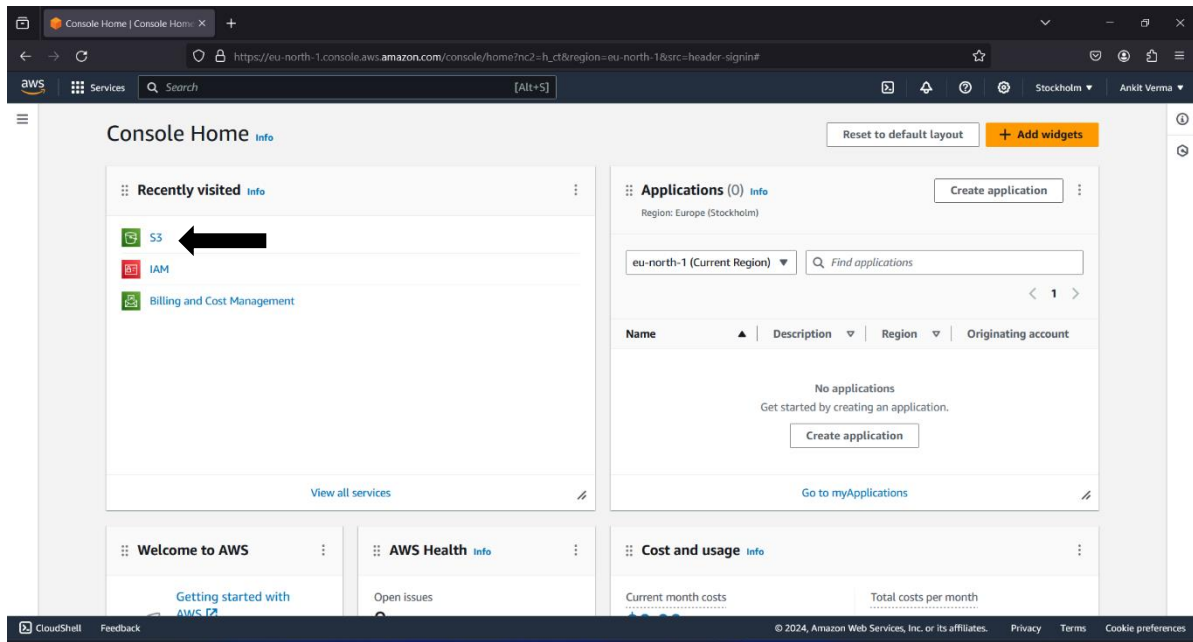


Assignment: 4

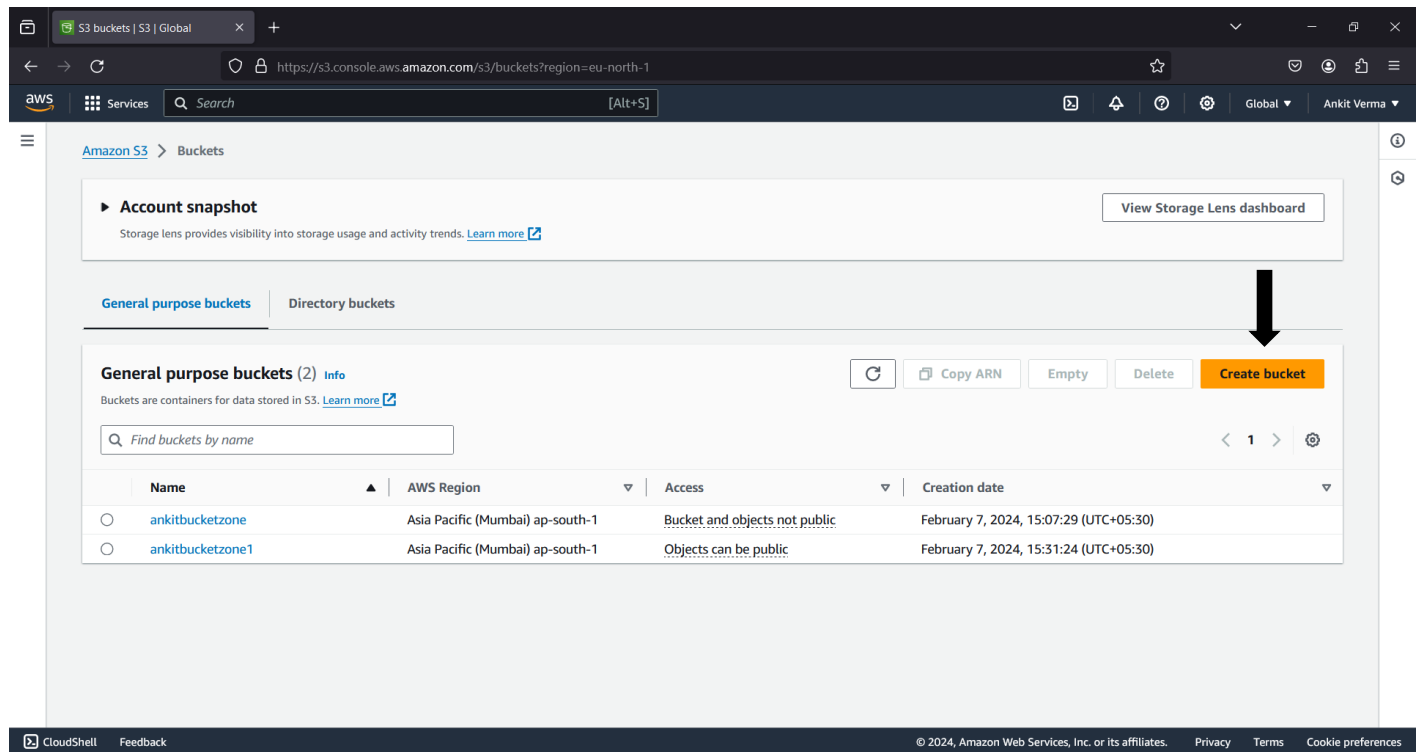
Problem Statement: Create a private Bucket. Upload a file and check by reassigning URL whether you can access the file or not.

» The steps to create private bucket:-

Step 1: Click on the “S3” button.



Step 2: Click on “Create Bucket”.



Step 3: Select “Mumbai”, give a Name to the Bucket.

Create S3 bucket | S3 | Global

https://s3.console.aws.amazon.com/s3/bucket/create?region=ap-south-1&bucketType=general

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

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

General configuration

AWS Region
Asia Pacific (Mumbai) ap-south-1

Bucket name [Info](#)
awsbucket1

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended) ☐ ACLs enabled

Step 4: Select “ACLs disabled” & “Block all public access” checkbox.

Create S3 bucket | S3 | Global

https://s3.console.aws.amazon.com/s3/bucket/create?region=ap-south-1&bucketType=general

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ ACLs disabled (recommended) ☐ ACLs enabled

Object Ownership
Bucket owner enforced

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

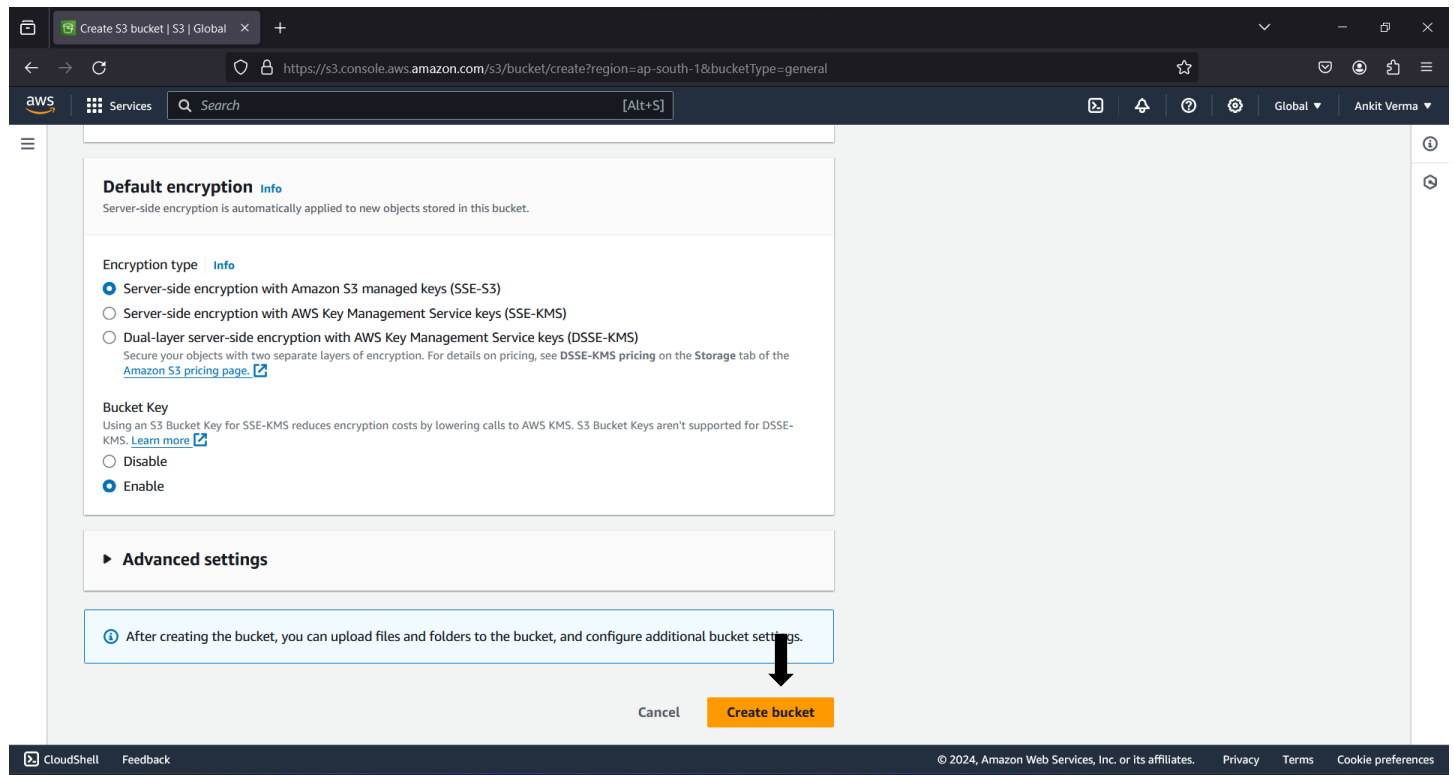
☒ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

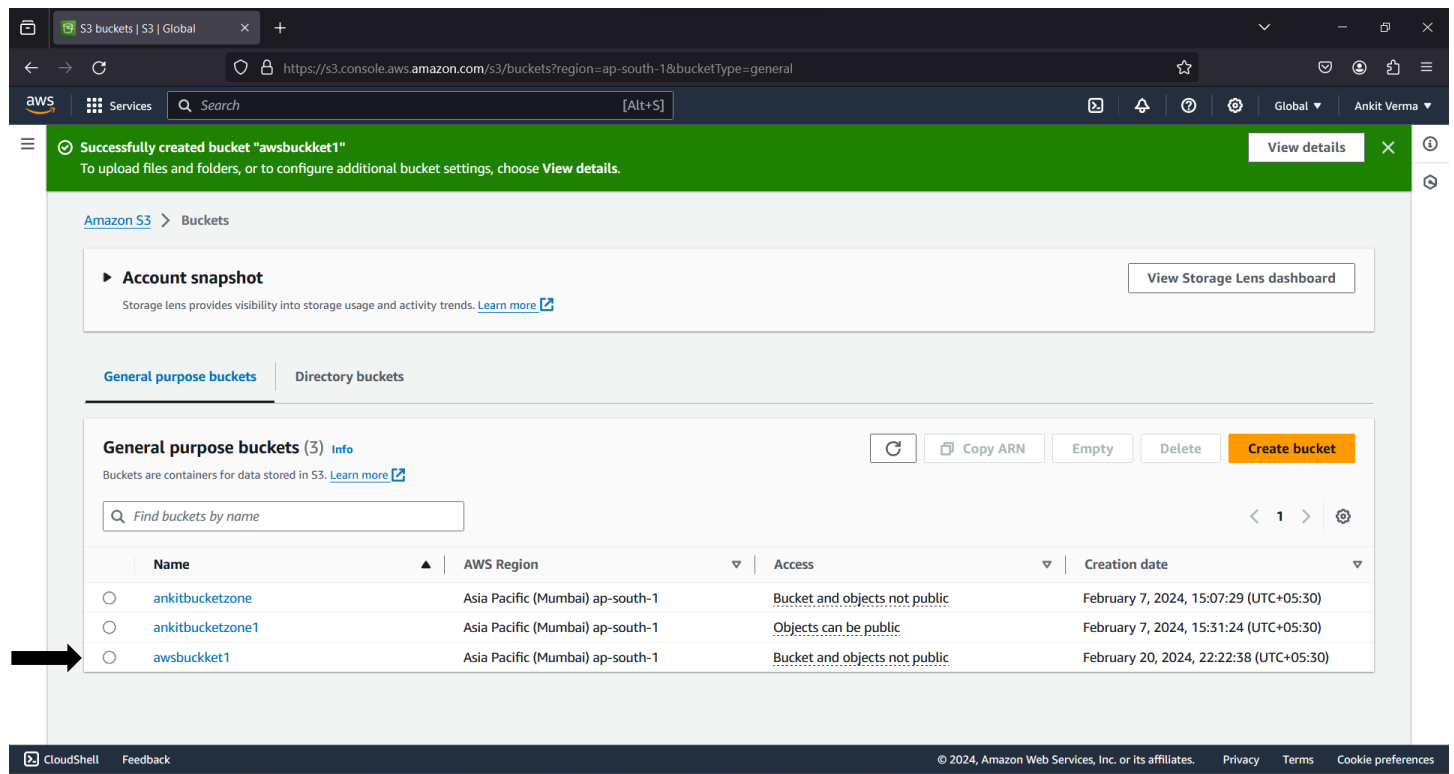
☒ Block public access to buckets and objects granted through new access control lists (ACLs)
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☒ Block public access to buckets and objects granted through any access control lists (ACLs)
S3 will ignore all ACLs that grant public access to buckets and objects.

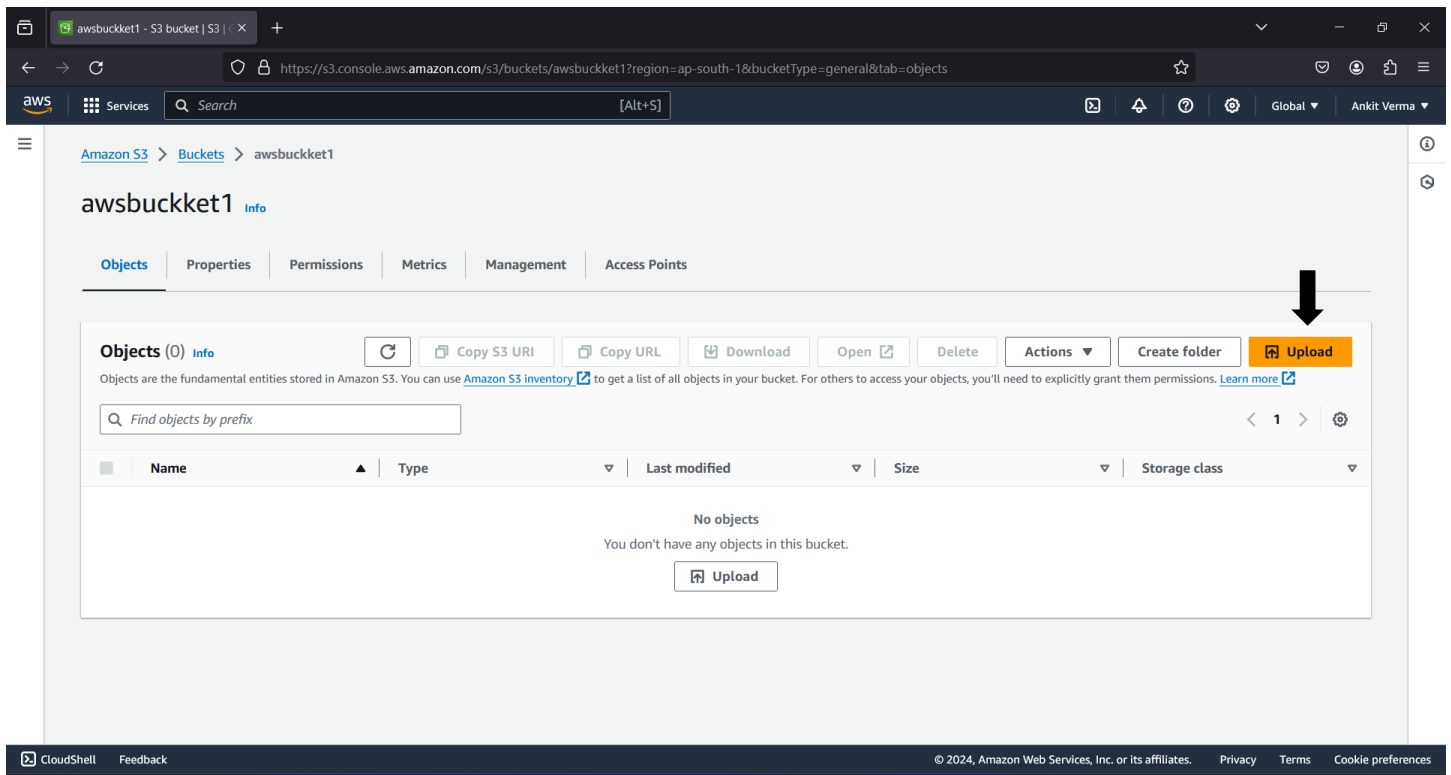
Step 5: Click on “Create Bucket”.



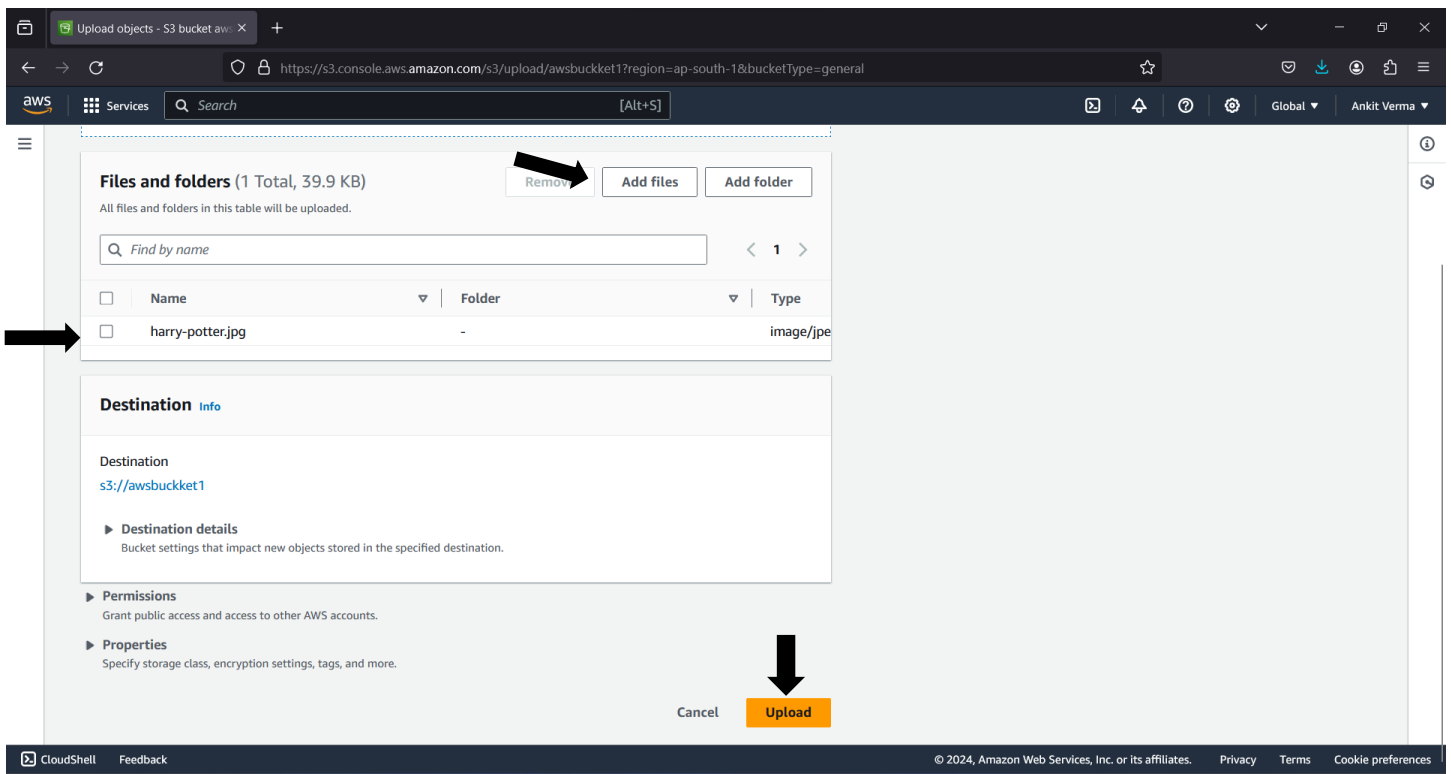
Step 6: The Bucket is created. Click on the bucket name.



Step 7: Click on the “Upload”.



Step 8: Click on “Add file” and add the files then click upload.



Step 9: The file has been uploaded successfully. Click on the file name.

The screenshot shows the AWS S3 console interface. At the top, a green banner indicates "Upload succeeded" with a link to "View details below." Below this, a summary section shows the upload details: Destination is s3://awsbucket1, 1 file (39.9 KB) was uploaded successfully (100.00%), and 0 files failed (0%). The "Files and folders" tab is selected, showing a table with one file: "harry-potter.jpg" (39.9 KB, image/jpeg, Status: Succeeded). A black arrow points to the file name "harry-potter.jpg" in the table.

Name	Folder	Type	Size	Status	Error
harry-potter...	-	image/jpeg	39.9 KB	Succeeded	-

Step 10: Copy the "Object URL".

The screenshot shows the AWS S3 console interface for the object "harry-potter.jpg". The "Object overview" section displays various details: Owner (e0bb776c1af20315373765b8a19556b3a69d4a2e67d77116cabdb7547b021672), AWS Region (Asia Pacific (Mumbai) ap-south-1), Last modified (February 20, 2024, 22:35:36 (UTC+05:30)), Size (39.9 KB), Type (jpg), and Key (harry-potter.jpg). The "S3 URI" is displayed as s3://awsbucket1/harry-potter.jpg. A tooltip indicates "Object URL Copied" with a green checkmark. A black arrow points to the "Object URL" field, which contains the URL: https://awsbucket1.s3.ap-south-1.amazonaws.com/harry-potter.jpg.

Object overview

Owner
e0bb776c1af20315373765b8a19556b3a69d4a2e67d77116cabdb7547b021672

AWS Region
Asia Pacific (Mumbai) ap-south-1

Last modified
February 20, 2024, 22:35:36 (UTC+05:30)

Size
39.9 KB

Type
jpg

Key
harry-potter.jpg

S3 URI
s3://awsbucket1/harry-potter.jpg

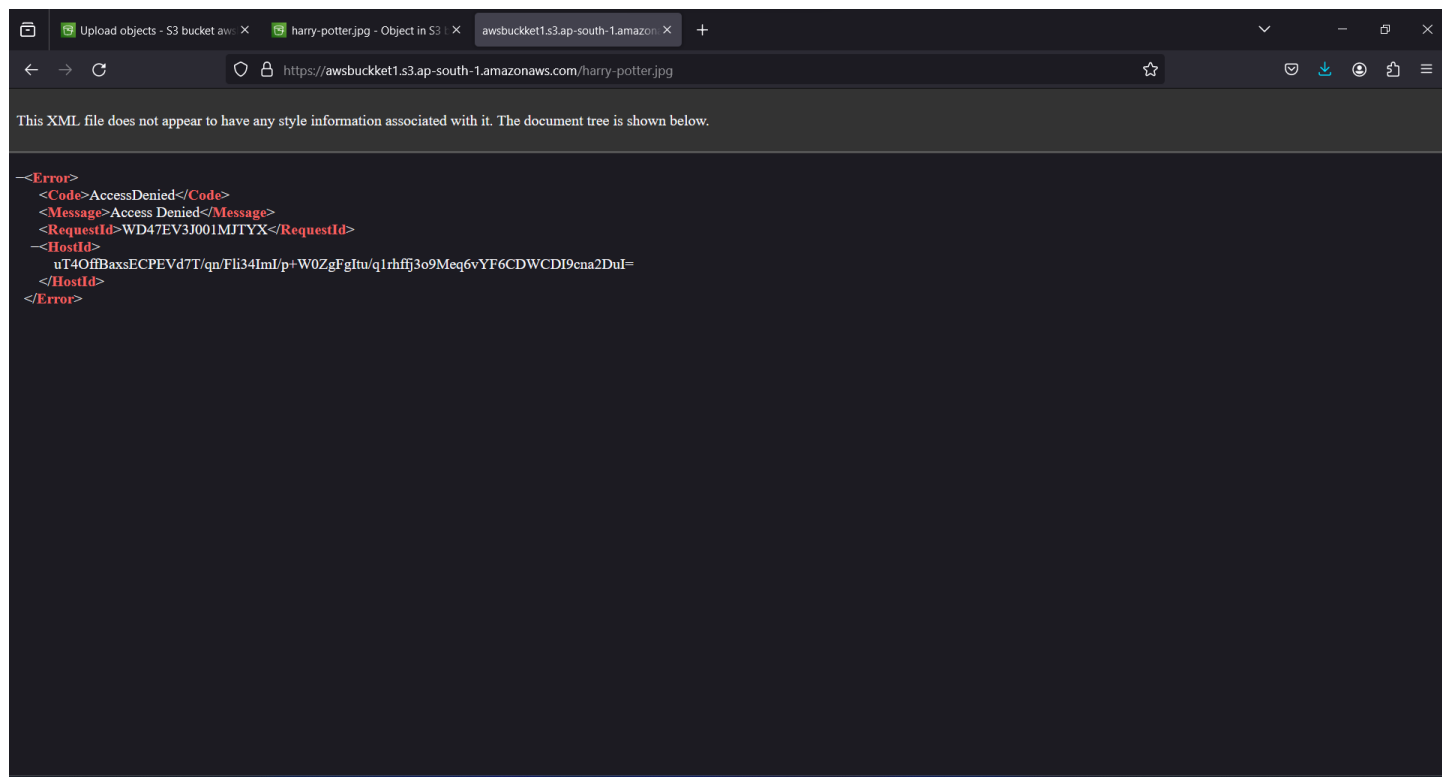
Amazon Resource Name (ARN)
arn:aws:s3::awsbucket1/harry-potter.jpg

Entity tag (Etag)
b32a8bf000e220a49a603bed13cd40c1

Object URL Copied

https://awsbucket1.s3.ap-south-1.amazonaws.com/harry-potter.jpg

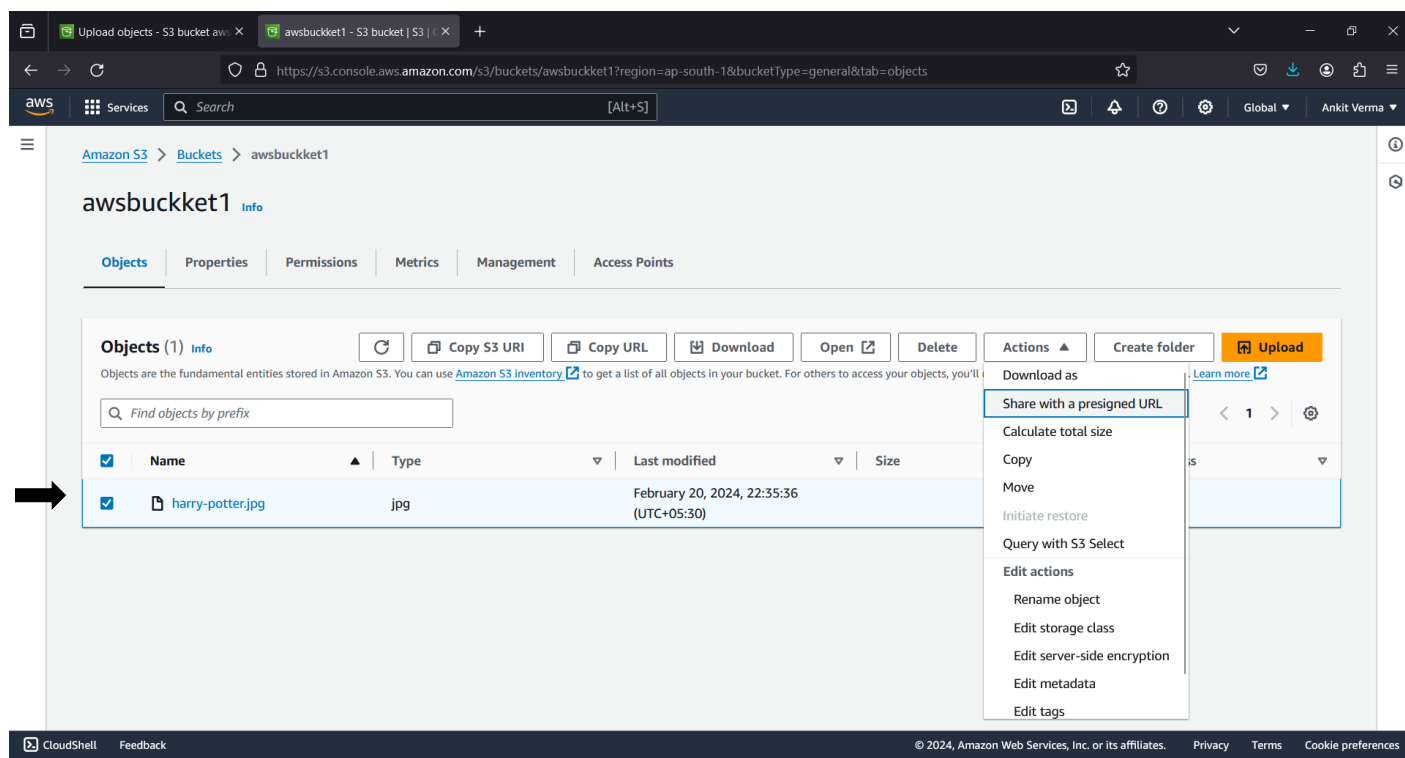
Step 11: Open a new browser window and paste the URL in the address bar.



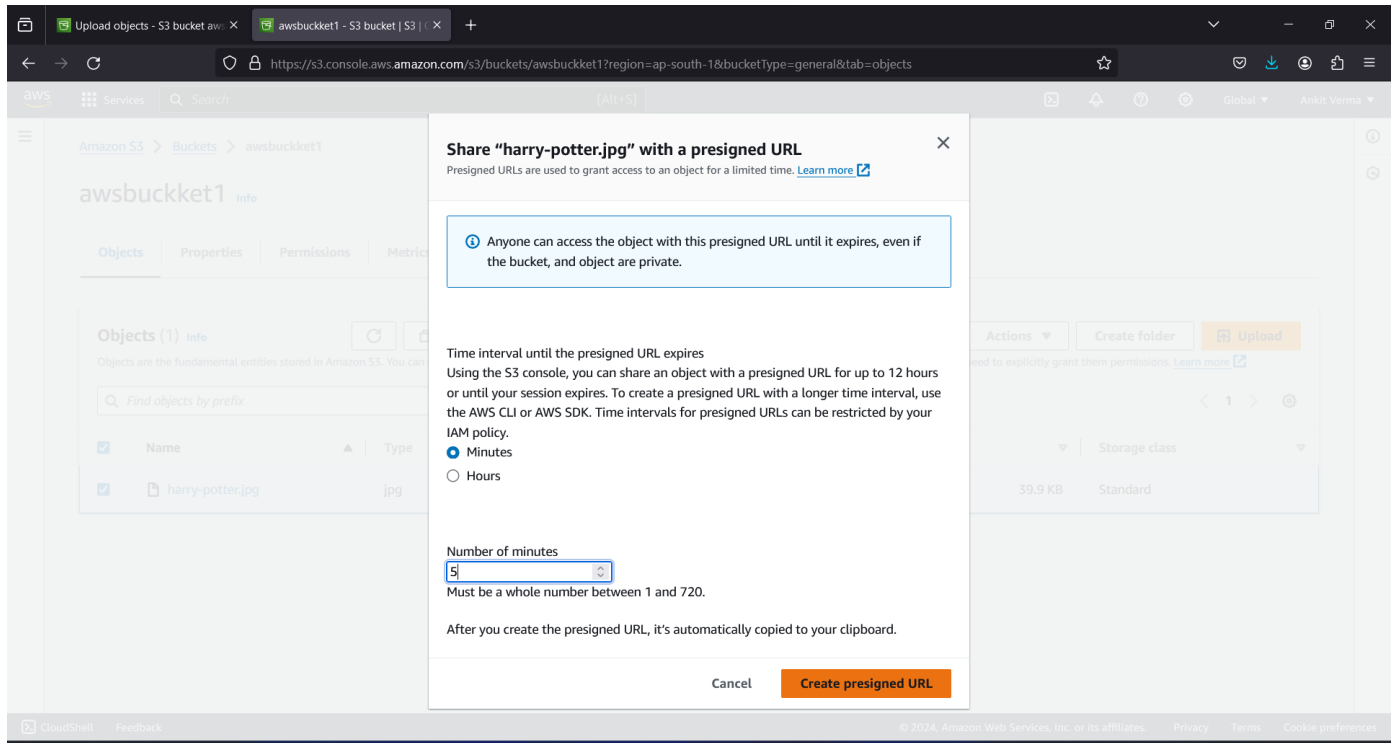
To reassign url:

STEP 1- Open the Bucket.

STEP 2- Select the file and Click on the “Actions” dropdown menu and select the “presigned URL”.



STEP 3- Give a Time limit & then click on the “Create Presigned URL” button.



STEP 4- Open a new browser window and paste the URL.

