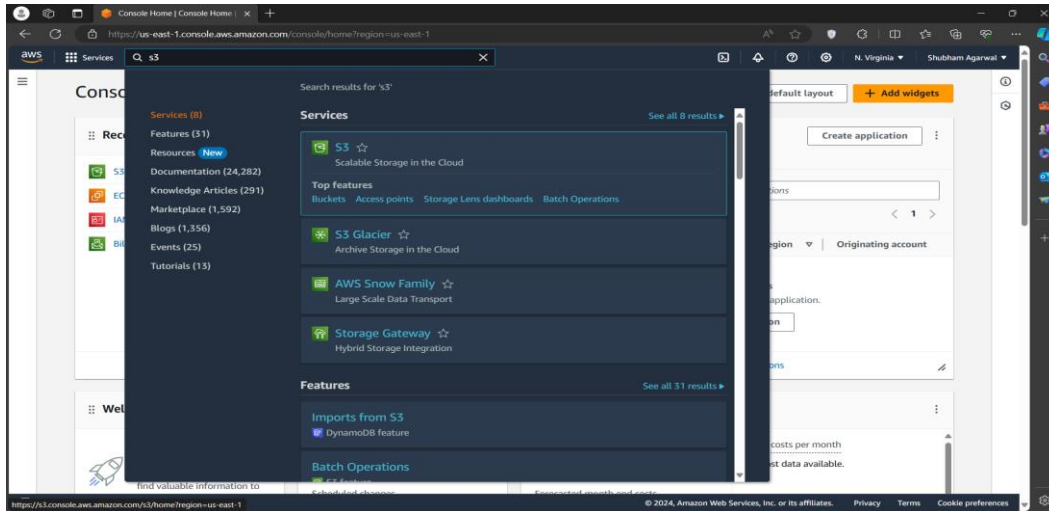


## Assignment No: 5

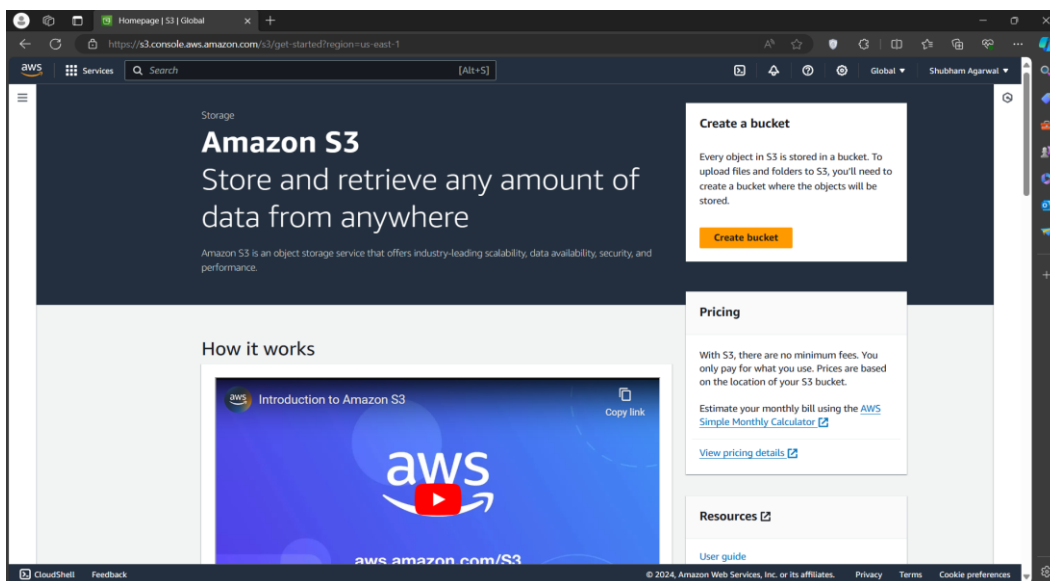
**Problem Statement:** Create a public Bucket in AWS. Upload a file and give the necessary permission to check whether file the URL is working.

The **steps are** as follows: -

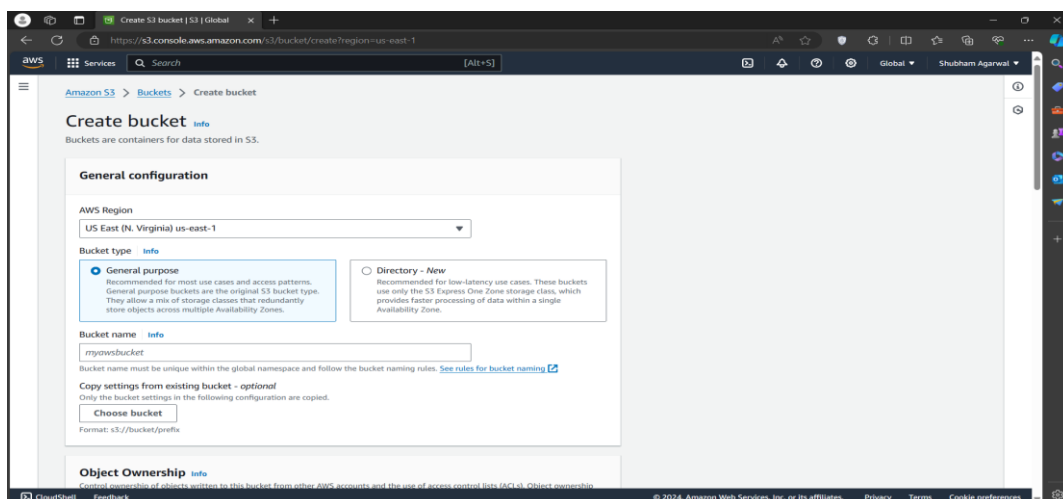
1. Access the **AWS console**, search for **S3**, and select the top option from the search results.



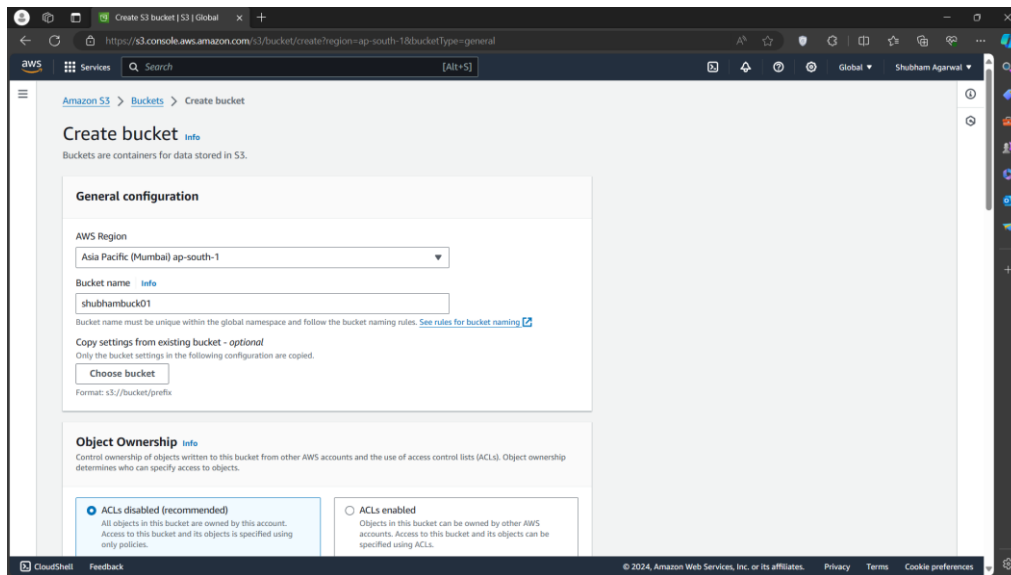
2. Click on 'Create bucket'.



3. The subsequent window appears.

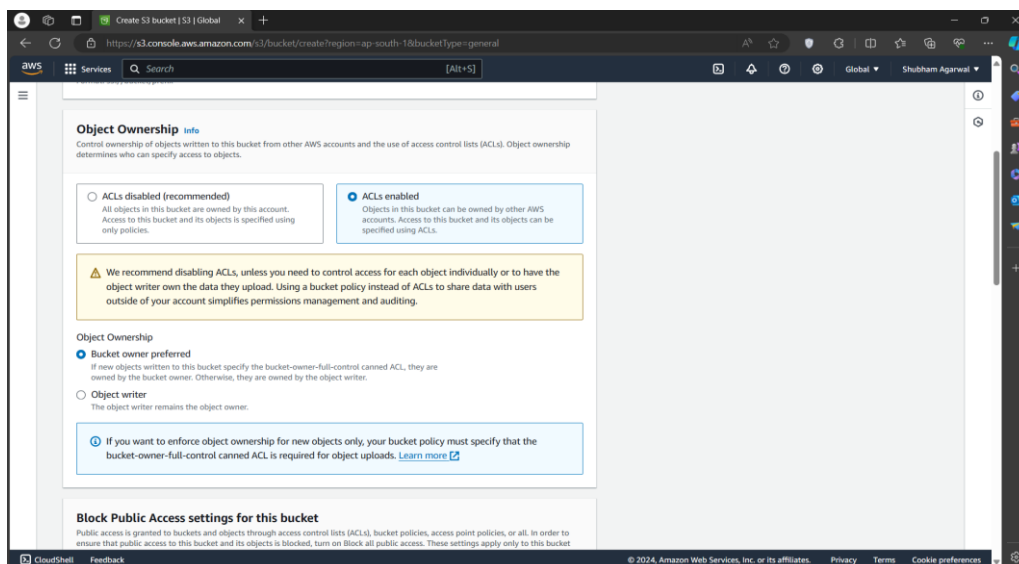


4. From the drop-down menu, select '**Asia Pacific (Mumbai) ap-south-1**' as the AWS Region. Next, specify a bucket name, such as '**-shubhambuck01**'.



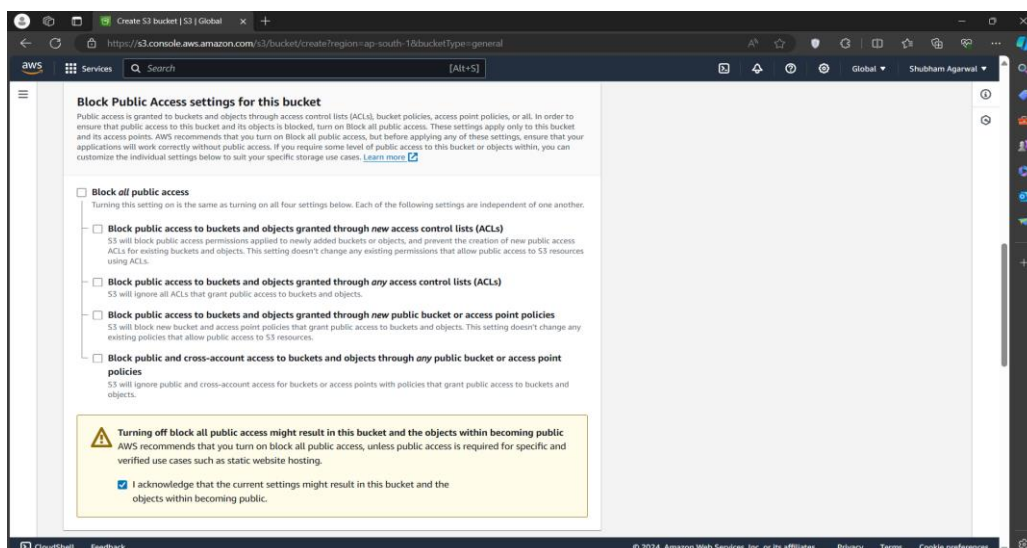
The screenshot shows the 'Create bucket' page in the AWS console. The 'General configuration' section has 'AWS Region' set to 'Asia Pacific (Mumbai) ap-south-1' and 'Bucket name' set to 'shubhambuck01'. The 'Object Ownership' section shows 'ACLs disabled (recommended)' selected by default. The 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section also includes a warning about ACLs and a note about bucket policy.

5. By default, the Object Ownership is set to '**ACLs disabled**' in this window. Select '**ACLs enabled**' since we are creating a **public bucket**.



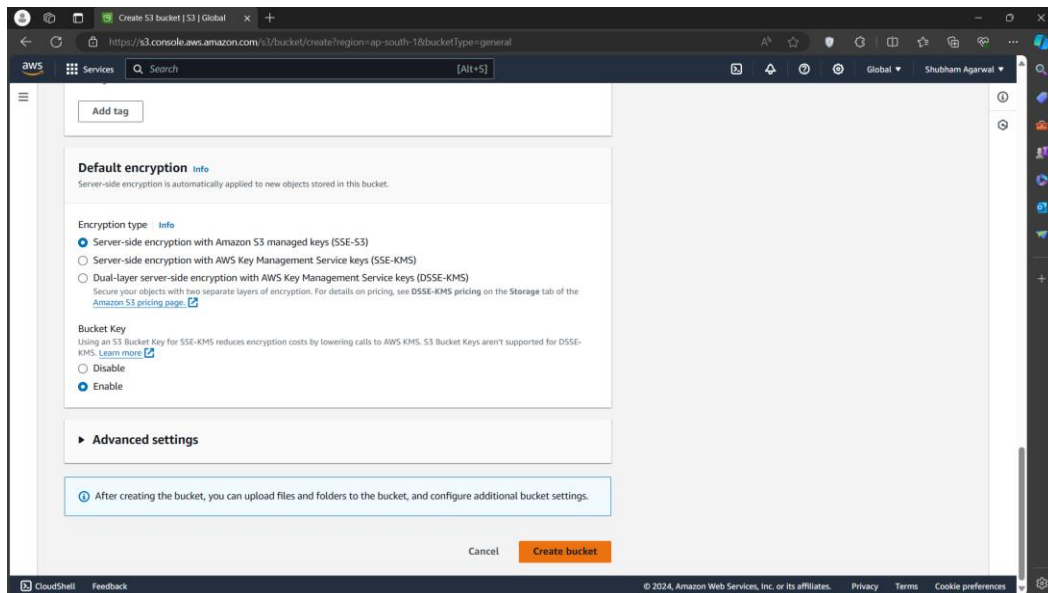
The screenshot shows the 'Object Ownership' section of the 'Create bucket' page. 'ACLs enabled' is selected. A warning message states: 'We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.' Below this, 'Bucket owner preferred' is selected under 'Object Ownership'. A note at the bottom states: 'If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. Learn more'.

6. Now, uncheck the box for '**block all public access**'. At the bottom of the window, check the box confirming that the current setting changes may result in a **public bucket**.

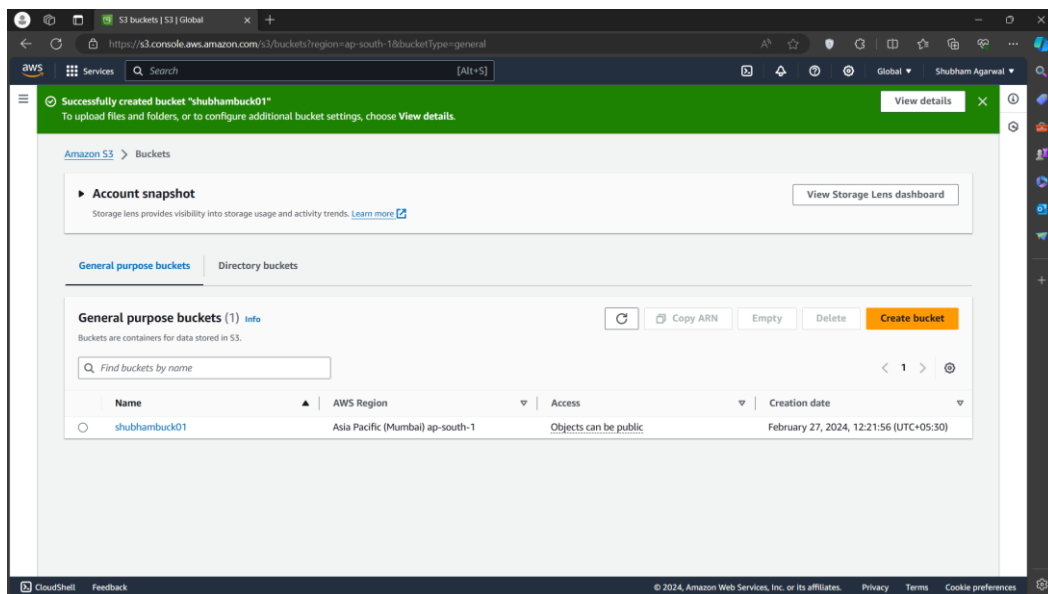


The screenshot shows the 'Block Public Access settings for this bucket' section. The 'Block all public access' checkbox is unchecked. A warning message states: 'Turning off block all public access might result in this bucket and the objects within becoming public. AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.' Below this, a checkbox is checked: 'I acknowledge that the current settings might result in this bucket and the objects within becoming public.'

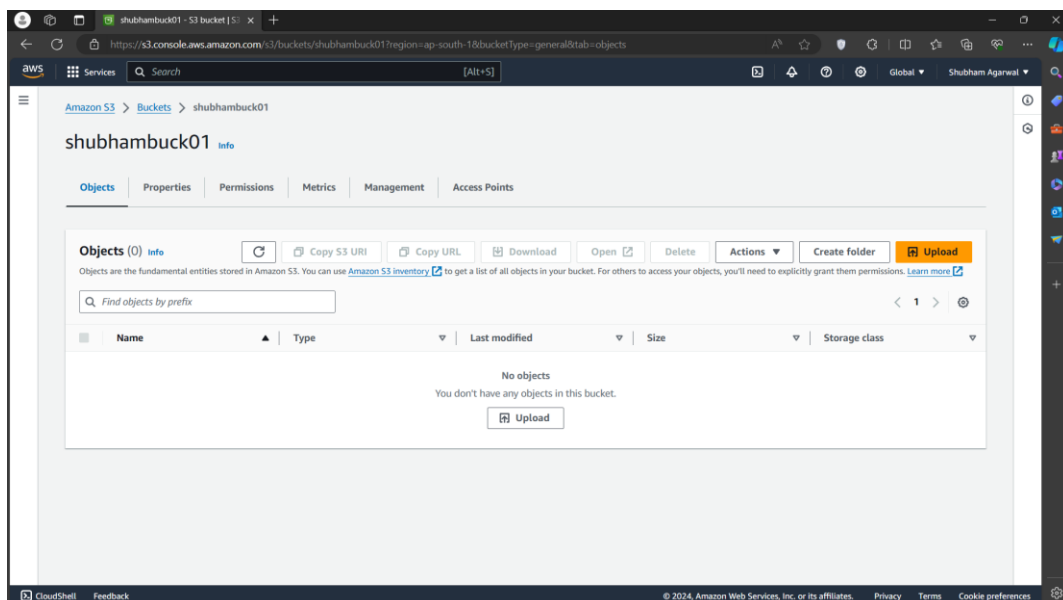
7. Scroll down without any further modifications and proceed to click on 'Create Bucket'.



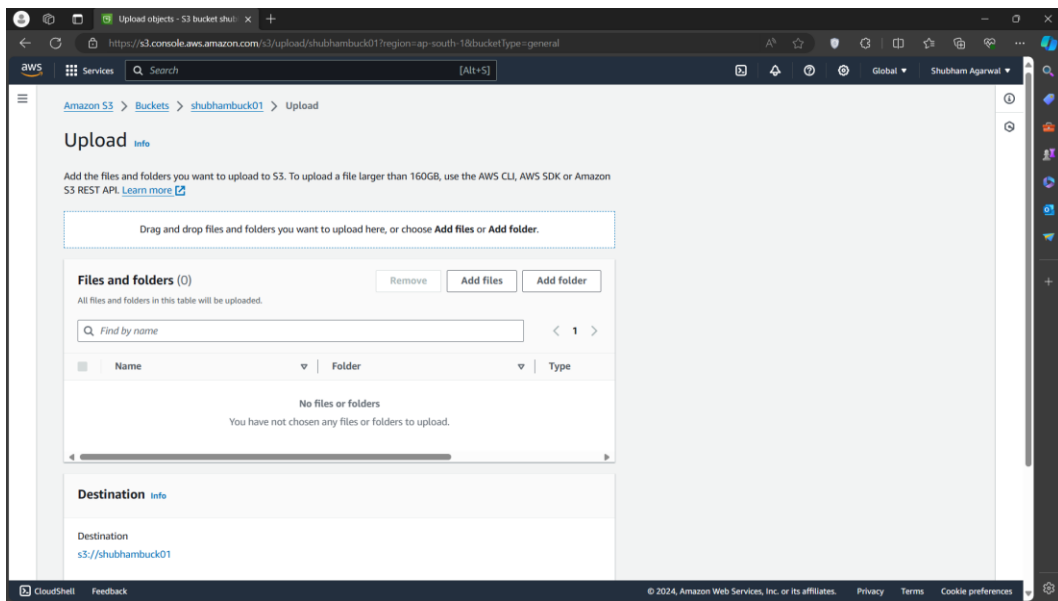
8. It's evident that the bucket has been successfully created.



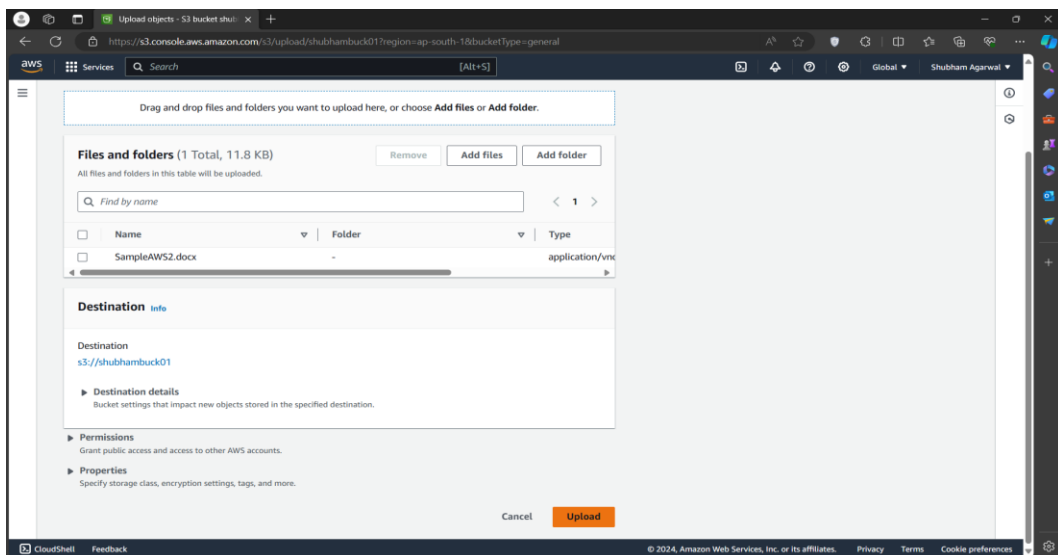
9. Now click on the bucket name.



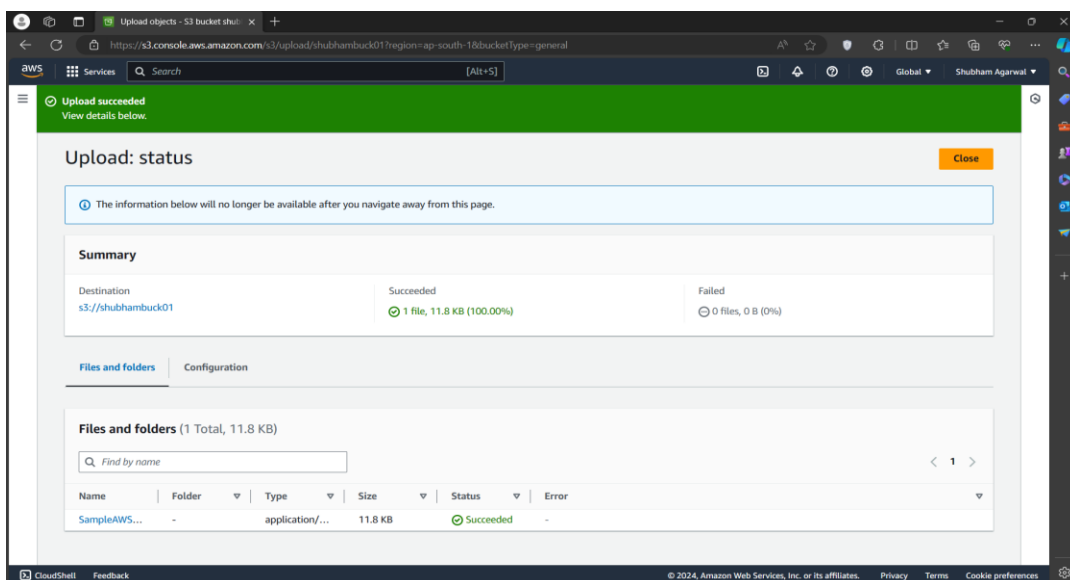
10. Choose the **'Upload'** option, which will lead to the opening of the subsequent window. From there, click on **'Add files'** and proceed to upload your desired file into the selected bucket (in this case, SampleAWS2.docx).



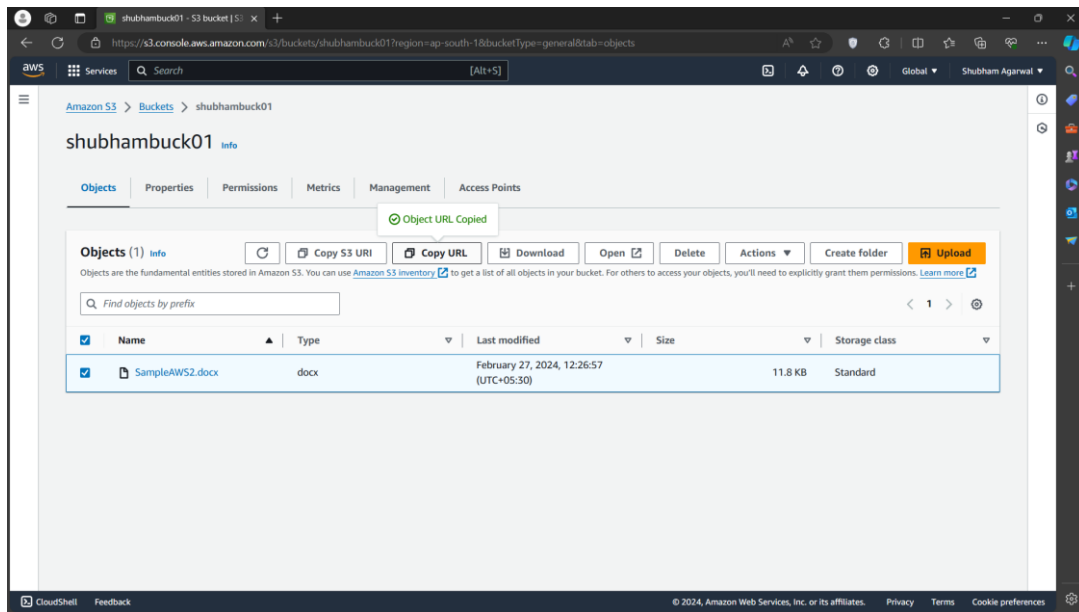
11. Scroll down and proceed to click on **'Upload'**.



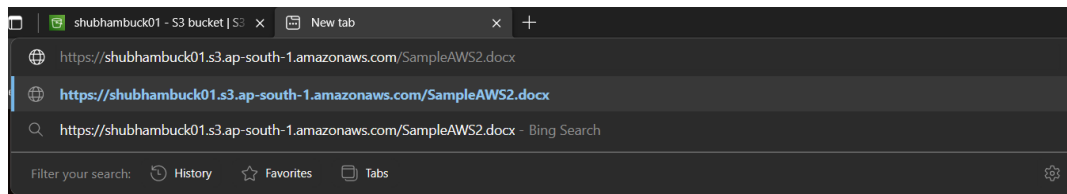
12. The notification confirms that the file has been successfully uploaded. Click on **'Close'** to return.



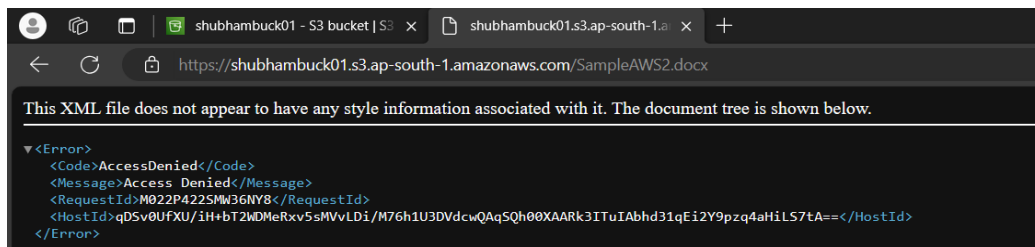
13. Now, select the checkbox next to the uploaded file, then click on 'Copy URL'.



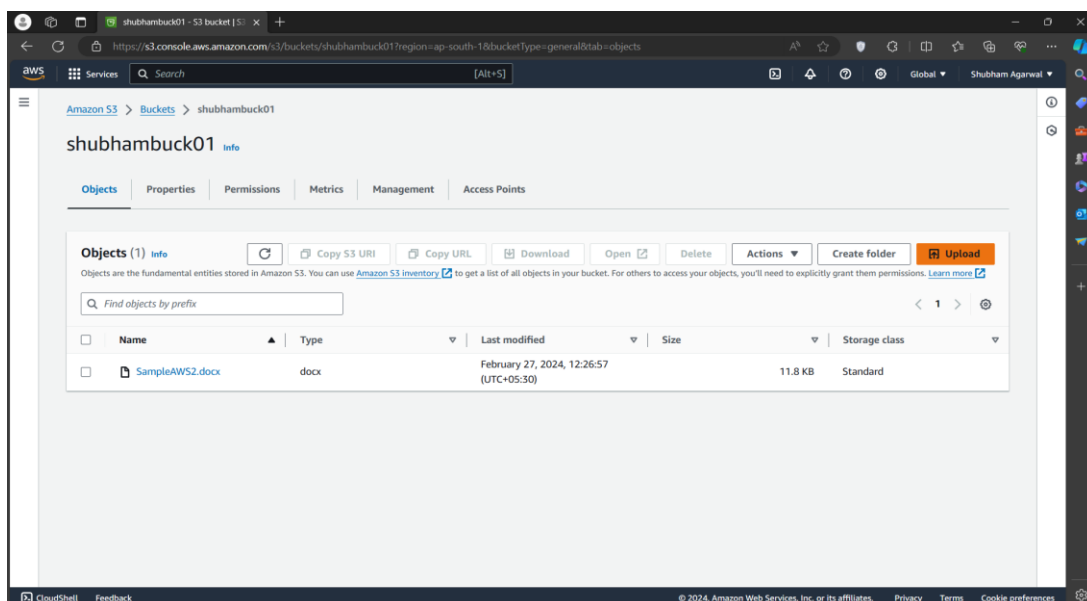
14. Navigate to a new window, paste the URL, and proceed with the search.



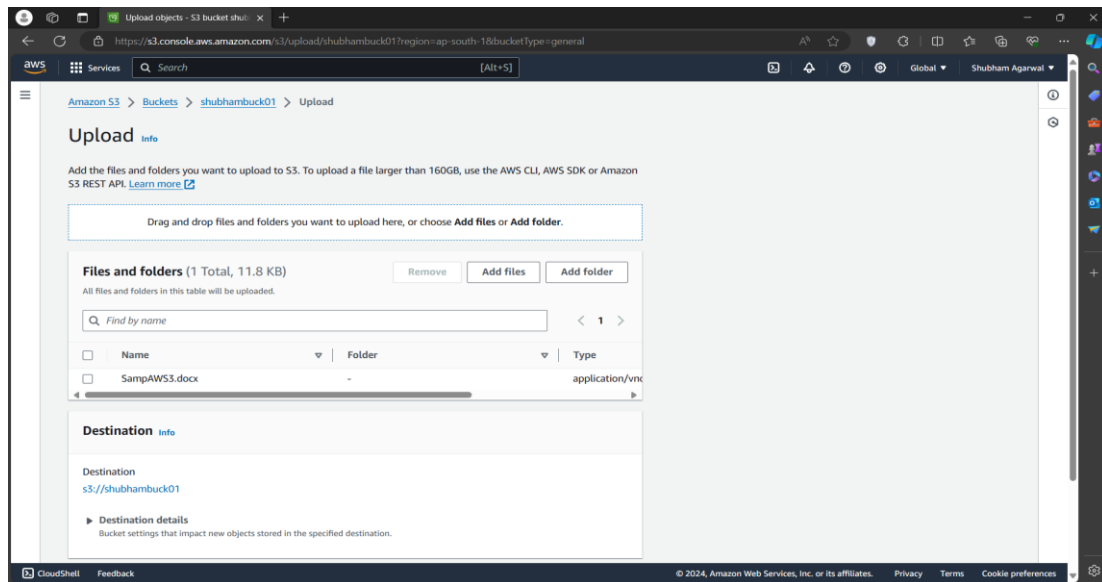
15. An error appears indicating that access to the contents is restricted.



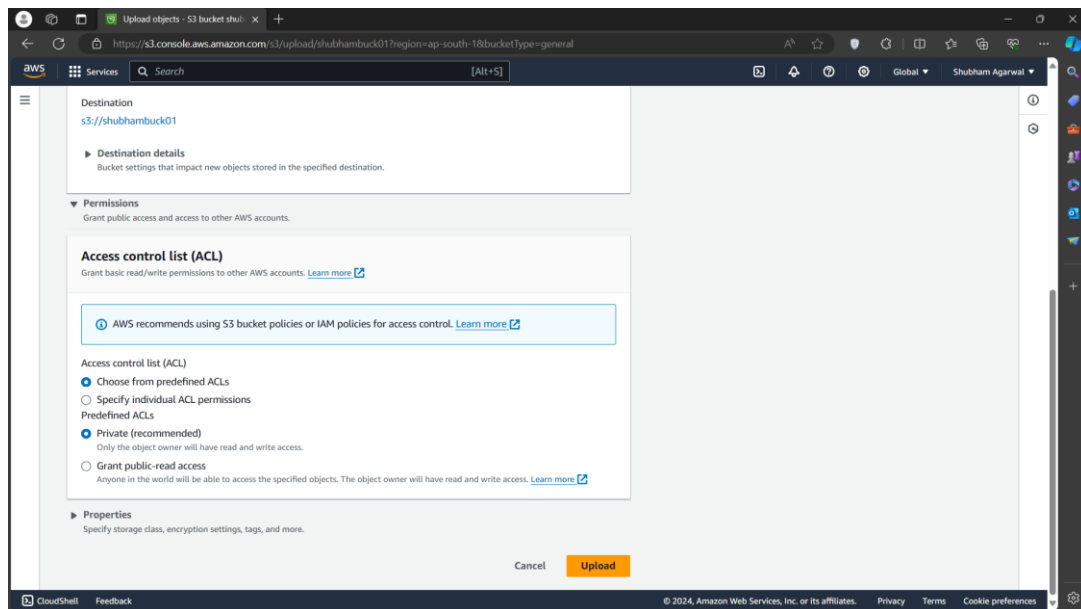
16. Close the current window, then proceed to upload a new file or folder as desired.



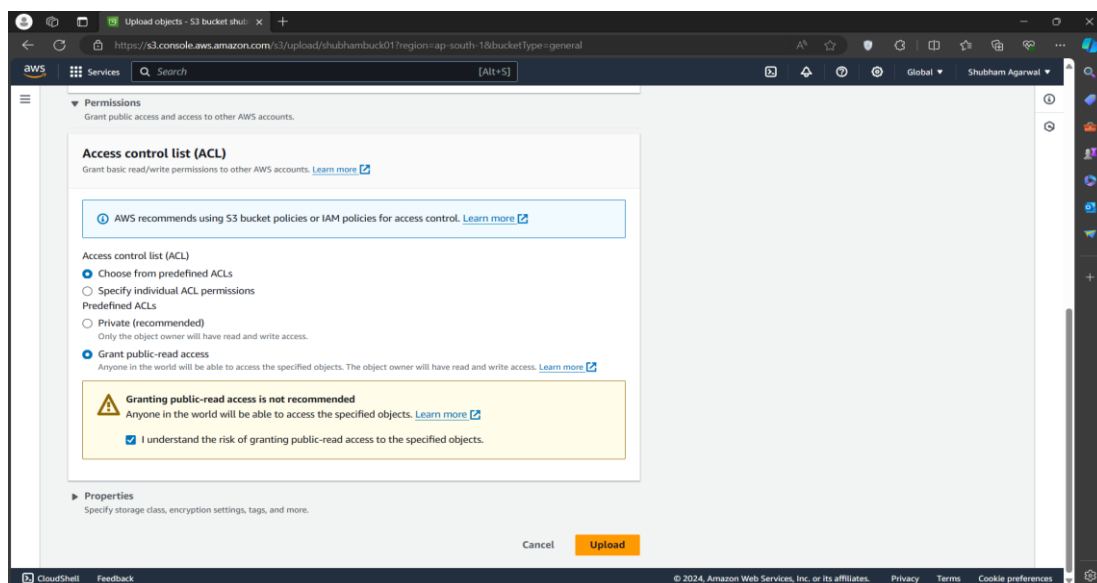
17. In this instance, a new file named SampAWS3.docx has been uploaded.



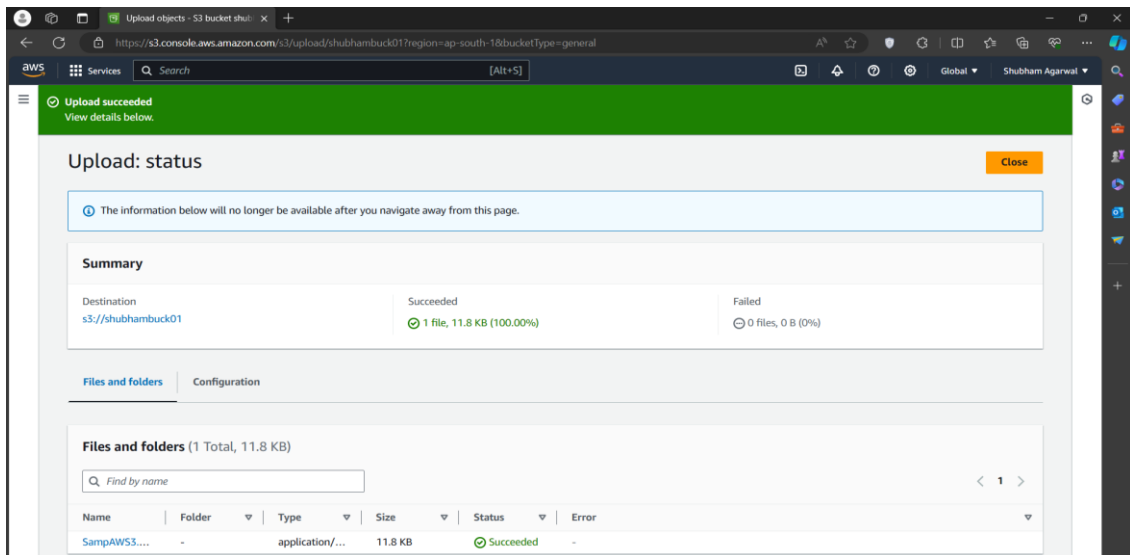
18. Next, scroll down and select the 'Permission' option.



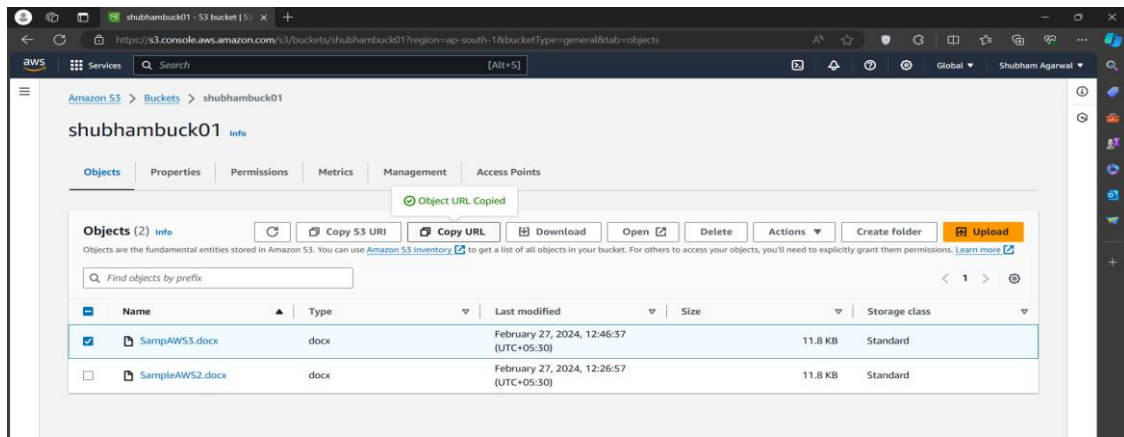
19. Modify the selection in 'Predefined ACLs' to 'Grant public access' to ensure the file is publicly accessible. Then, proceed to click on 'Upload'.



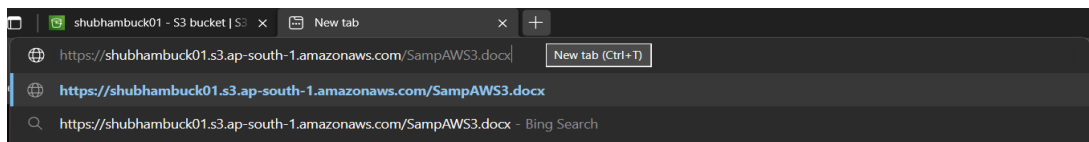
20. The notification confirms that the file has been successfully uploaded. Click on 'Close' to return.



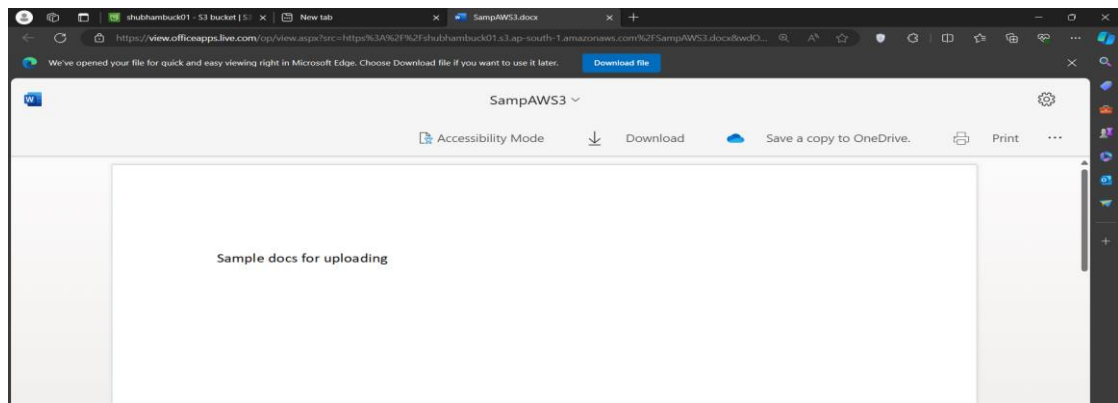
21. Now, choose the file that has been granted public access, then proceed to 'copy the URL'.



22. Open a new Chrome window, paste the URL, and proceed with the search.



23. The uploaded file opens successfully.



**Note :** Now Delete all the files and Buckets created in this Activity, selecting the bucket and clicking on **Delete** Option and completing the steps...