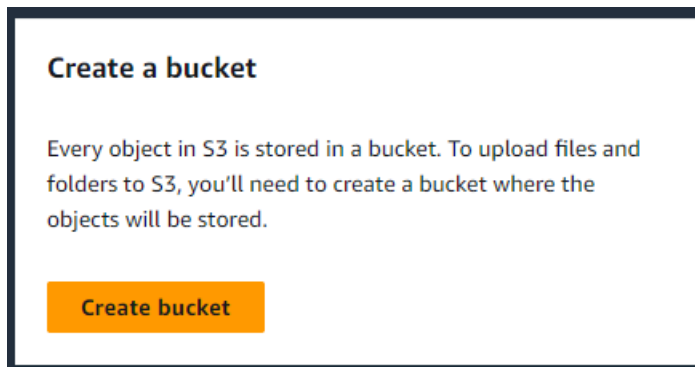


L6 - Create S3 Bucket and add folders and files.

Ans :-

First of all login your credential and aws console.

Steps1:- go to search box of aws console and type 'S3' and click on it then click on create bucket



**General configuration → Bucket Name= “anil-aws-sa-bucket”**

**General configuration**

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

Bucket name [Info](#)

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.

Format: s3://bucket/prefix

**Object Ownership → ACLs disabled (recommended)**

**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)**  
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ **ACLs enabled**  
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership  
Bucket owner enforced

## ➔ Block Public Access settings for this bucket

**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.
- ☒ **Block public access to buckets and objects granted through *new* public bucket or access point policies**

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☒ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

## Bucket Versioning = enable

**Bucket Versioning**

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

☐ Disable

☒ Enable

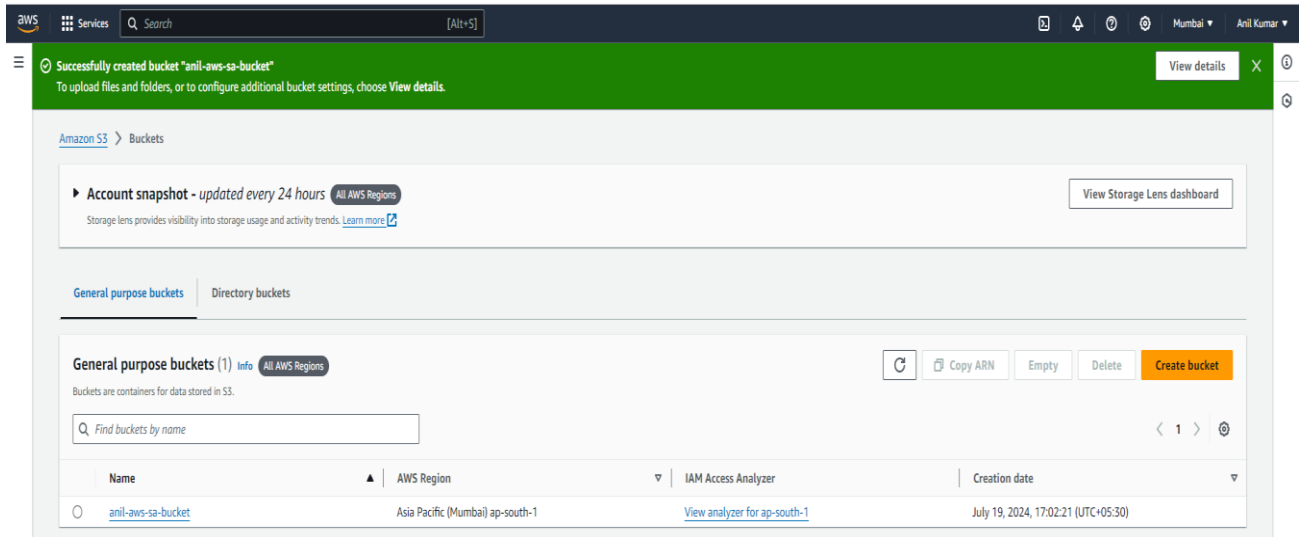
## ➔ Create Bucket

**► Advanced settings**

**i** After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

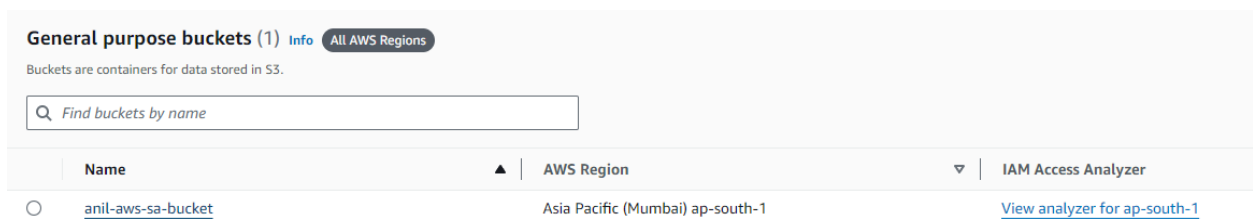
Cancel **Create bucket**

Now bucket has been created

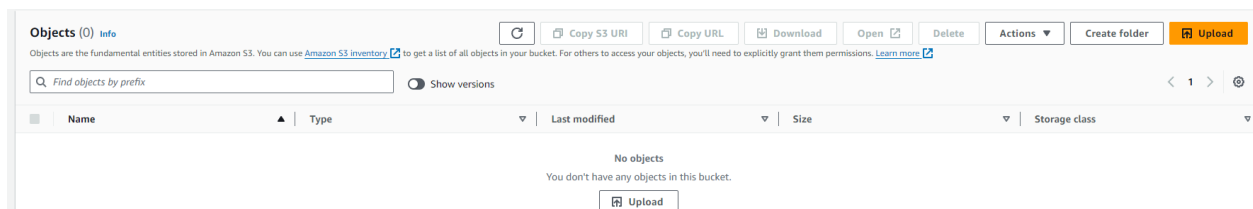


## Step 2:- Adding folder in bucket

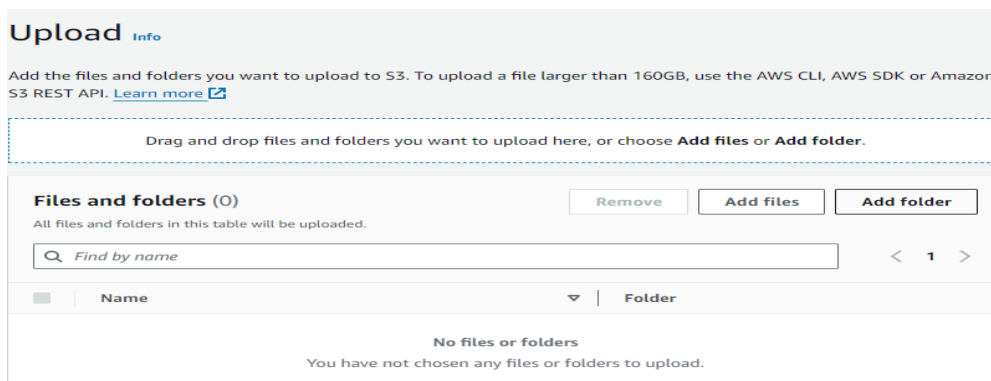
Now click on the bucket ‘anil-aws-sa-bucket’



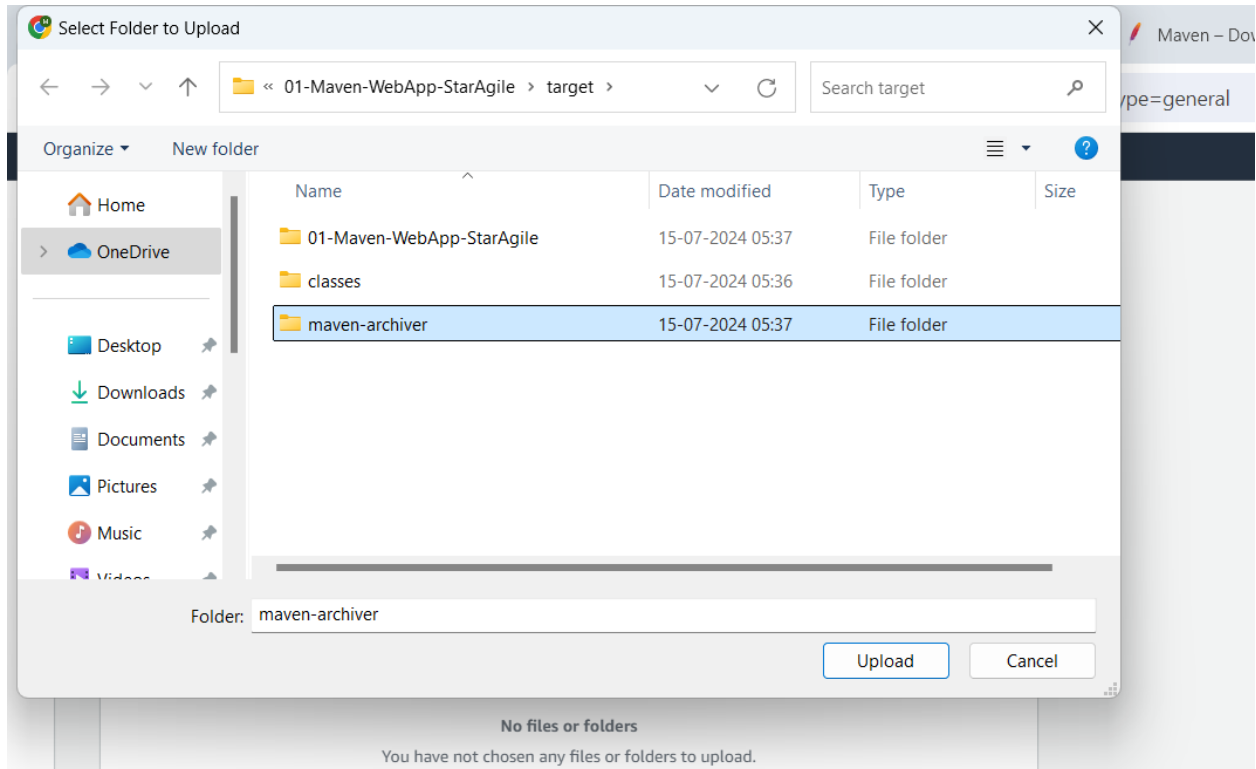
➔ Click on upload



➔ Click on add folder



➔ Select the folder you want to add in bucket and click on upload

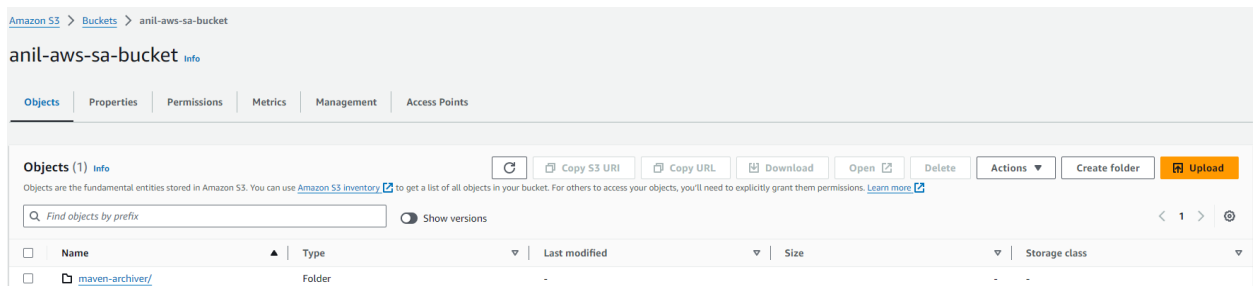


As a result folder is uploaded in bucket

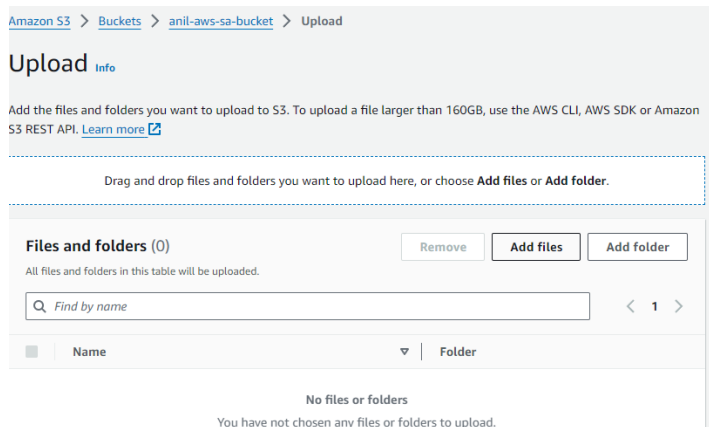
Files and folders (1 Total, 82.0 B)						
<input type="text" value="Find by name"/>						
Name	Folder	Type	Size	Status	Error	
<a href="#">pom.properties</a>	maven-archiver/	-	82.0 B	✓ Succeeded	-	

### Step 3:- Adding folder in file bucket

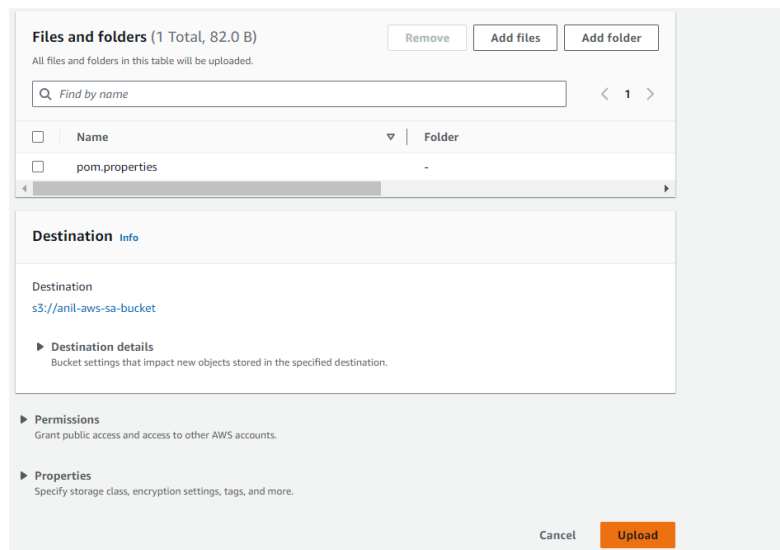
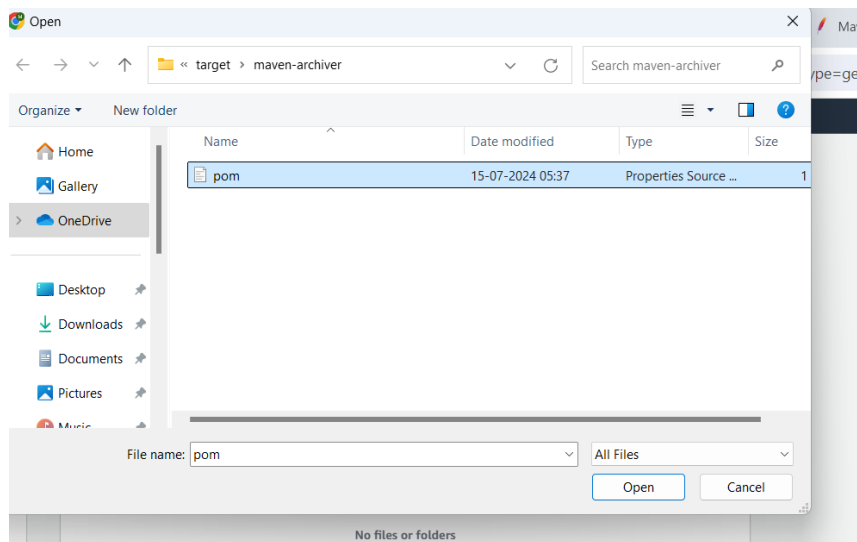
➔ Click on upload again



## ➔ Click on add file



## ➔ Select the file you want to add in bucket and click on “Open” and upload



As a result file is uploaded in bucket

Services

Search

[Alt+S]

Mumbai

Anil Kumar

Upload succeeded  
View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://anil-aws-sa-bucket

Succeeded

1 file, 82.0 B (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 82.0 B)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
<a href="#">pom.properties</a>	-	-	82.0 B	Succeeded	-

Services

Search

[Alt+S]

Mumbai

Anil

Amazon S3 > Buckets > anil-aws-sa-bucket

anil-aws-sa-bucket

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (2)

Info

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

Show versions

< 1 >

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">maven-archiver/</a>	Folder	-	-	-
<input type="checkbox"/>	<a href="#">pom.properties</a>	properties	July 19, 2024, 17:25:39 (UTC+05:30)	82.0 B	Standard