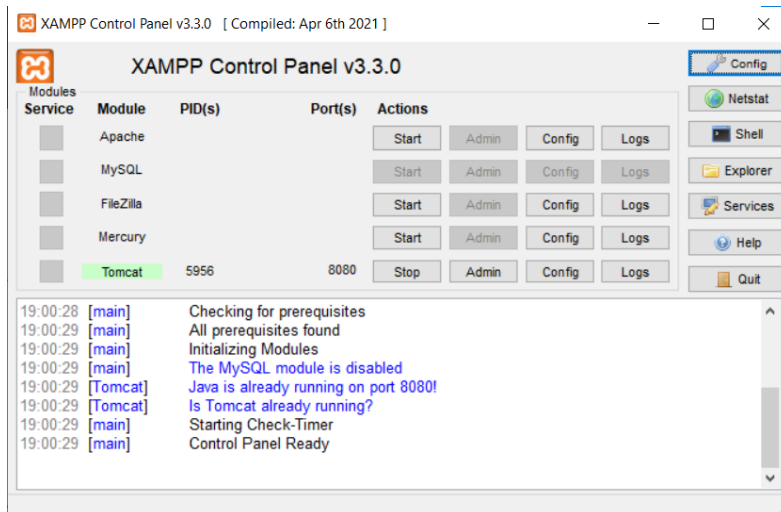


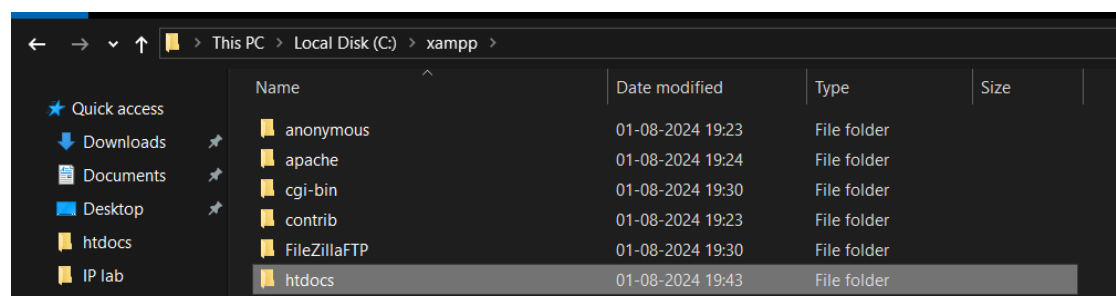
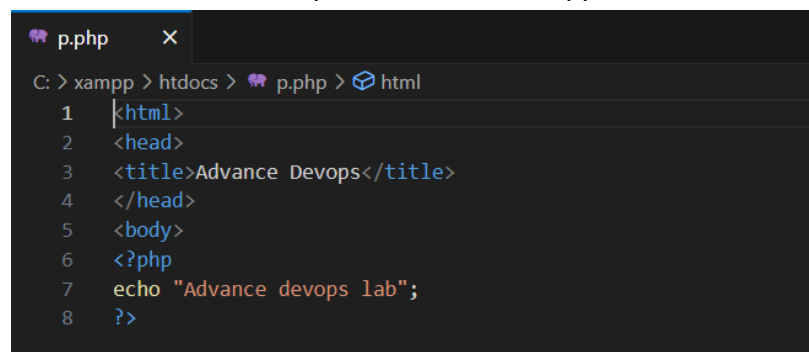
**Part 1: To develop a website and host it on Xampp:**

Step 1: Go to the official website of Xampp. <https://www.apachefriends.org/download.html>.  
Select the suitable version and complete the installation.

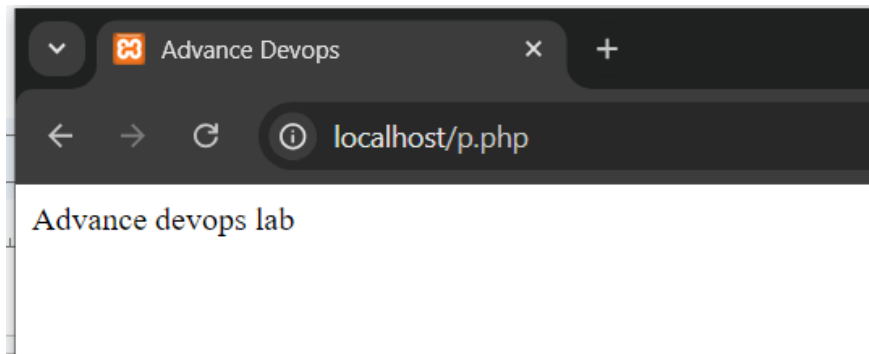
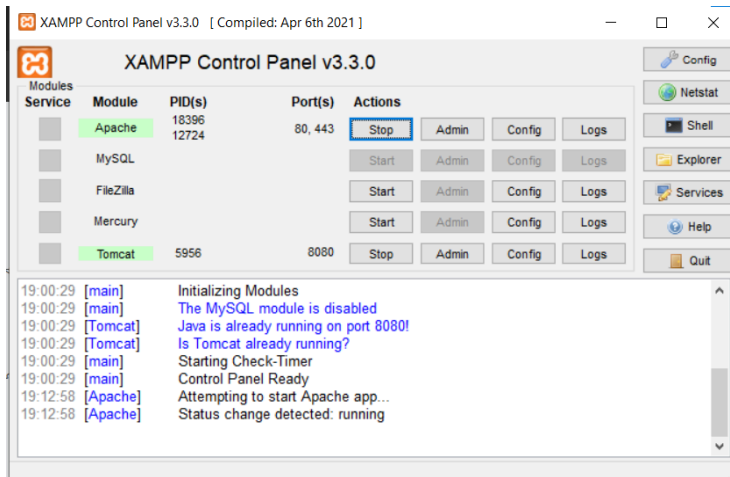
Step 2: After installation open the Xampp control panel, we need to start the Apache server to host the website.



Step 3: Setup a php project, create a php project and save it as .php file. The file should be saved in 'htdocs' folder present in the 'Xampp' folder created after installation.



Step 4: Start the Xampp server and go to localhost in browser. Edit the URL such that it is localhost/filename.php or localhost/folder\_name .



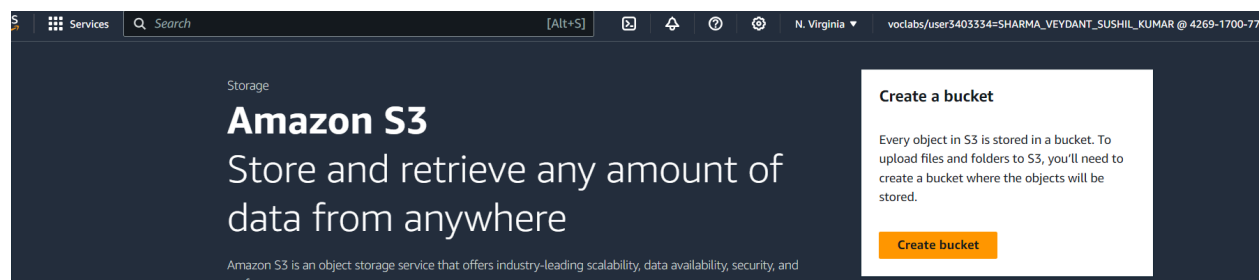
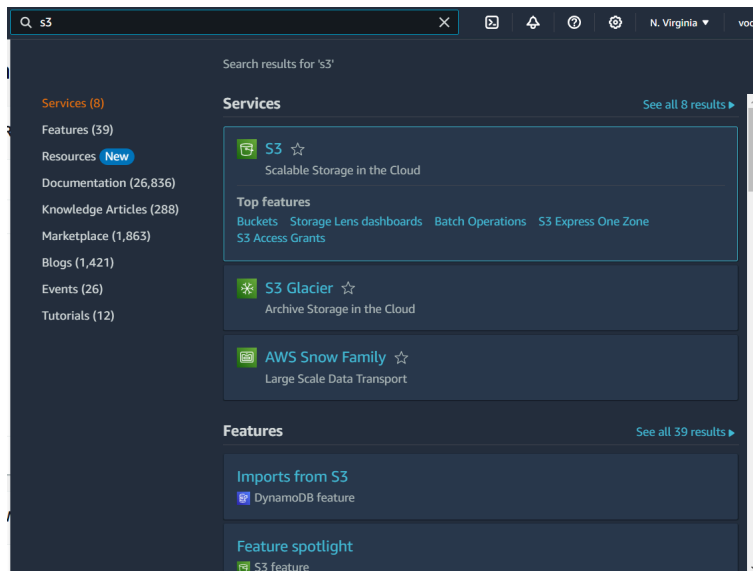
Our website has now been hosted using xampp

Name: Veydant Sharma Class: D15C Roll no.: 50

## Part 2: Hosting a static website on AWS S3.

Step1: Login to AWS Academy and launch learner's lab.

Step 2: Search for the S3 service and Create a bucket.



Step 3: Fill in the details and name your bucket. Use default settings. Uncheck the “Block all public access” box to prevent error.

### General configuration

AWS Region  
US East (N. Virginia) us-east-1

Bucket type [Info](#)

☒ **General purpose**  
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory - New**  
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

veydant-bucket

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.


Choose bucket

Format: s3://bucket/prefix

**Class: D15C**

**Roll no.: 50**

### 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.

Once completed, Click 'Create Bucket'.

**Successfully created bucket "veydant-bucket"**  
 To upload files and folders, or to configure additional bucket settings, choose [View details](#).

View details

[Amazon S3](#) > Buckets

▶ **Account snapshot - updated every 24 hours**
All AWS Regions

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

View Storage Lens dashboard

General purpose buckets

Directory buckets

**General purpose buckets (1)**
Info
All AWS Regions

Buckets are containers for data stored in S3.

↻

Copy ARN

Empty

Delete

Create bucket

< 1 > ⓘ

Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/> <a href="#">veydant-bucket</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	August 8, 2024, 19:27:53 (UTC+05:30)

Step 4: Open the bucket and click on upload in the objects tab.

[Objects](#)
[Properties](#)
[Permissions](#)
[Metrics](#)
[Management](#)
[Access Points](#)

## Objects (0) [Info](#)

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](#)

↺

↻

⚙

■

Name

▲

Type

▼

Last modified

▼

Size

▼

Storage class

▼

No objects

You don't have any objects in this bucket.

Upload

Drag and drop files and folders you want to upload here, or choose **Add file** or **Add folder**.

**Files and folders** (2 Total, 244.0 B)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Q

Find by name

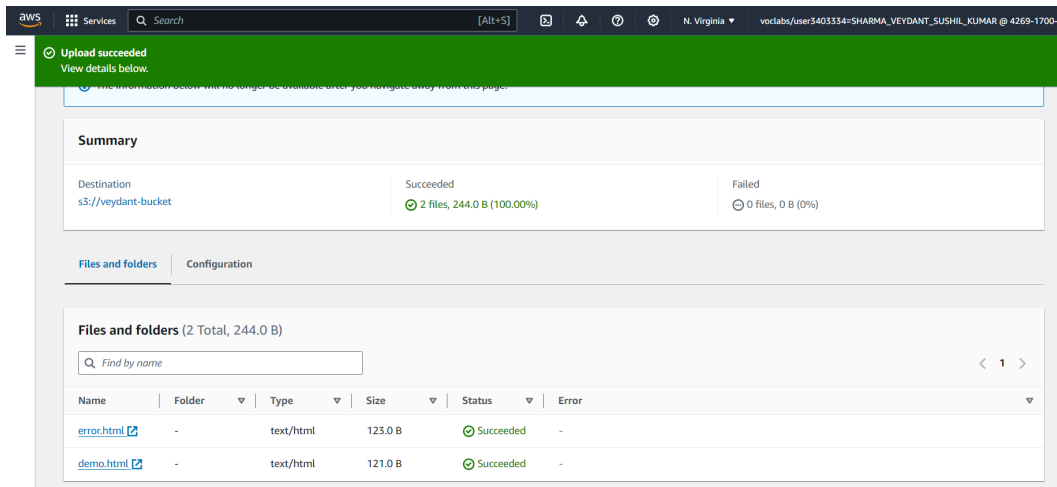
< 1 >

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	error.html	-	text/html
<input type="checkbox"/>	demo.html	-	text/html

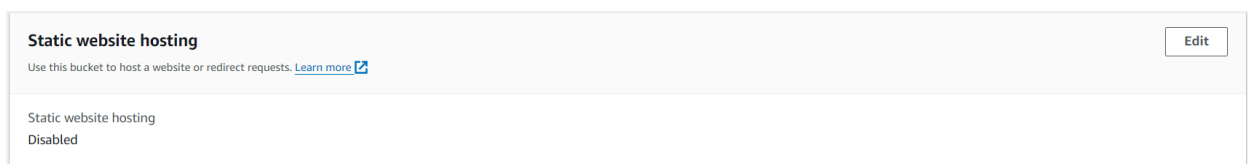
Name: Veydant Sharma Class: D15C

Roll no.: 50

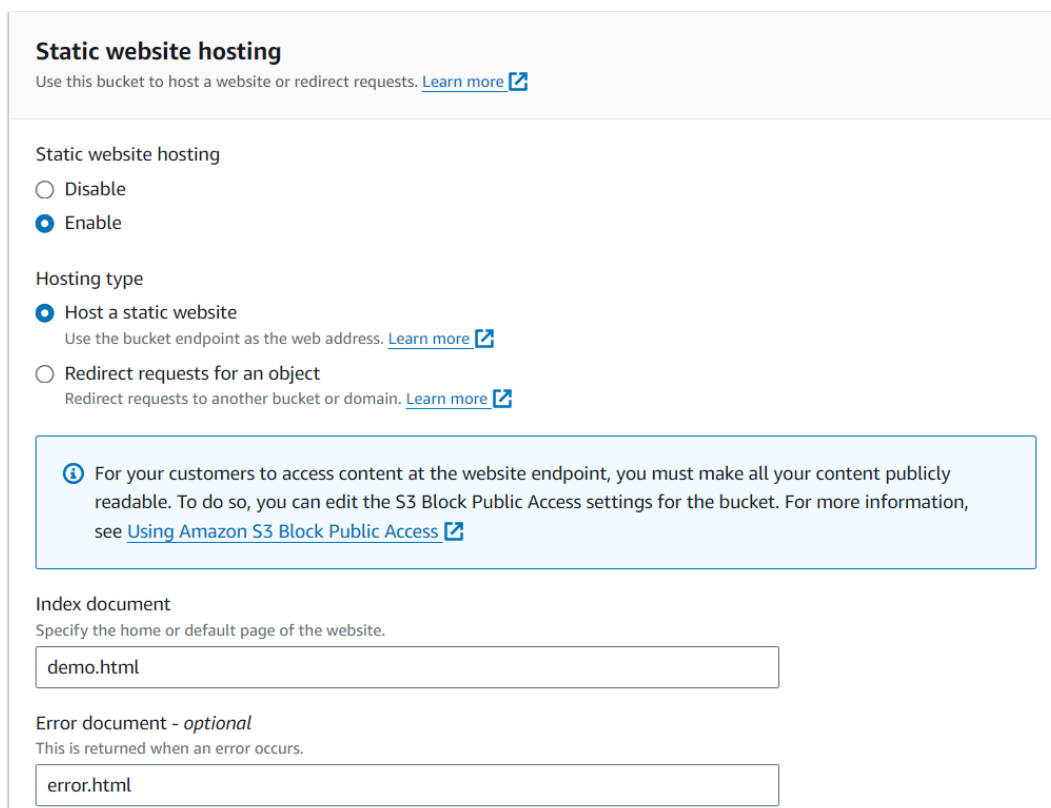
After adding the files click on upload files.



Step 5: Go to the properties tab and navigate to the “Static website hosting” section and click on edit , then click on enable.



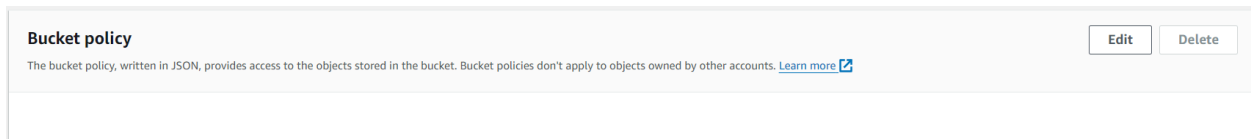
Specify the document/filenames and click on save changes.



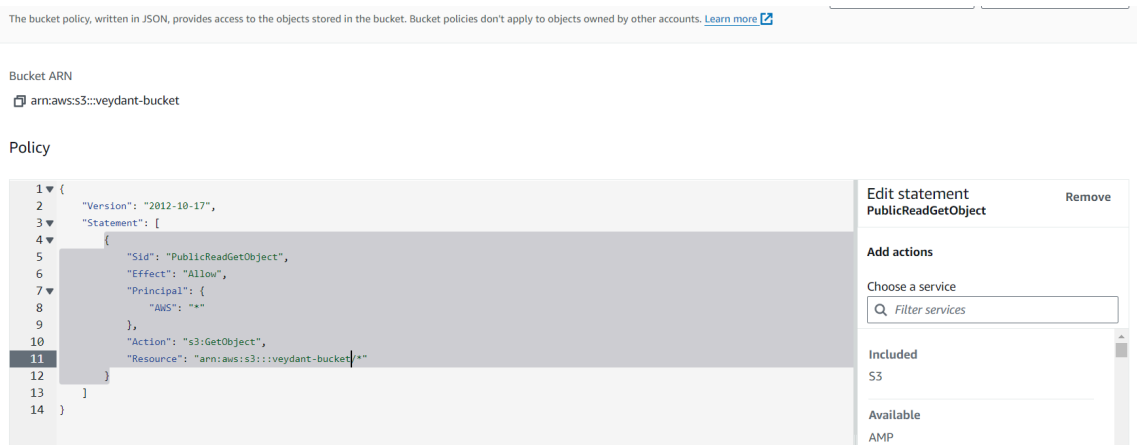
**Name: Veydant Sharma    Class: D15C**

**Roll no.: 50**

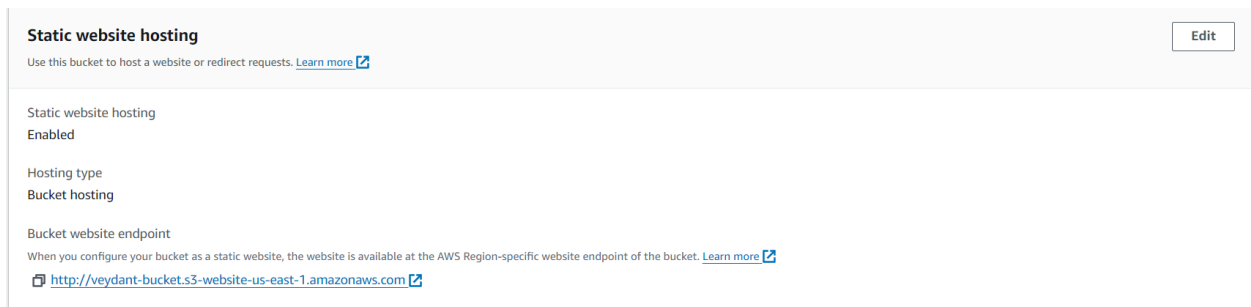
Step 6: Head to the Permissions tab and navigate to the “Bucket Policy” section and click on edit.



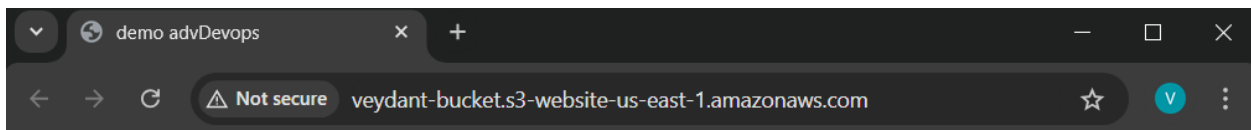
Add the bucket policy , save changes and exit.



Step 7: Once the Bucket policy has been updated , navigate back to “Static website hosting”, a link will be available, click on the link to view the hosted/deployed website.



**Output:**



this is advance devops