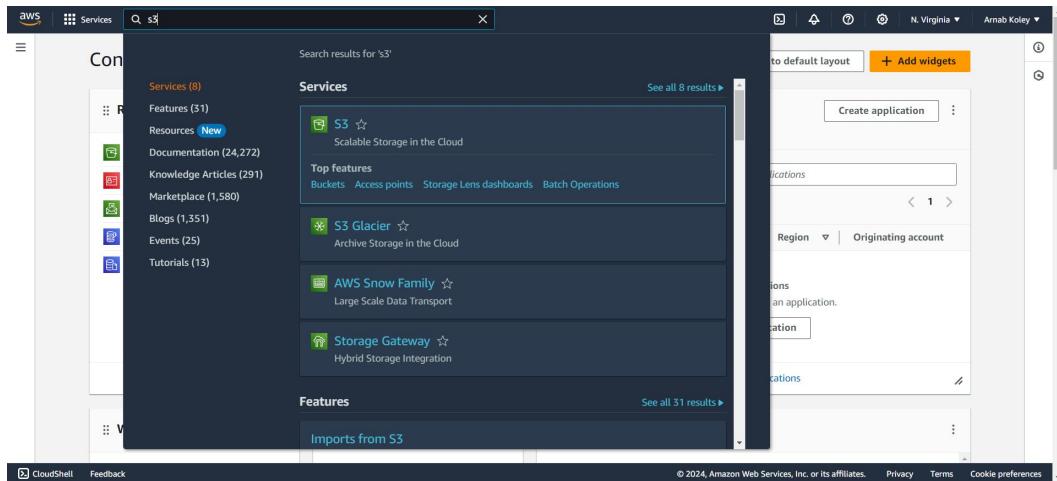


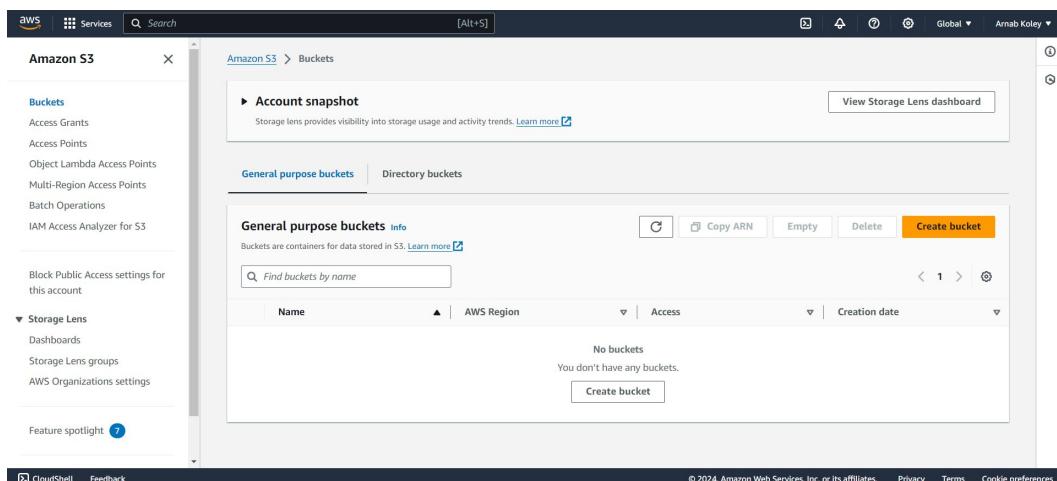
Assignment No : 05

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

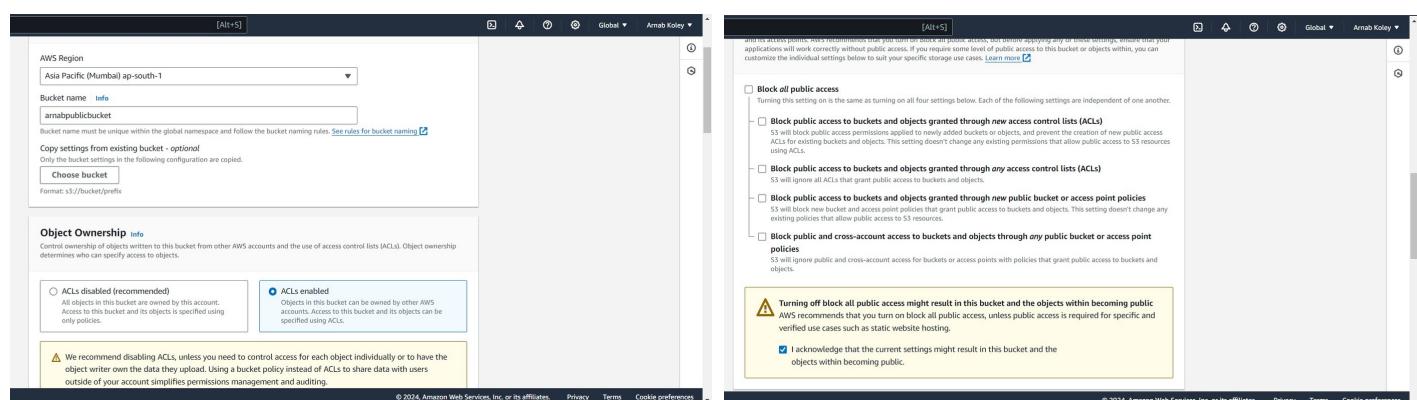
- Answer :**
- 1) Go to 'https://console.aws.amazon.com' & sign in to AWS account.
 - 2) Search for 'S3' & go to 'S3'.



- 3) Go to 'Buckets' & click 'Create bucket'.



- 4)
 - Give a Bucket name. (Ex-arnabpublicbucket)
 - Select 'ACLs enabled' & uncheck 'Block all public access'.
 - Check the acknowledge box & Click 'Create bucket'.



5) Now public bucket is created. Go to the newly created bucket.

The screenshot shows the AWS S3 service page. A green banner at the top indicates that a bucket named "arnabpublicbucket" has been successfully created. Below the banner, the "General purpose buckets" section is visible, showing one bucket named "arnabpublicbucket". The bucket details are as follows:

Name	AWS Region	Access	Creation date
arnabpublicbucket	Asia Pacific (Mumbai) ap-south-1	Objects can be public	February 18, 2024, 22:51:13 (UTC+05:30)

6) Click 'Permissions'.

The screenshot shows the "arnabpublicbucket" bucket details page. The "Permissions" tab is selected. Under "Block public access (bucket settings)", the "Block all public access" setting is shown as "Off".

7) Under Access control list (ACL) click 'Edit'.

The screenshot shows the "arnabpublicbucket" bucket details page with the "Edit" button for the ACL section highlighted. The "Access control list (ACL)" table shows the following grants:

Grantee	Objects	Bucket ACL
Bucket owner (your AWS account) Canonical ID: 7aa90a2746bf3553e2ed07e4cb673abc6fb25ec09de0c151fa4a7349f9a0	List, Write	Read, Write
Everyone (public access) Group: http://acs.amazonaws.com/groups/global/AllUsers	-	-
Authenticated users group (anyone with an AWS account) Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers	-	-
S3 log delivery group Group: http://acs.amazonaws.com/groups/s3/LogDelivery	-	-

8) Check the 'List' and 'Read' of Everyone(public access), acknowledge box & click 'Save changes'.

The screenshot shows the "arnabpublicbucket" bucket details page with the "Edit" button for the ACL section highlighted. The "Access control list (ACL)" table now shows the "Everyone (public access)" grant with the "List" and "Read" checkboxes checked. The "Acknowledge" checkbox is checked, and the "Save changes" button is visible.

- 9) • Go to ‘Objects’.
• Click ‘Upload’ button.

The screenshot shows the AWS S3 console with the path 'Amazon S3 > Buckets > arnabpublicbucket'. The left sidebar includes options like Buckets, Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings for this account, Storage Lens, Dashboards, Storage Lens groups, AWS Organizations settings, and Feature spotlight. The main content area is titled 'arnabpublicbucket' and shows the 'Objects (0)' section. It includes buttons for Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload. A search bar says 'Find objects by prefix'. Below it is a table with columns Name, Type, Last modified, Size, and Storage class, which currently displays 'No objects'. At the bottom is a large orange 'Upload' button.

- 10) Click ‘Add files’ & upload a file.

The screenshot shows the 'Upload' page for the 'arnabpublicbucket' bucket. The left sidebar is identical to the previous screenshot. The main area has a large dashed box for dragging files. Below it is a section titled 'Files and folders (0)' with buttons for Remove, Add files, and Add folder. A search bar says 'Find by name'. The table below shows 'No files or folders' and 'You have not chosen any files or folders to upload.' At the bottom is a 'Destination' section.

- 11) Under ‘Permissions’ :
 • Select ‘Specify individual ACL permissions’.
 • Check ‘Read’ and ‘Read’ of ‘Everyone (public access)’ Group.
 • Click ‘Upload’.

The screenshot shows the 'Permissions' section for the 'arnabpublicbucket' bucket. The left sidebar is identical. The main area starts with a note: 'Bucket settings that impact new objects stored in the specified destination.' Below it is a 'Permissions' section with a note: 'Grant public access and access to other AWS accounts.' Under 'Access control list (ACL)', there is a note: 'AWS recommends using S3 bucket policies or IAM policies for access control.' A radio button for 'Specify individual ACL permissions' is selected. The table below shows 'Grantee' (Object owner), 'Objects' (checkboxes for Read and Write), and 'Object ACL' (checkboxes for Read and Write). The 'Everyone (public access)' group is selected, showing 'Read' and 'Write' checkboxes.

12) File is now uploaded in the bucket. Click 'Close'.

The screenshot shows the AWS S3 'Upload: status' page. At the top, a green banner indicates 'Upload succeeded'. Below it, the 'Summary' section shows the destination as 'arnabpublicbucket' with one file uploaded ('wallpaper.jpg') at 574.1 KB (100.00%) and no errors. The 'Files and folders' tab is selected, displaying a table with one item: 'wallpaper.jpg' (image/jpeg, 574.1 KB, Succeeded). A 'Find by name' search bar is present above the table. The bottom right corner has a 'Close' button.

13) • Check the uploaded file.
• Click 'Copy URL'.

The screenshot shows the AWS S3 bucket 'arnabpublicbucket' info page. The 'Objects' tab is selected, showing one object: 'wallpaper.jpg' (Type: jpg, Last modified: February 18, 2024, 23:18:55 (UTC+05:30), Size: 574.1 KB, Storage class: Standard). Action buttons include Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload. A 'Find objects by prefix' search bar is at the top. The bottom right corner includes standard AWS links: CloudShell, Feedback, Privacy, Terms, and Cookie preferences.

14) • Go to another tab of the browser & paste the copied link.
• Our uploaded file is opened.

