

ASSIGNMENT:4->

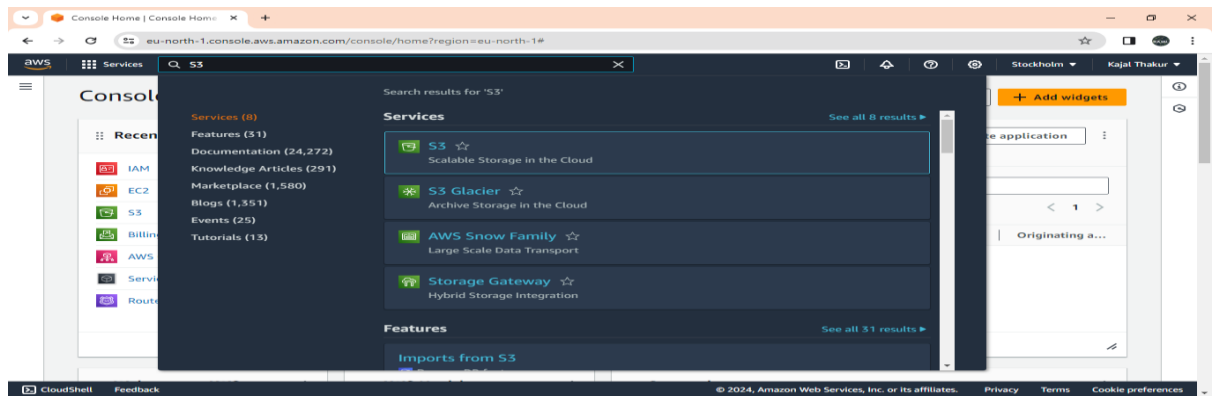
Problem Statement:

Create a private bucket in AWS Upload a file and check by reassigned URL whether you can access the file or not .

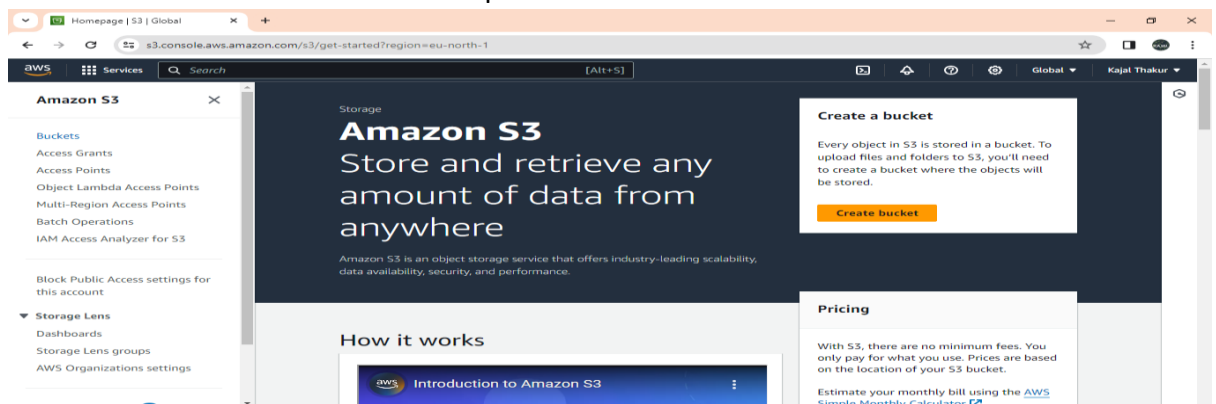
Steps:

Bucket is folder which is used to keep our file. For this these following steps will be followed:

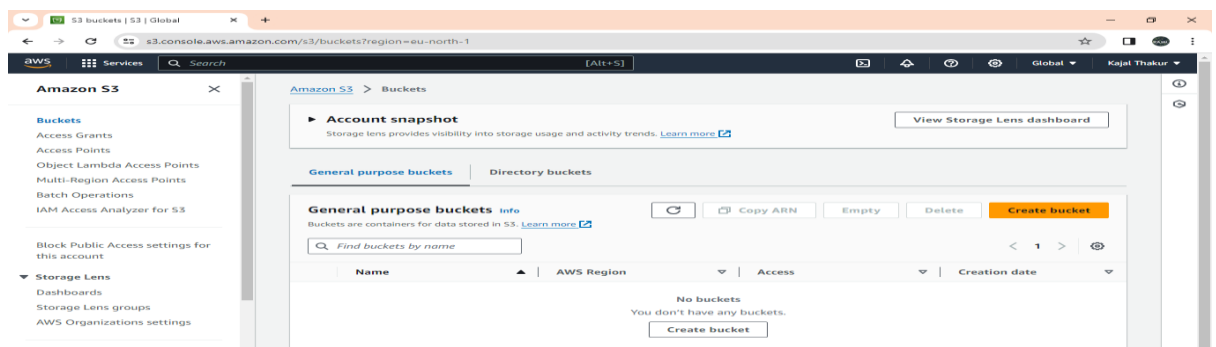
- At first search **S3** in search bar and click on it



- Now click on **Buckets** in the left side panel.



- Now click on **Create bucket**.



- Select AWS region Mumbai and give bucket name and remember this name should be unique as it is global.

The screenshot shows the 'Create S3 bucket' page in the AWS console. The 'General configuration' section is active. The 'AWS Region' is set to 'Asia Pacific (Mumbai) ap-south-1'. The 'Bucket name' is 'kabucket'. Below this, there is a note about bucket naming rules and a link to 'See rules for bucket naming'. The 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section shows 'ACLs disabled (recommended)' selected, with a note that 'Access to this bucket and its objects is specified using only policies.' The 'ACLs enabled' option is also visible.

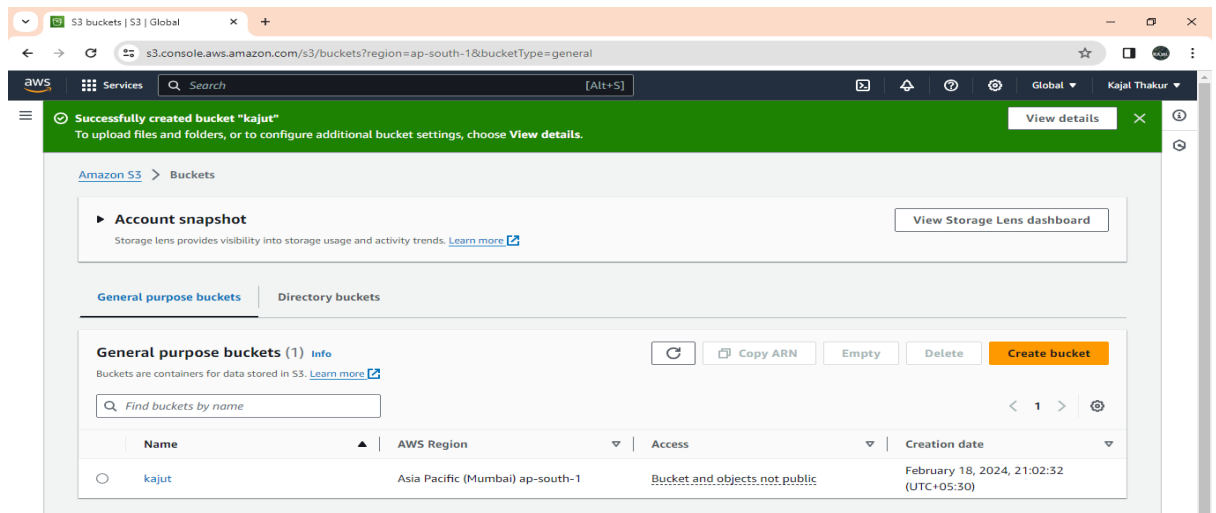
- Now **ACLs (Access Control List)** is disabled. And we have also kept **Block all public access** check.

The screenshot shows the 'Object Ownership' section of the 'Create S3 bucket' page. The 'ACLs disabled (recommended)' option is selected, with a note: 'All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.' The 'ACLs enabled' option is also visible. Below this, the 'Object Ownership' is set to 'Bucket owner enforced'. The 'Block Public Access settings for this bucket' section is expanded, showing 'Block all public access' checked, with a note: 'Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.' The 'Block public access to buckets and objects granted through new access control lists (ACLs)' checkbox is also checked.

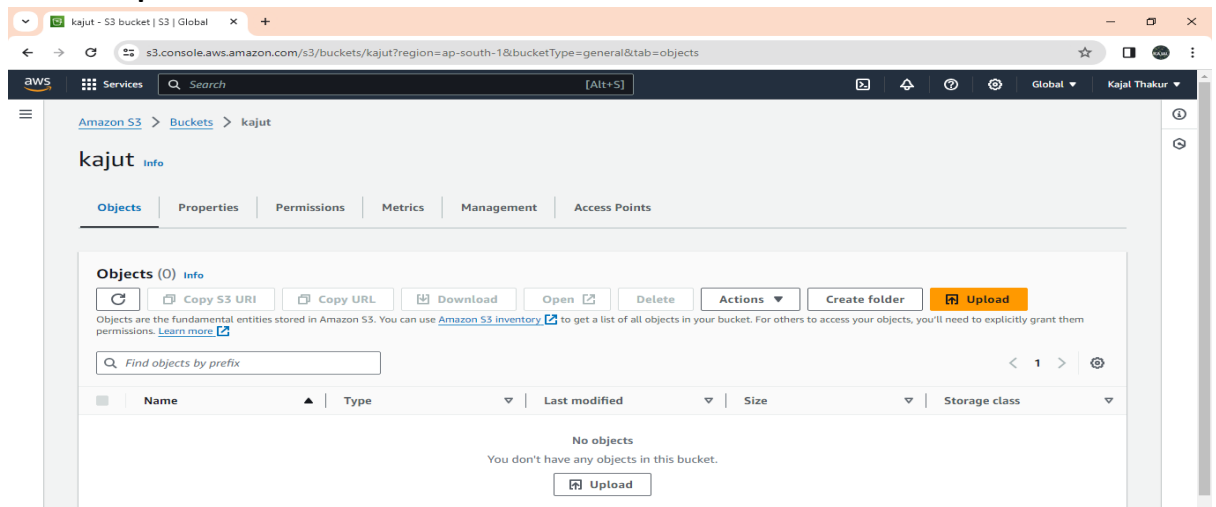
- Now click on **Create Bucket**.

The screenshot shows the 'Encryption type' section of the 'Create S3 bucket' page. The 'Server-side encryption with Amazon S3 managed keys (SSE-S3)' option is selected. The 'Bucket Key' section shows 'Enable' selected. The 'Advanced settings' section is expanded, showing a note: 'After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.' At the bottom, there are 'Cancel' and 'Create bucket' buttons.

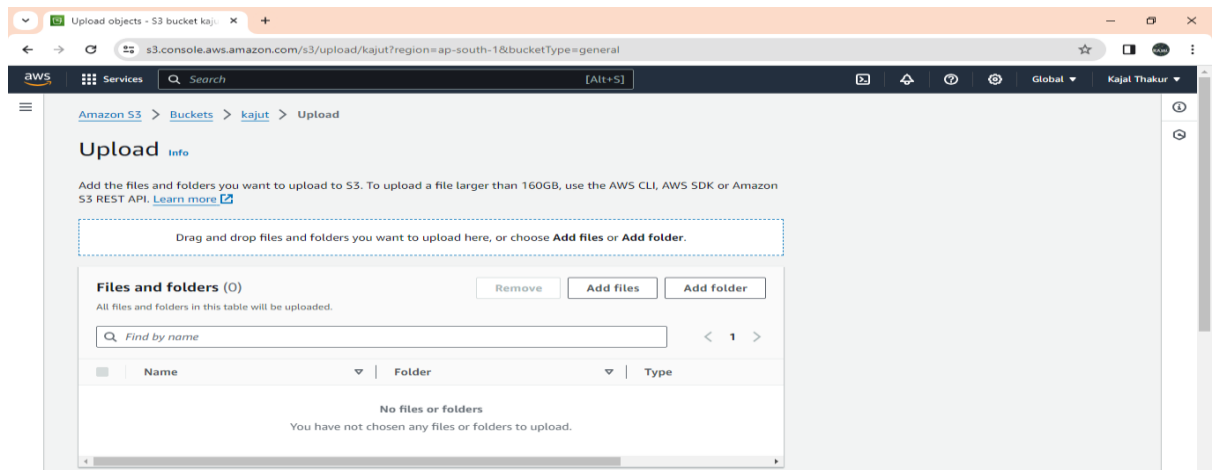
- Now click on newly create bucket.



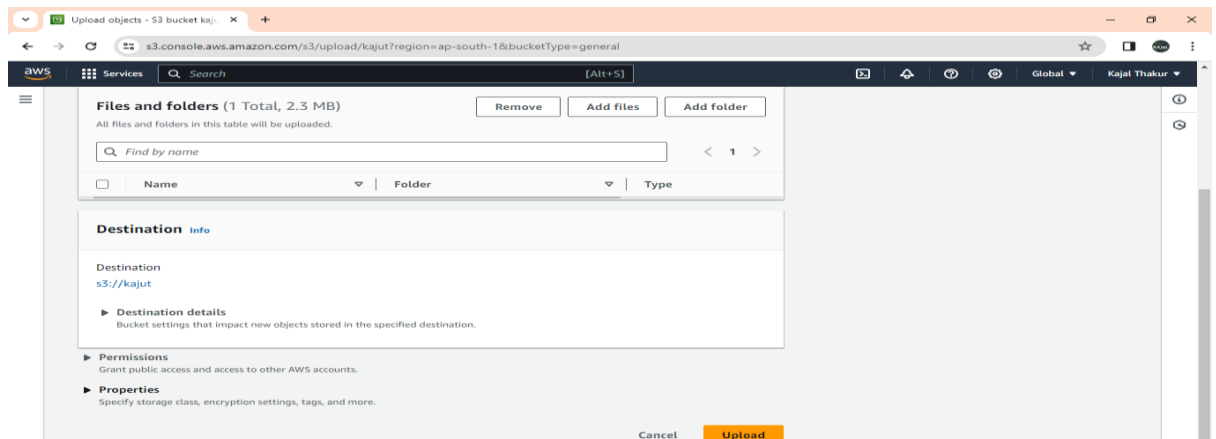
- Click on **Upload**.



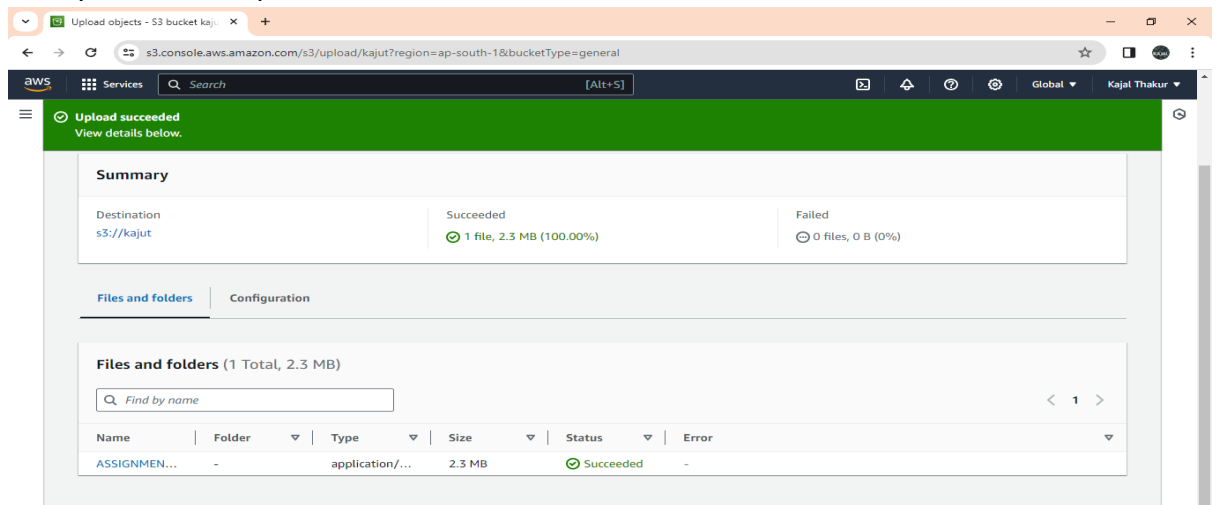
- Click on **Add files**.



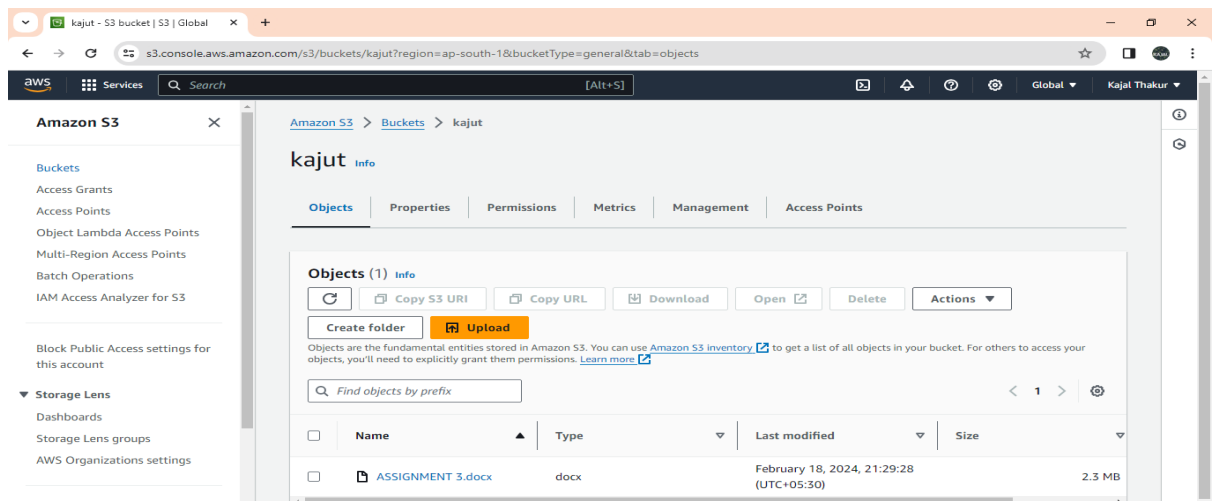
- After selecting file click on **Upload**.



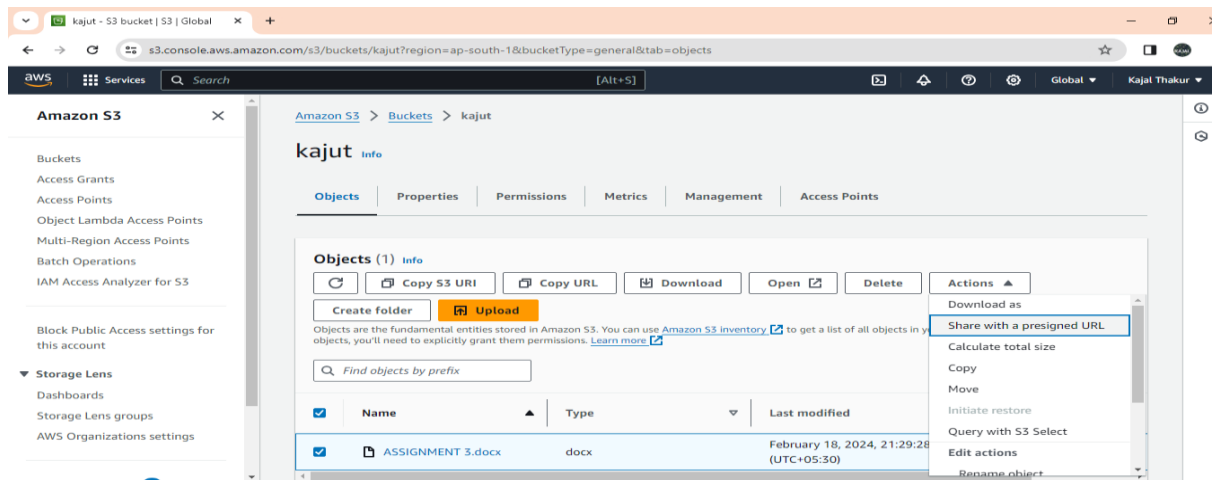
- Now you can see Upload succeeded . Click on close.



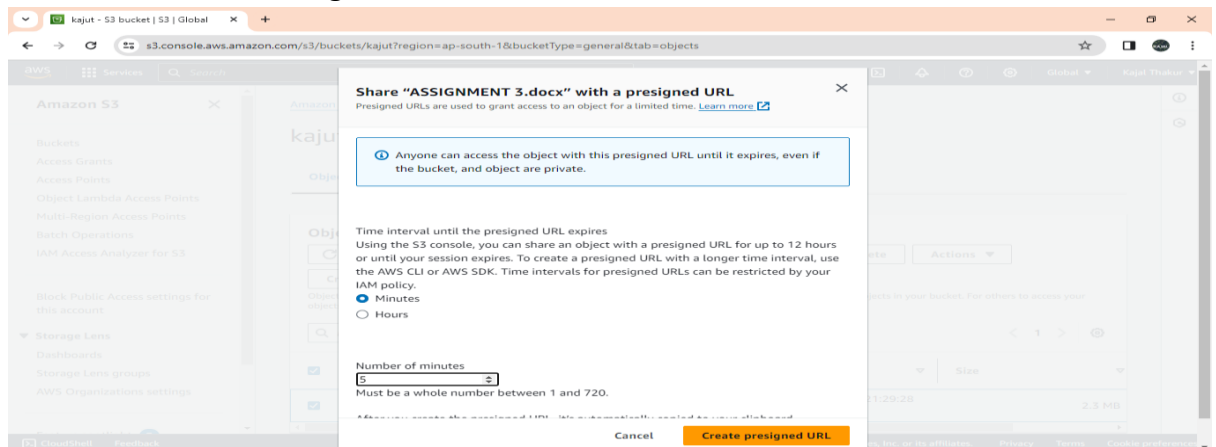
- Go back to Buckets. Click on bucket name and click on checkbox of uploaded file name.



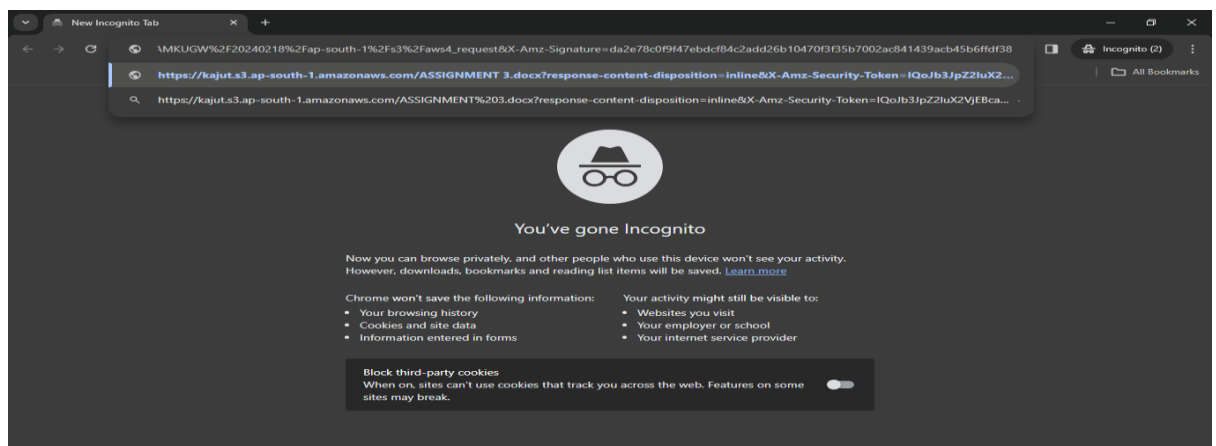
- Click on Actions dropdown and click on share with presigned URL.



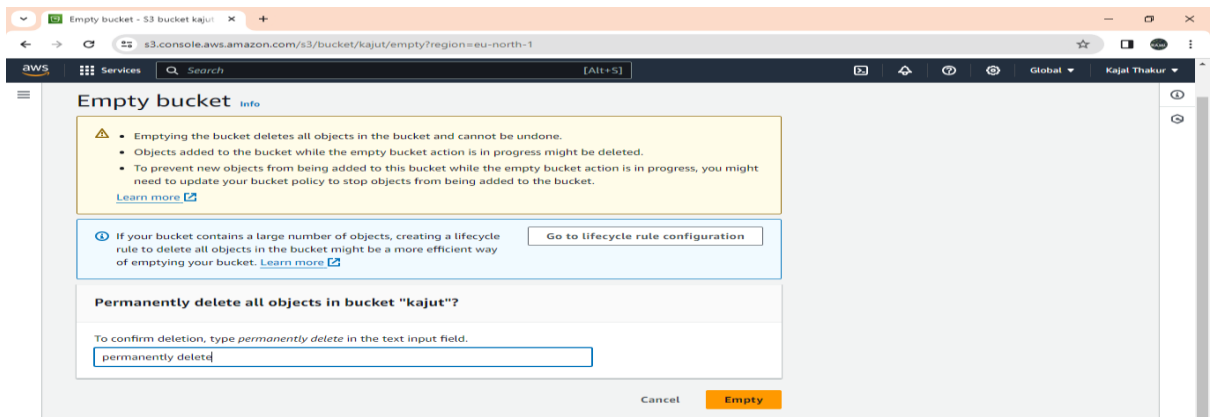
- Select time intervals for **presigned url** as **Minute**. And give 5 as number of minutes and click on **Create Presigned URL**.



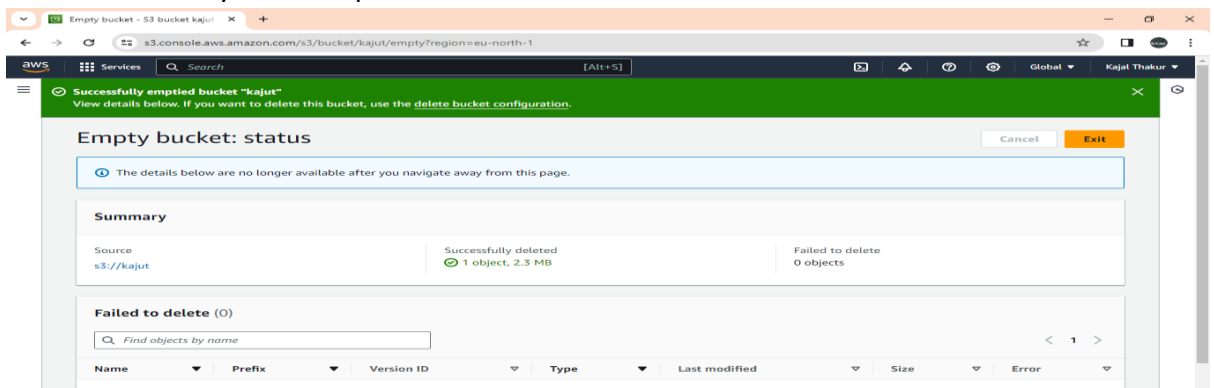
- Now paste this url in **incognito mode** and as we have given **5 minutes** time interval so after 5 minutes no one can access it again . After pressing in incognito you can download the file.



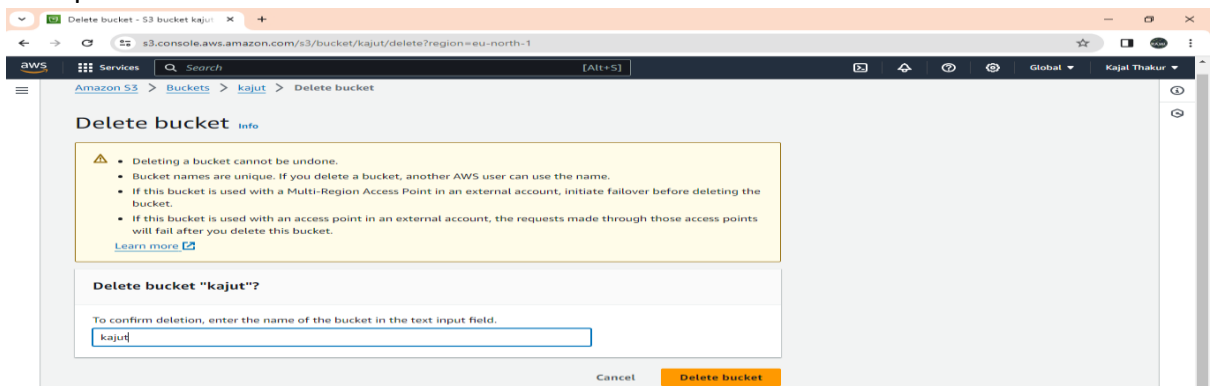
- Now to delete it at first click on **bucket** option name and then at first **empty** it . And type **permanently delete**.



- After successfully deletion press on **exit**.



- Now press on **Delete** and write confirmation and click on **Delete bucket**.



- Now successfully bucket will be deleted.

