**Aim:** Website hosting using S3
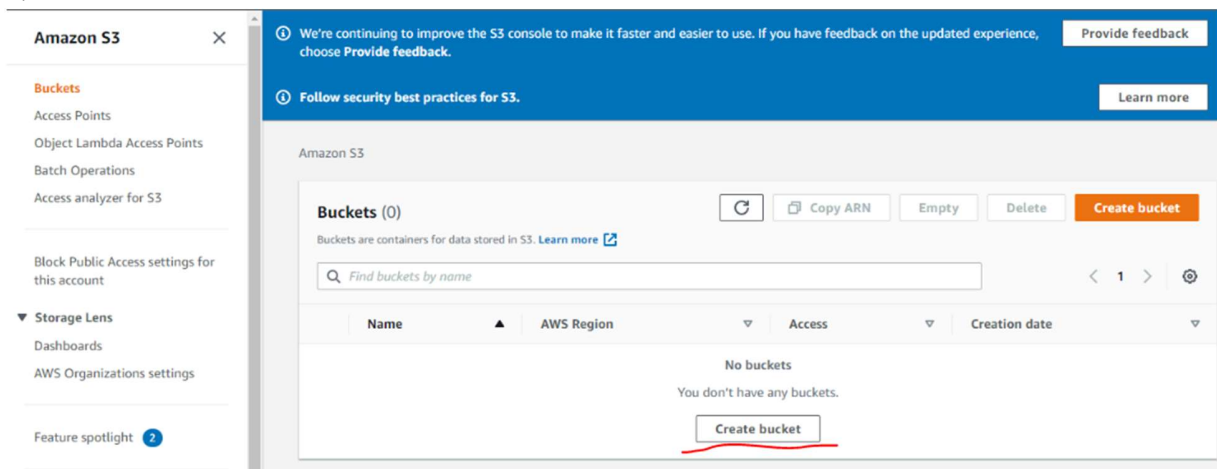
**Roll No. and Program**: 1911071, COMP
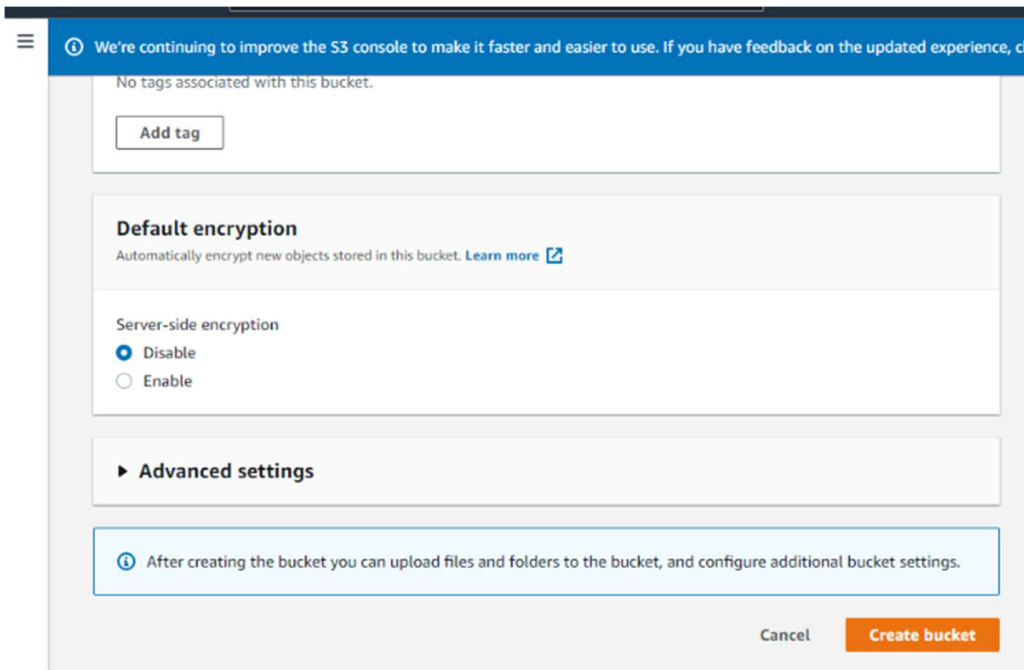
**Name**: Ansh Dagha

**Outcomes:** Deploying a website application using AWS services
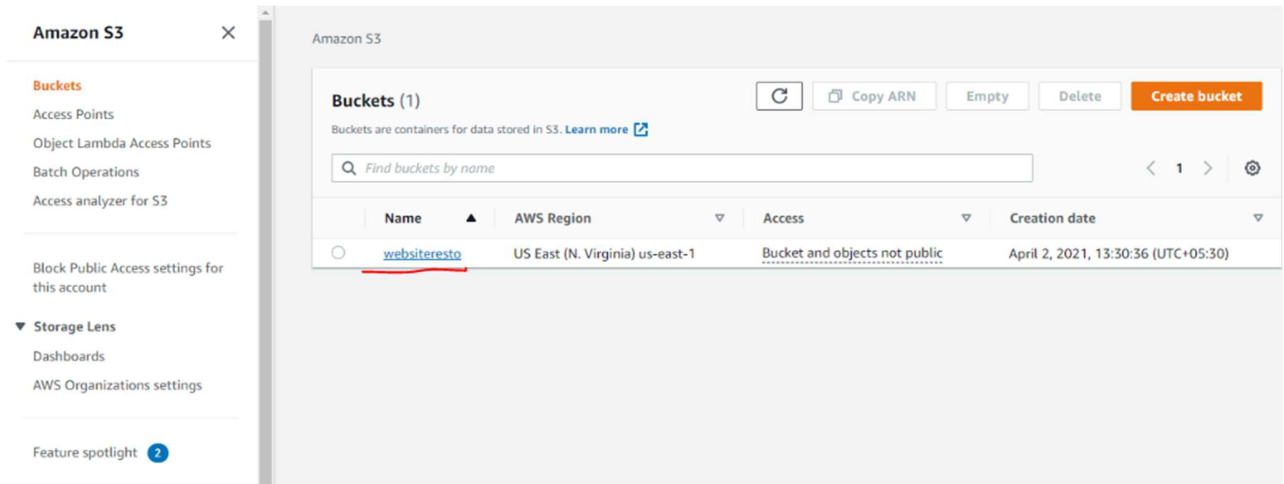
**Procedure with Screenshots:**

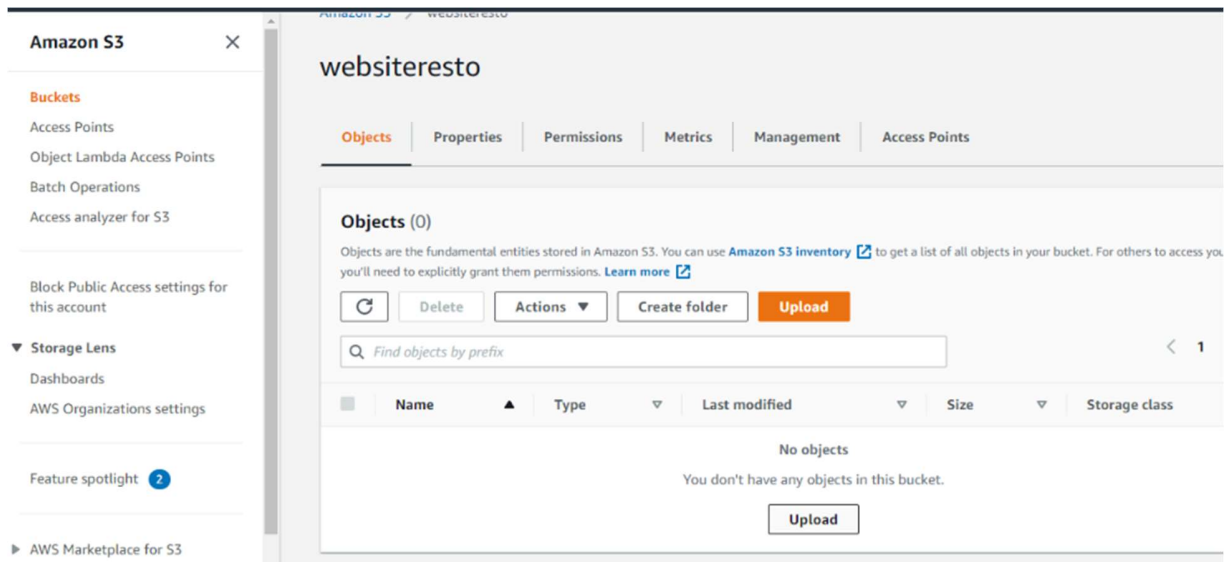1). Go to S3 services → Buckets . Click on create bucket .


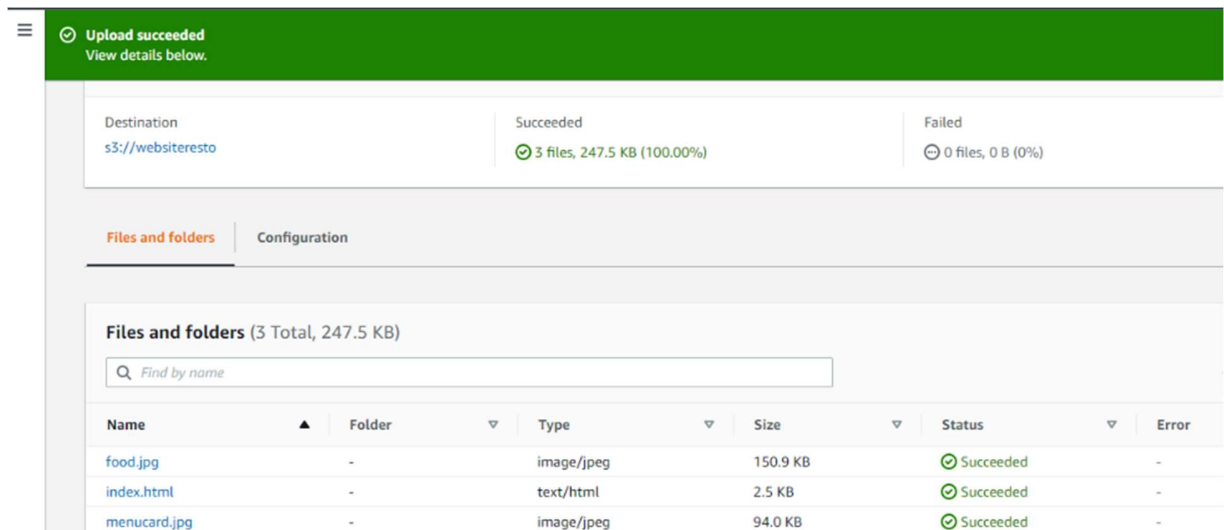
2). Give a name to your bucket and click on create bucket.

3). After creating a bucket,it will be visible in the list.

| Name | AWS Region | Access | Creation date |
|---|---|---|---|
| websiteresto | US East (N. Virginia) us-east-1 | Bucket and objects not public | April 2, 2021, 13:30:36 (UTC+05:30) |

**Amazon S3**

Buckets
Access Points
Object Lambda Access Points
Batch Operations
Access analyzer for S3

Block Public Access settings for this account

▼ Storage Lens
Dashboards
AWS Organizations settings

Feature spotlight 2

Amazon S3

**Buckets** (1)

Buckets are containers for data stored in S3. Learn more
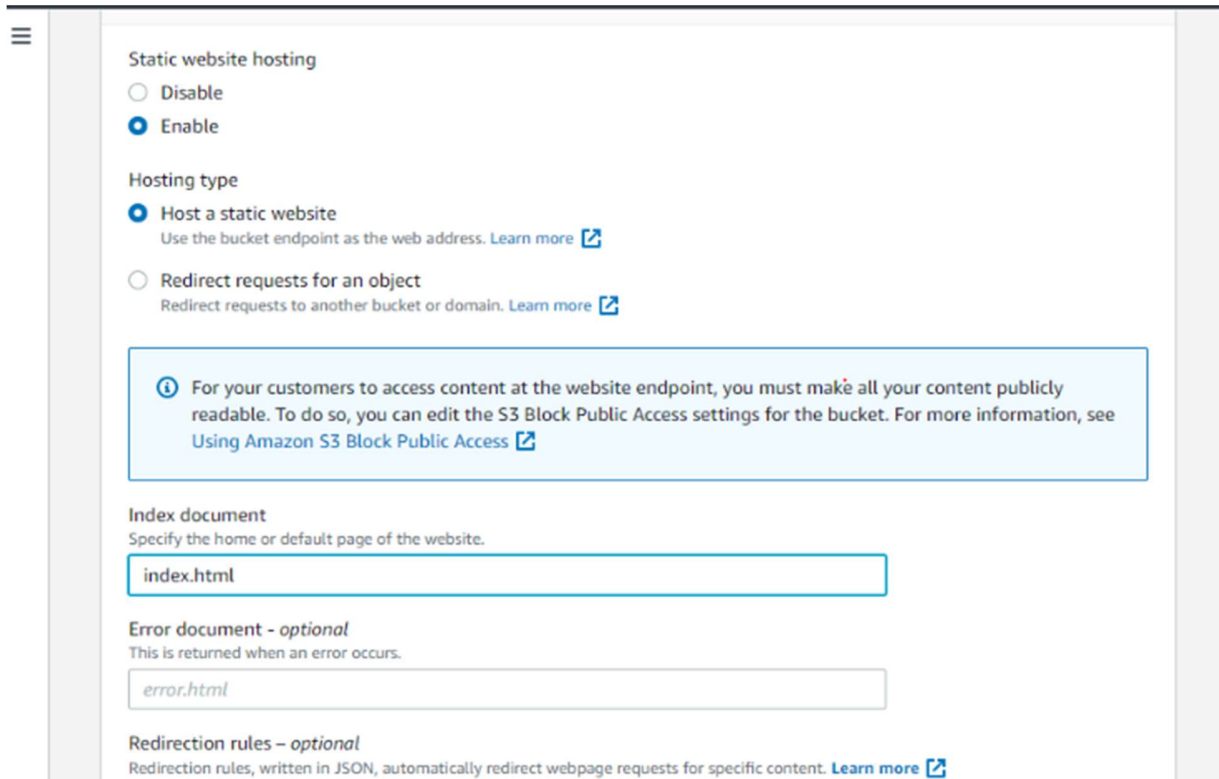
Copy ARN   Empty   Delete   Create bucket

4). Click on the bucket name and following screen appears, click on upload to upload all the files or folders related to your website creation.



5). Drag and drop files and the files will be uploaded.

6). In the properties tab, scroll to the bottom , edit the static website hosting option.In that, choose enable,and in the index document , type the name of your file containing home page.

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 ☑

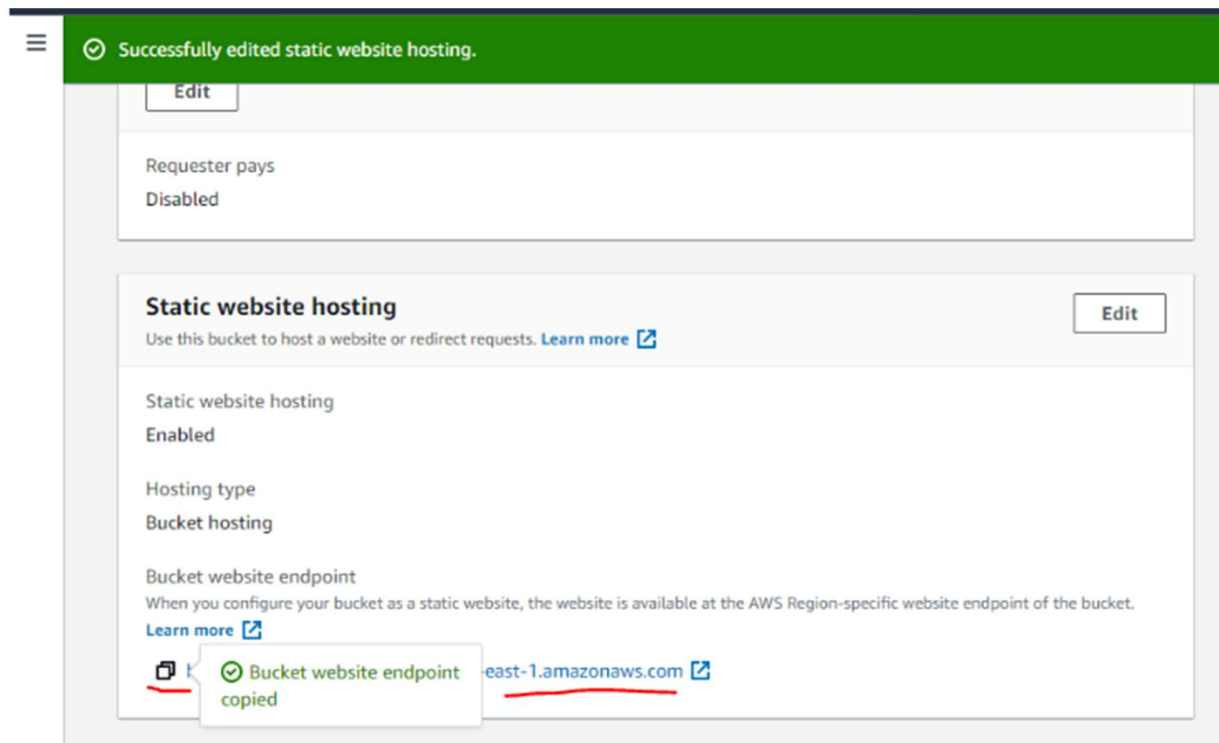Index document
Specify the home or default page of the website.

index.html

Error document - *optional*
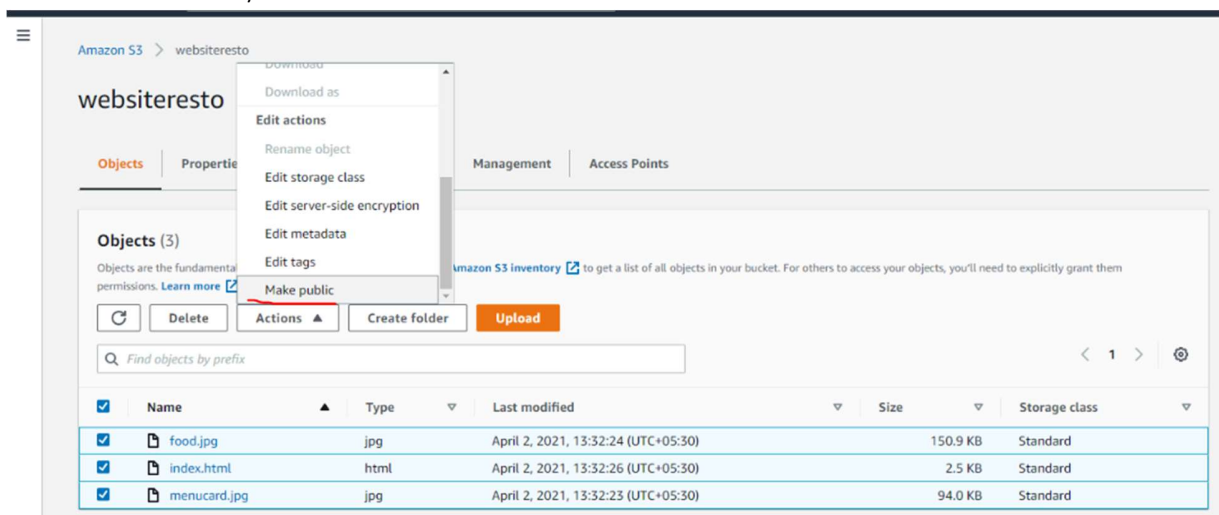This is returned when an error occurs.

error.html

Redirection rules – *optional*
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. Learn more ☑
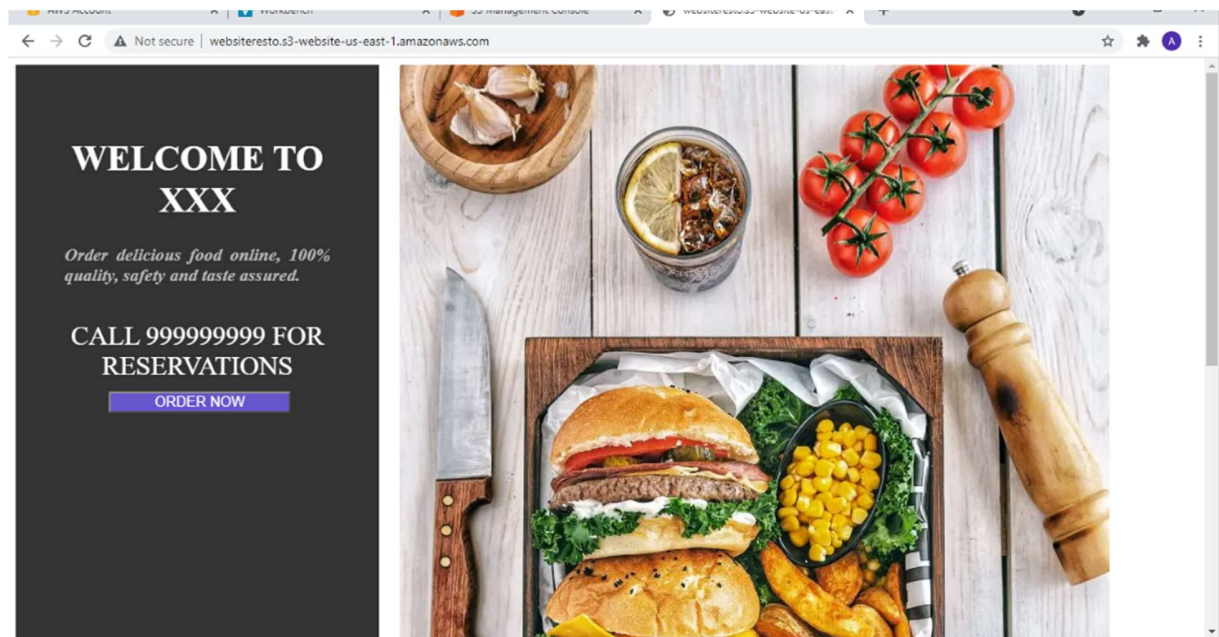
7). The link of the homepage of your website will be available. Copy that for future purposes.



8). Now in the objects tab, select all your files and in the actions bar, select make public. Now the website is ready to be hosted.

9). Paste the previously copied link in your browser and the website is ready to use.



### Conclusion:

Thus, using S3 storage, a website is hosted successfully.