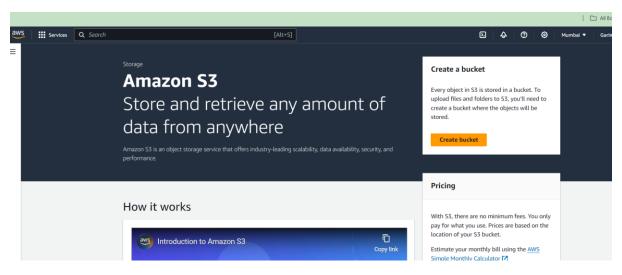
Name: Garima Nagesh Joshi

Cloud Computing: Storage as a service using AWS

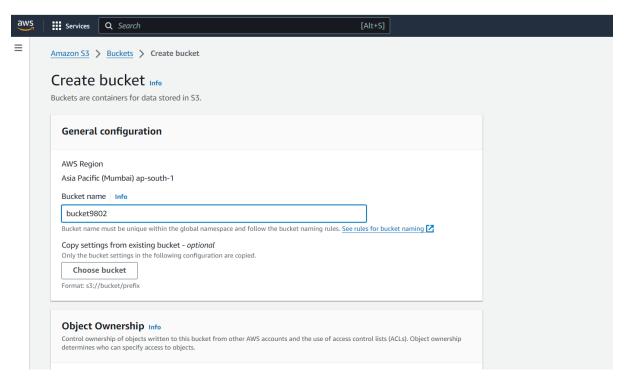
## Q.) Implement S3 for:

- 1. uploading a file, video, etc.
- 2. uploading a static website

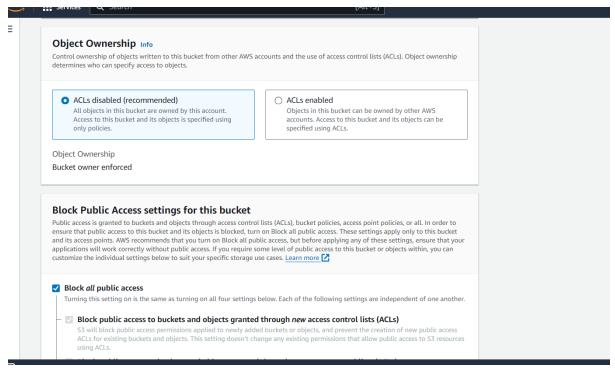
Ans:



## Click on create bucket button

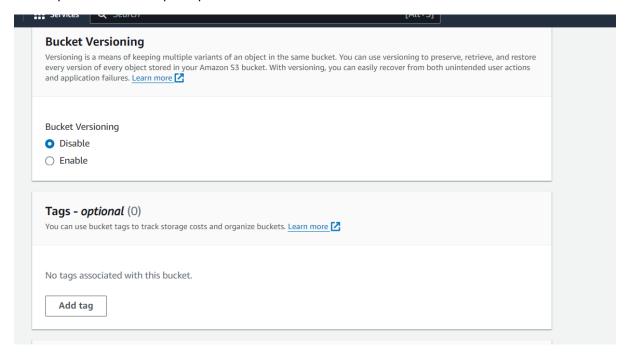


Assign a name to the new bucket

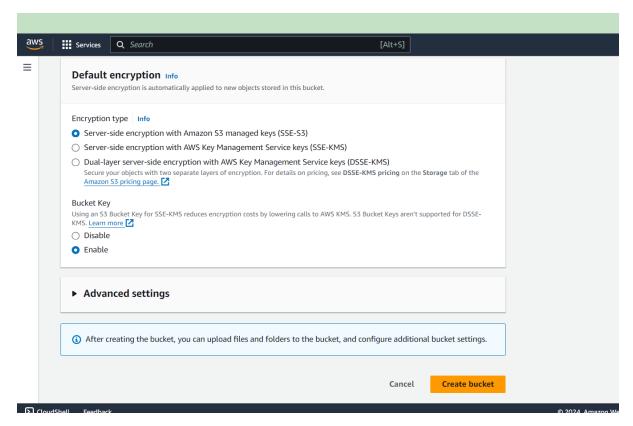


Under object ownership, we disable the ACLS so that the content of our bucket is owned only by us and the content access depends on the policies and not by using ACLs.

Under Block Public Access, we select the checkbox for Block all public access, meaning that only we can access the contents of the bucket. The contents cannot be accessed even through the ACLs or bucket policies or access point policies or all.



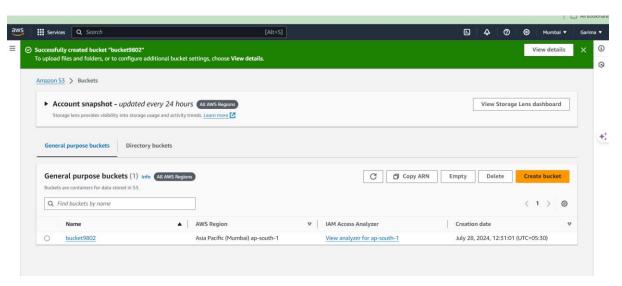
Bucket versioning is disabled since we don't want to have multiple variants of the objects that are present in the bucket.



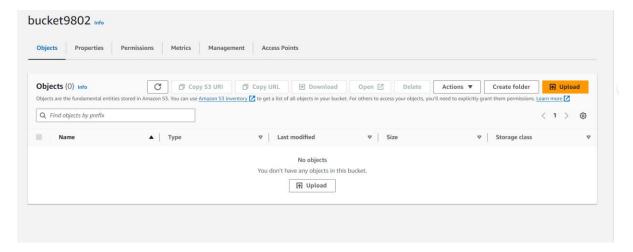
Select the Server-side encryption with Amazon S3 managed keys is (SSE-S3). This gives basic protection for our bucket. Here, we don't need to bother about the protection. Amazon takes care of everything regarding the protection and safety.

We enable the Bucket Key to reduce the cost of server-side encryption process and simplify the encryption process by using a single, bucket level key to encrypt the multiple objects in the bucket rather than having to handle individual encryption keys for each object in the bucket.

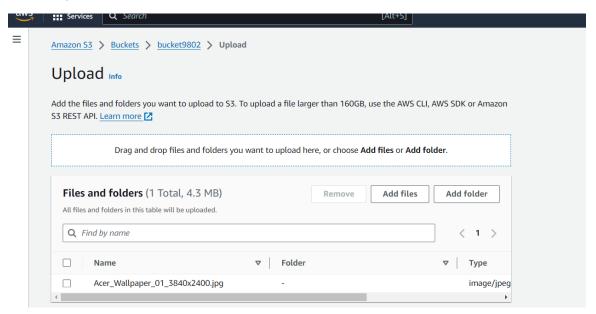
Click on Create Bucket button to create the bucket.



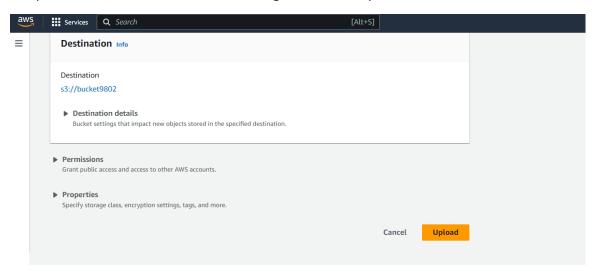
Once the bucket is created, we get the following page.



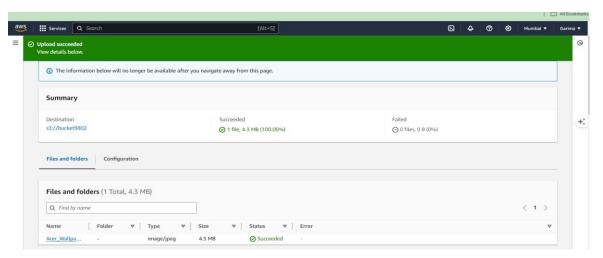
We select the bucket and come to this page where we can upload the required file in the bucket. Click on upload.



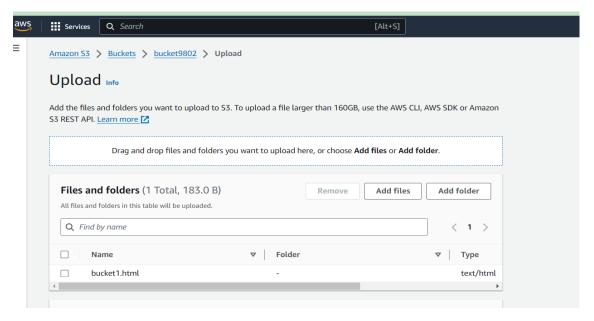
Click on add files or add folders depending on the object. After selecting, we get to see the object to be uploaded. Here, we have selected an image we want to upload.



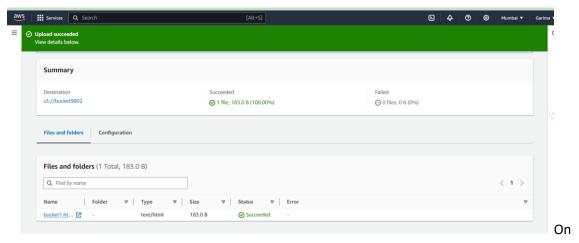
The destination section tells us in which bucket the object will be uploaded. Click on Upload to upload the object in the bucket.



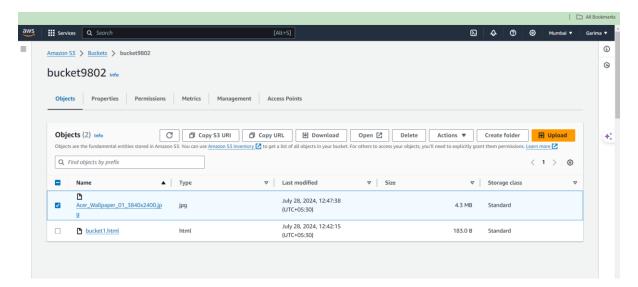
On successful uploading, we get above page.



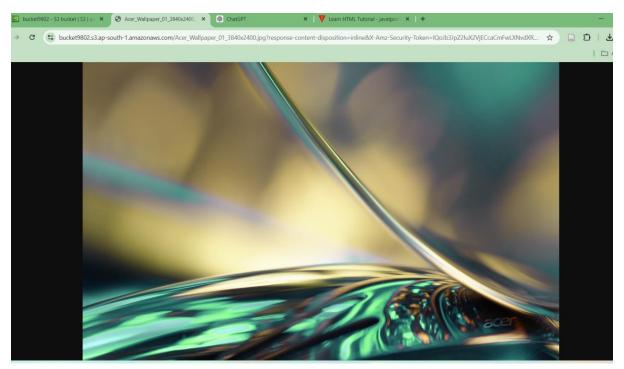
Here, we have selected an html file to be uploaded.



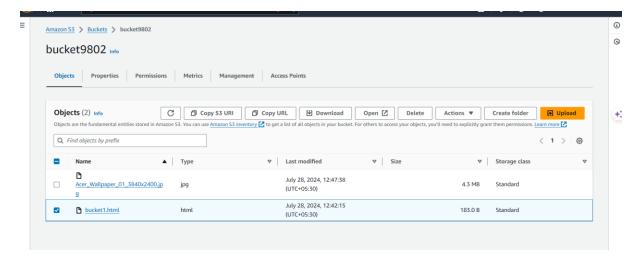
successful uploading of object, we get this page.



To open the image, select the image from list of objects, click open button.



The image gets opened in a new tab.



To open the website, go to the bucket, select the object, click on Open button above.



## Write Your First Heading

Write Your First Paragraph.

The above website opens.