LAB2
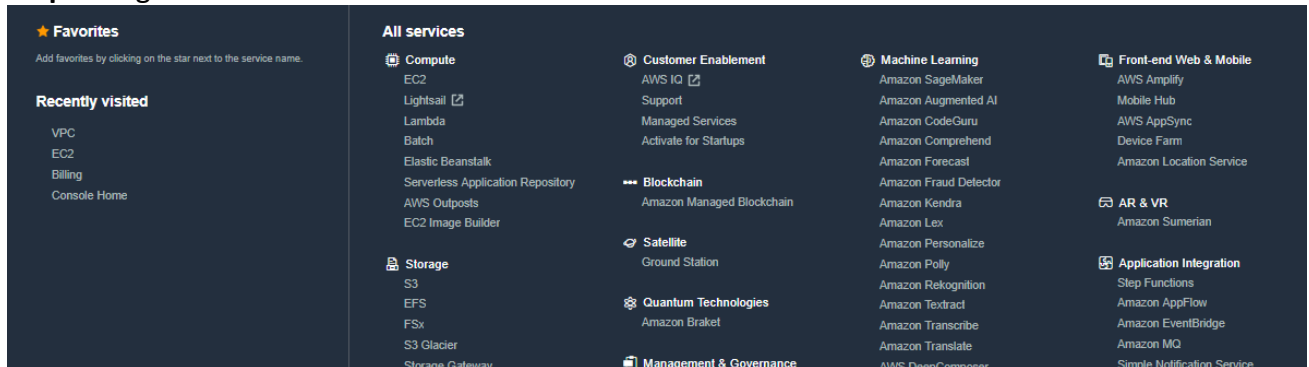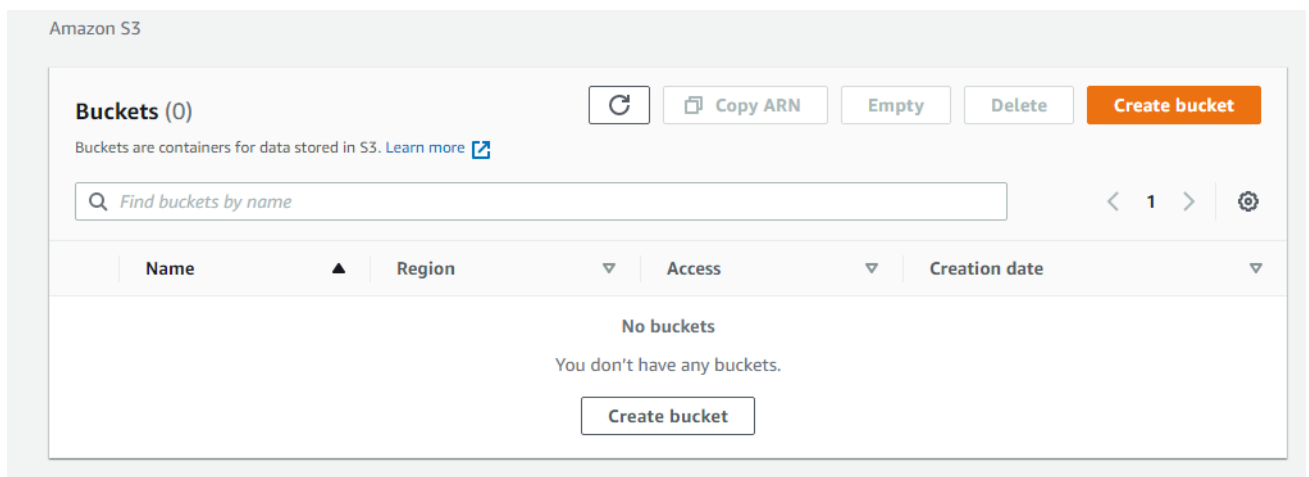## Create Storage space using S3 Services in cloud.

Step 1: Log in to AWS Console and then search for S3 bucket

Step 2: Start the Creation of new bucket by clicking Create Bucket Button.

Step 3: Enter the Bucket name.Select the Region.

Create bucket

Buckets are containers for data stored in S3. Learn more ⤴

General configuration

Bucket name

www.Lab2.com

Bucket name must be unique and must not contain spaces or uppercase letters. **See rules for bucket naming** ⤴

Region

Asia Pacific (Mumbai) ap-south-1 ▼

Copy settings from existing bucket - *optional*
Only the bucket settings in the following configuration are copied.

Choose bucket

Step 4 : Uncheck Block all public access to Make Every resources public.

☐ **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.

⚠ **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.

☑ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Step 5: Then click the Create Button.

No tags associated with this bucket.

Add tag

Default encryption
Automatically encrypt new objects stored in this bucket. **Learn more**

Server-side encryption
⦿ Disable
◯ Enable

▸ **Advanced settings**

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

Cancel   **Create bucket**

Step 6: Once the bucket is created successfully a prompt will pop up with Successfully Created bucket "Bucketname" .

Amazon S3   ⊘ **Successfully created bucket "www.lab2.com"**   View details   ✕
                                                To upload files and folders, or to configure additional bucket settings choose **View details**.

Buckets
Access points   Amazon S3
Batch Operations
Access analyzer for S3   **Buckets** (1)   ⟳   ⧉ Copy ARN   Empty   Delete   **Create bucket**
                                            Buckets are containers for data stored in S3. Learn more
Account settings for Block
Public Access   🔍 Find buckets by name   ‹ 1 ›   ⚙

▼ Storage Lens   Name   ▲   Region   ▽   Access   ▽   Creation date   ▽
Dashboards
AWS Organizations settings   ◯   www.lab2.com   Asia Pacific (Mumbai) ap-south-1   Objects can be public   January 2, 2021, 19:56:44 (UTC+05:30)

Step 7: Select the created Bucket. Goto properties and Select Static website hosting Edit option.

Static website hosting   Edit
Use this bucket to host a website or redirect requests. **Learn more**

Static website hosting
Disabled

Step 8: In edit enable the static website hosting option.Add Landing page and Error Page.And save the changes

Static website hosting

Use this bucket to host a website or redirect requests. **Learn more** ⎋

Static website hosting
- ○ Disable
- ● Enable

Hosting type
- ● Host a static website
  Use the bucket endpoint as the web address. Learn more ⎋
- ○ Redirect requests for an object
  Redirect requests to another bucket or domain. Learn more ⎋

> ⓘ For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see Using Amazon S3 Block Public Access ⎋

Index document
Specify the home or default page of the website.

```
index.html
```

Error document
This is returned when an error occurs.

```
error.html
```

Redirection rules – *optional*
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. **Learn more** ⎋

Step 9: Goto created bucket and in Objects Click Upload option.

Amazon S3 > www.lab2.com

www.lab2.com

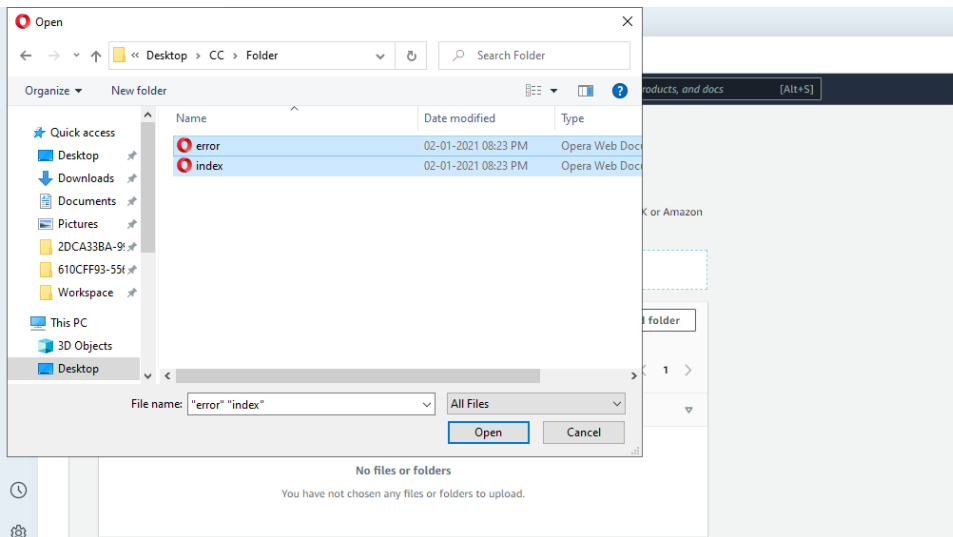| Objects	Properties	Permissions	Metrics	Management	Access points

Objects (0)

Objects are the fundamental entities stored in Amazon S3. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ⎋
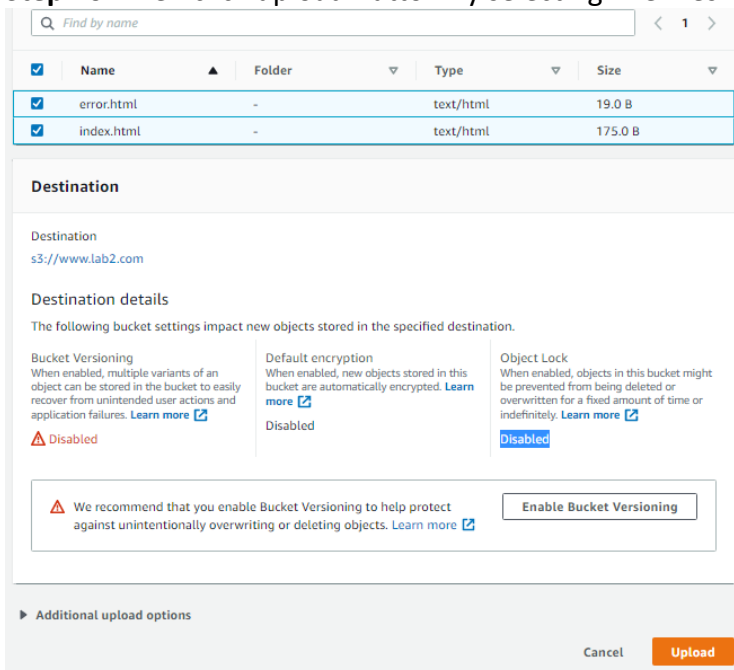
| ↻ | Delete | Actions ▼ | Create folder | **Upload** |

🔍 Find objects by prefix   < 1 >   ⚙

☐	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽

No objects

You don't have any objects in this bucket.
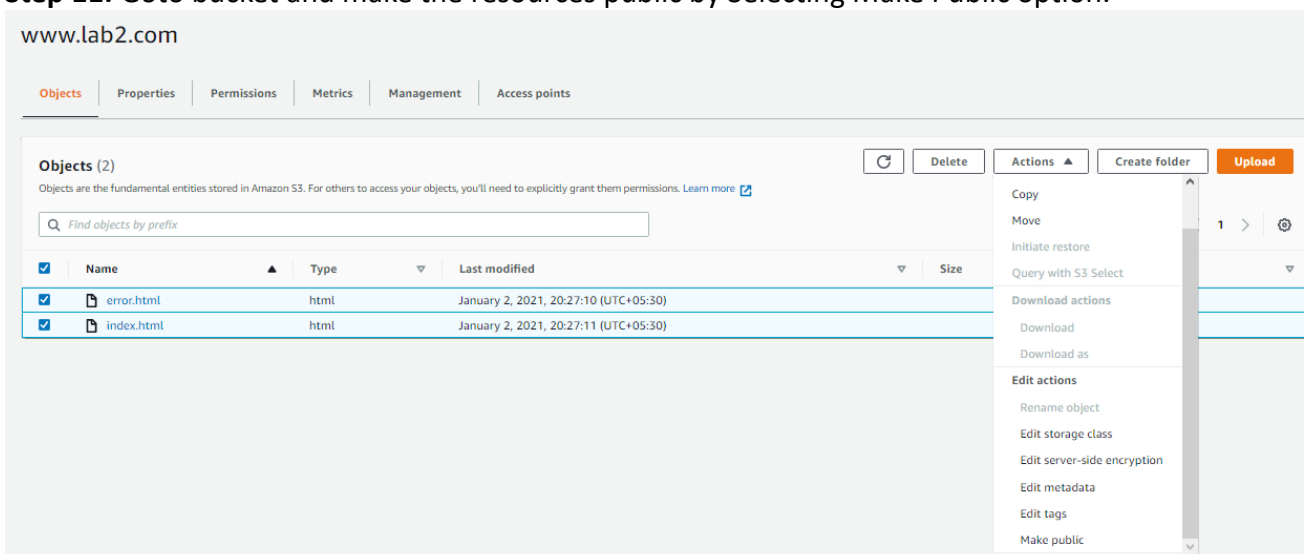
Upload

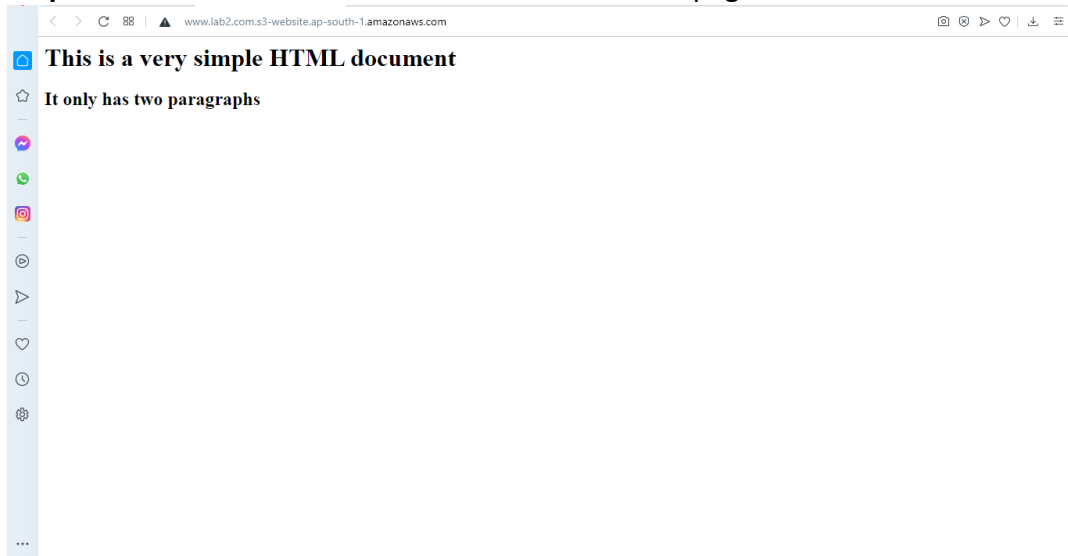**Step 10:** In upload option click on add files and select the files to be added.

Step 10: Then click upload Button By selecting The files.

Step 11: Goto bucket and make the resources public by Selecting Make Public option.

Step 12: Then Goto Source and it will show the Html page.

This is a very simple HTML document

It only has two paragraphs

Step 13 : If we try to any other Pages it will show the Error Page

Error 404