ASSIGNMENT-3

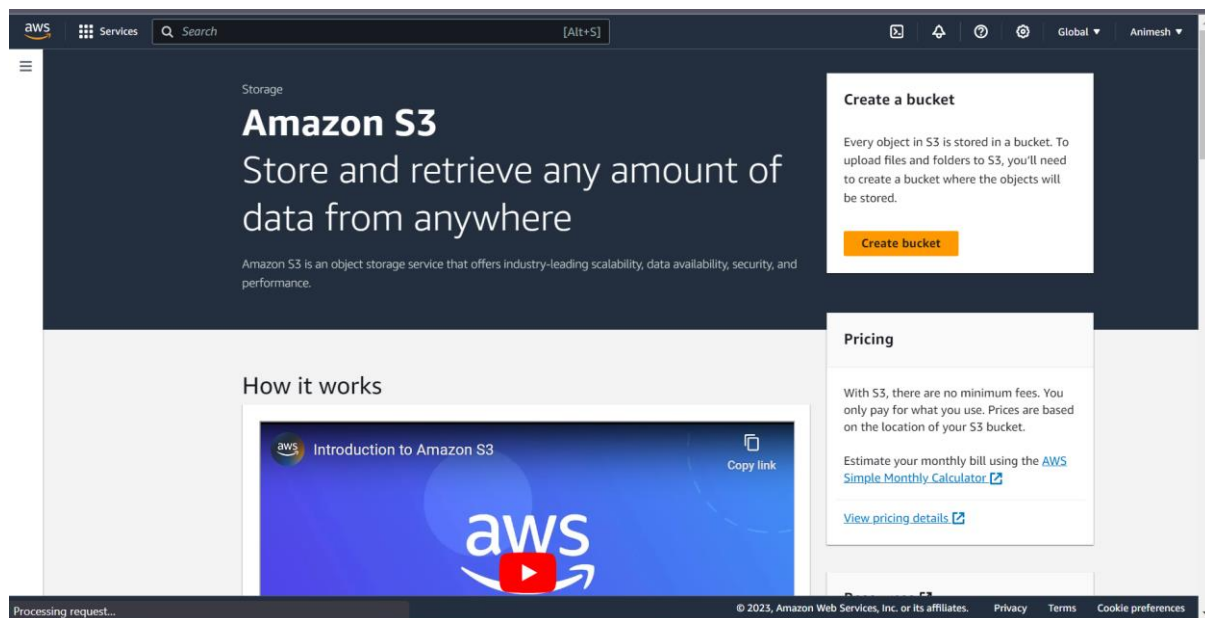**AIM-** To study AWS S3 service and create a bucket for hosing static web application.

THEORY-
AWS Simple Storage Service (S3) from the aforementioned list, S3, is the object storage service provided by AWS. It is probably the most commonly used, go-to storage service for AWS users given the features like extremely high availability, security, and simple connection to other AWS Services.
An Amazon S3 bucket can be set up to operate similarly to a website. This section illustrates how to host a website using Amazon S3. There are mainly 7 steps to hosting a static website using Amazon Web Service(AWS) S3.

STEPS:
Step 1: Creating a Bucket
1. First, we have to launch our S3 instance. Follow these steps for creating a Bucket

2. Open the Amazon S3 console by logging into the AWS Management Console at

Step 2: Block Public Access settings for the bucket

1. Uncheck (Block all public access) for the public, otherwise set default. If you uncheck (Block all public keys).

4. Choose Bucket Name – Bucket Name Should be Unique

5. Object Ownership – Enable for making Public, Otherwise disable

Step 2: Block Public Access settings for the bucket

1. Uncheck (Block all public access) for the public, otherwise set default. If you uncheck (Block all public keys).

2. Now click on create bucket
Select Bucket and Click your Bucket Name.
3. Bucket is created
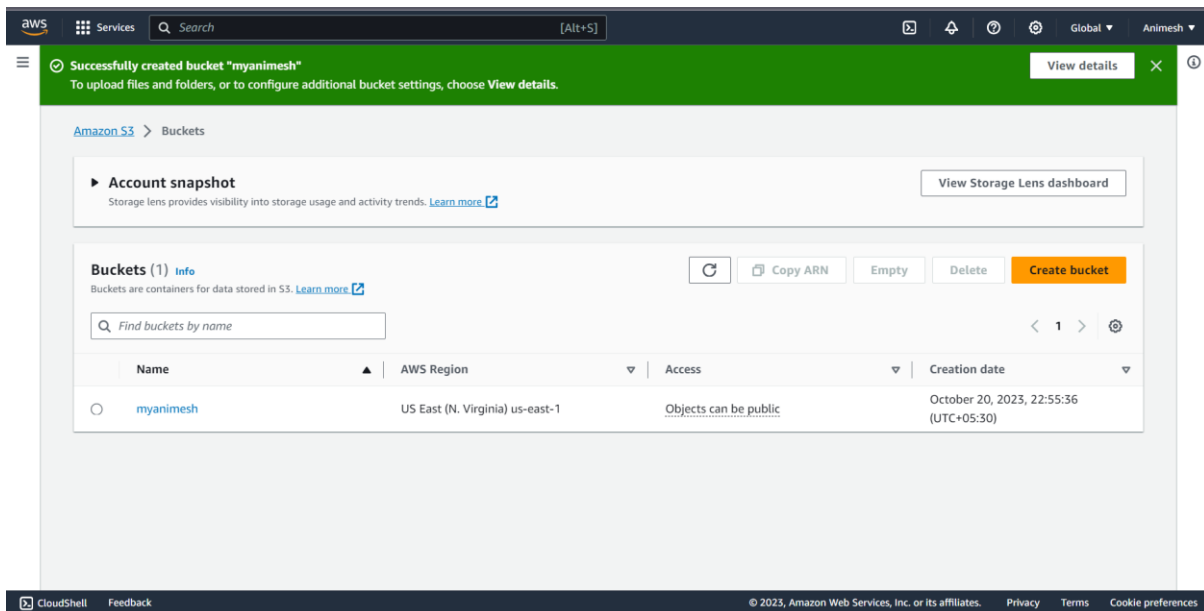
Step 3: Now upload code files
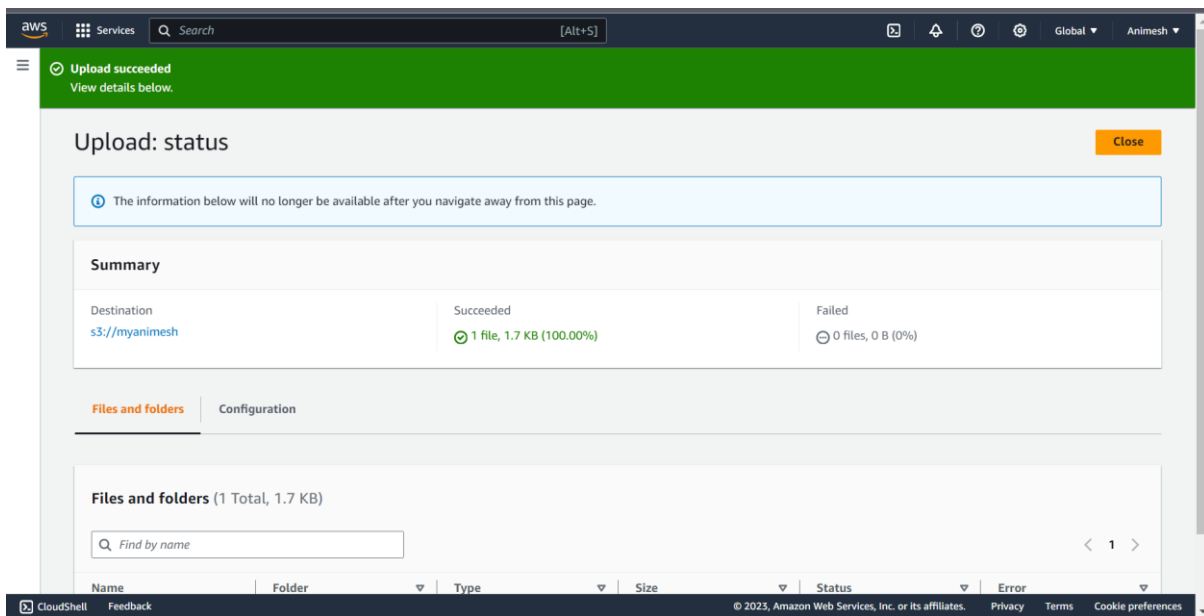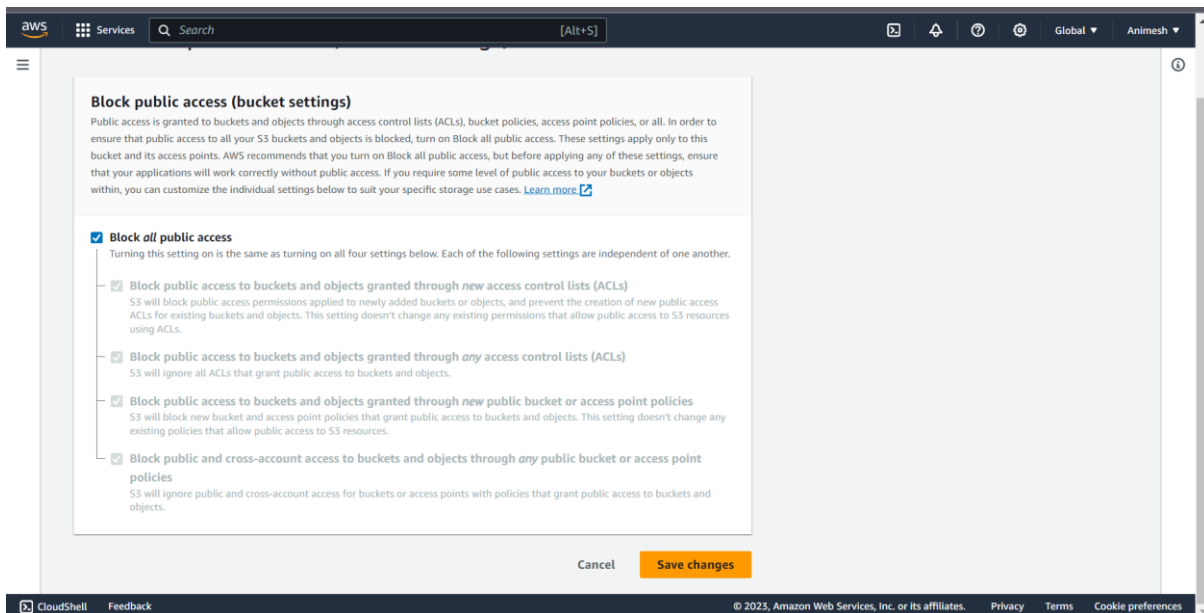
Select Bucket and Click your Bucket Name.

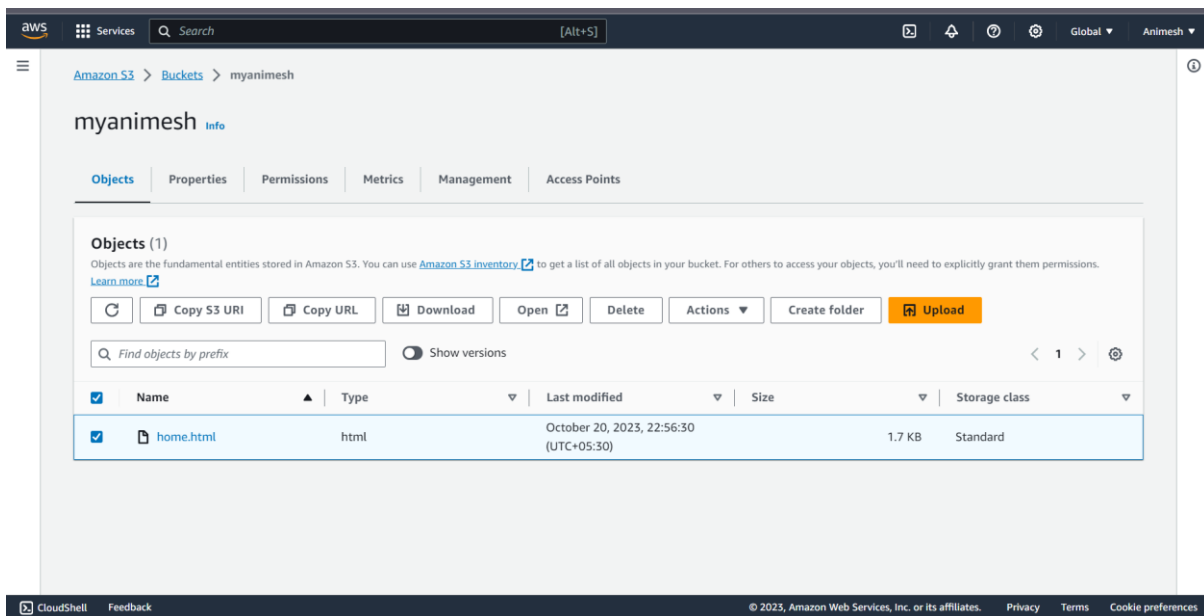Now, click on upload (then click add File/folder) and select your HTML code file from your PC/Laptop.

Step 4: Once the Files are uploaded successfully, click on Permissions and now follow this Process –

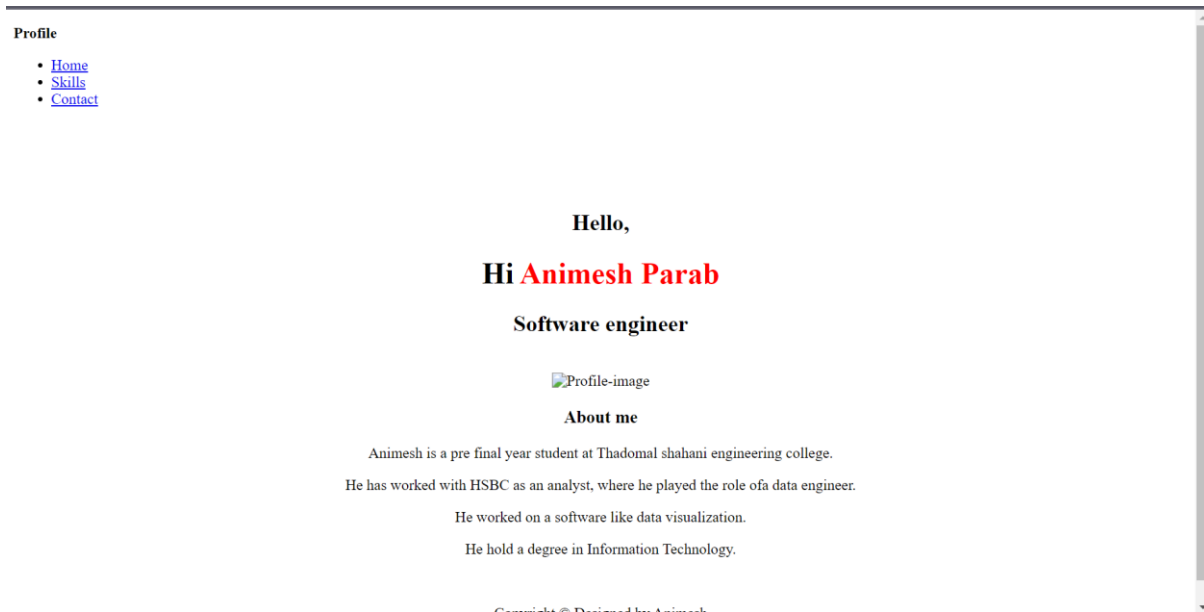- Block public access
- Object Ownership
- Make public Object

Step 5: Copy your Object URL
Now, click on your HTML File Object Name.
Copy the Object URL.
Step 6
Check out your Website!

CONCLUSION This experiment demonstrated how to
utilize AWS S3, a powerful andcloud storage solution, to host a static web application.
S3's ability to serve Directly Paste this URL into the Other Tab or your other System.
static content with low latency and high reliability makes it a suitable choice for hosting
static websites. By completing this experiment, we gained practical insights into
leveraging cloud services for web hosting, which is vital for modern web development
and deployment. AWS S3 offers a costeffective and efficient solution for hosting various
types of web applications, contributing to the agility and scalability of web development
projects.