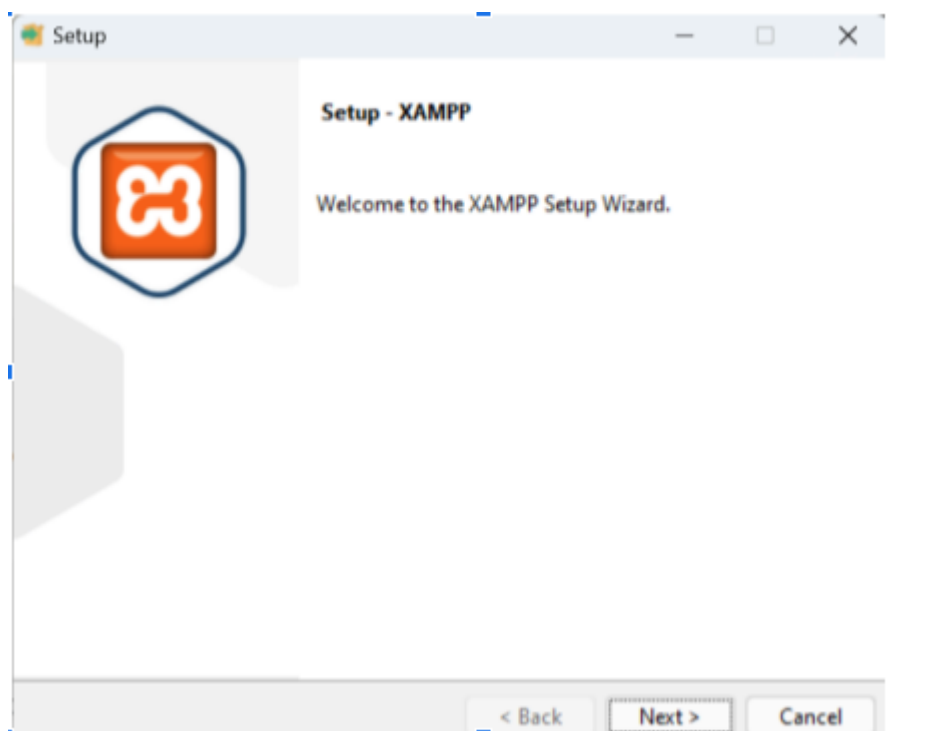
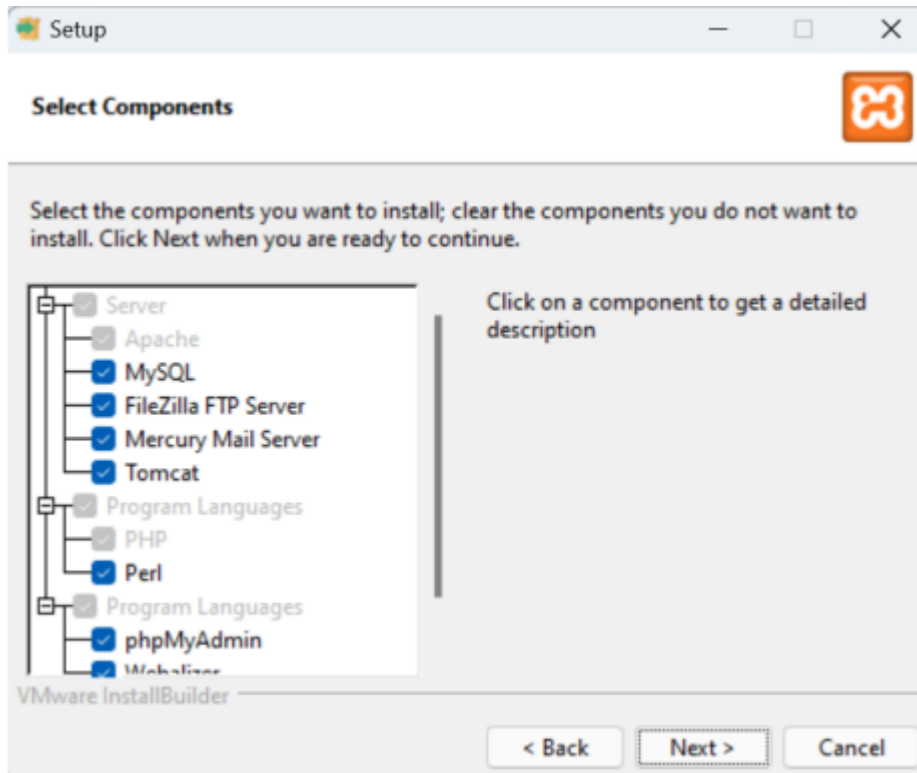


EXPERIMENT 1(a):To develop a website and host it on your local machine on a VM

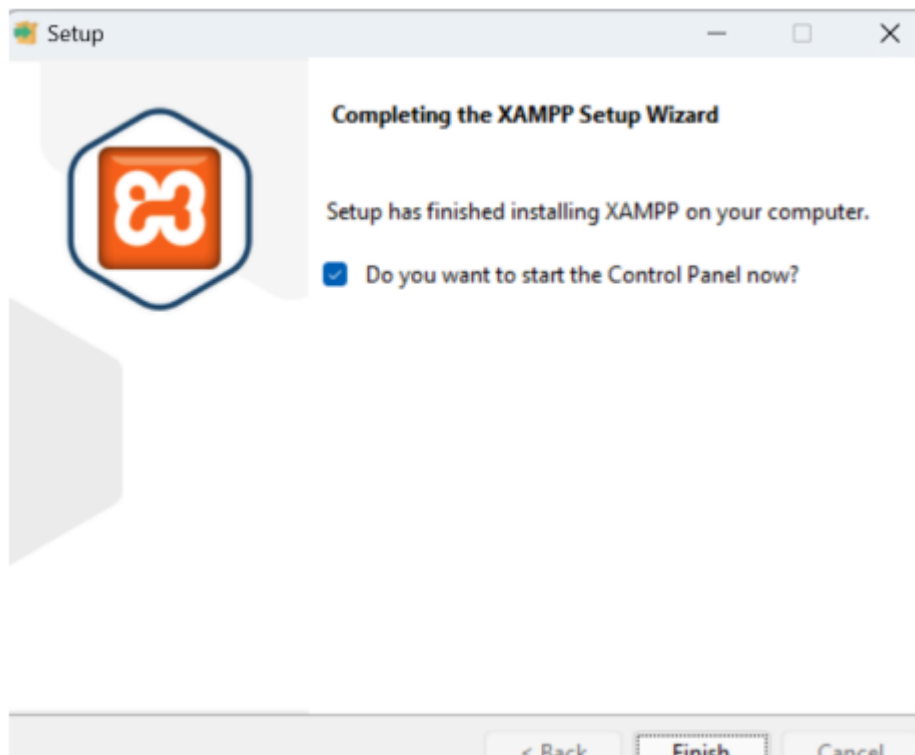
STEP 1:Installing Xampp on your local machine by going on google website and downloading it.



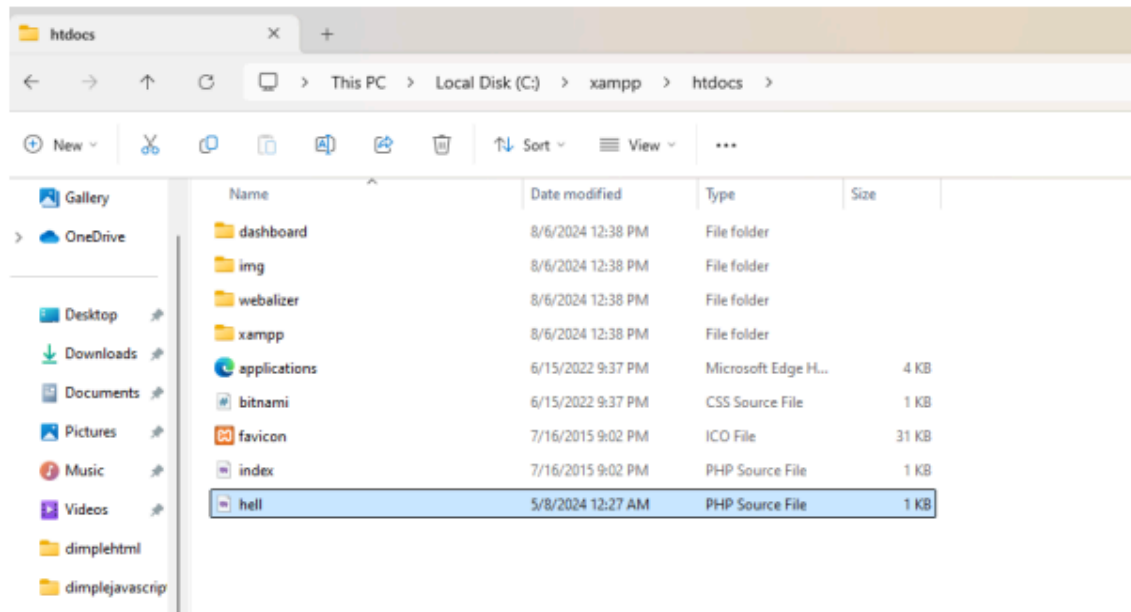
STEP 2: Setting the environment by selecting components and clicking next button.



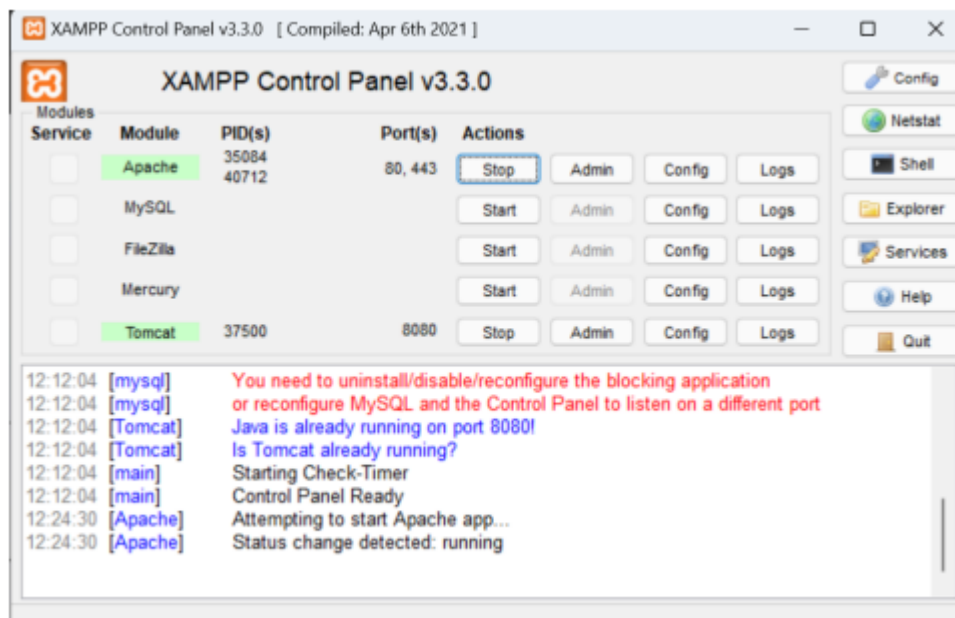
STEP 3: Completing the steps for setting environment for xampp by clicking on finish button.



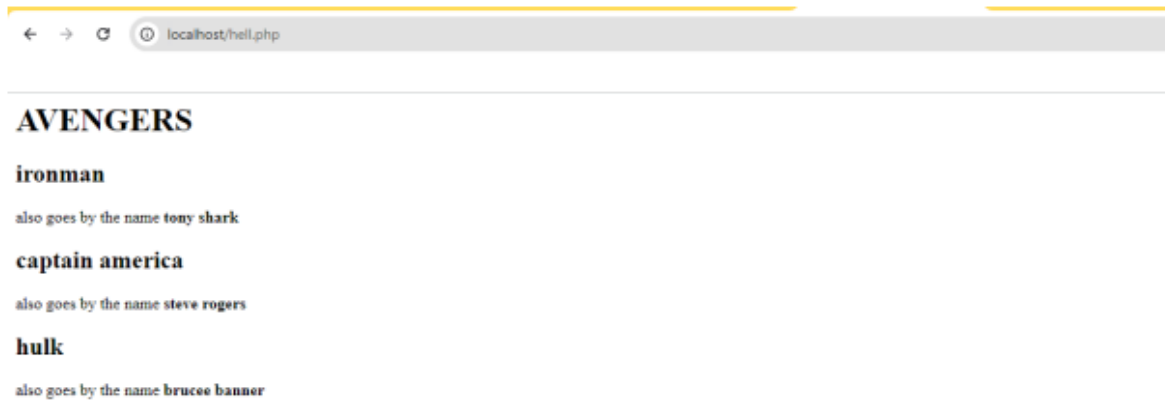
STEP 4: Making a php file by the name hell and copying the file from the desktop and pasting it inside the folder where xampp is downloaded.



STEP 5: Starting the Apache module and Tomcat module from the Xampp control panel.

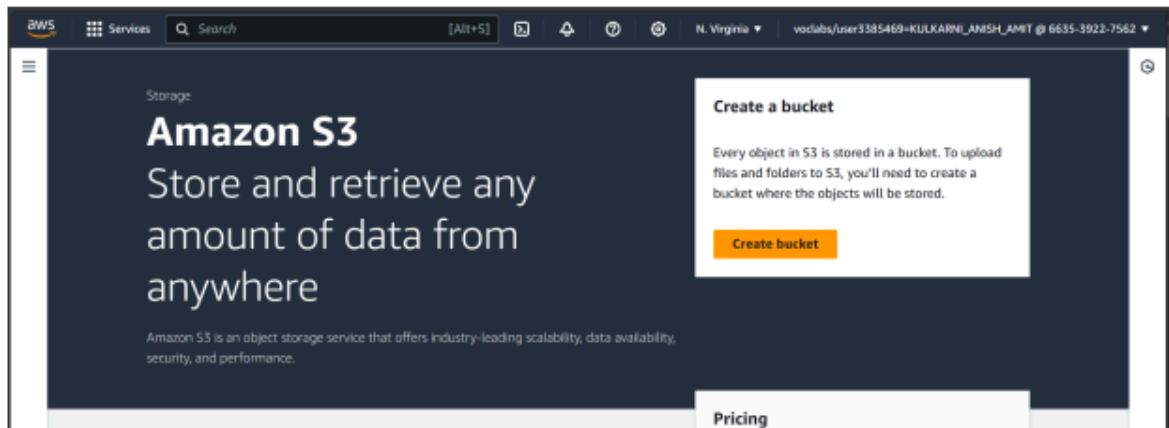


STEP 6: Hosting the website on Xampp.



## Hosting a static website on Amazon S3

STEP 1: Creating a bucket by searching S3 on the AWS account and clicking on create a bucket button.



STEP 2: For creating the bucket click on general purpose and enter bucket name.

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](#)

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

STEP 3: Enable the static website hosting and selecting hosting type as host a static website. bucket button.

### 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](#)

**i** 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](#)

STEP 4 : Reviewing the creation of bucket

### Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting


Enabled

Hosting type

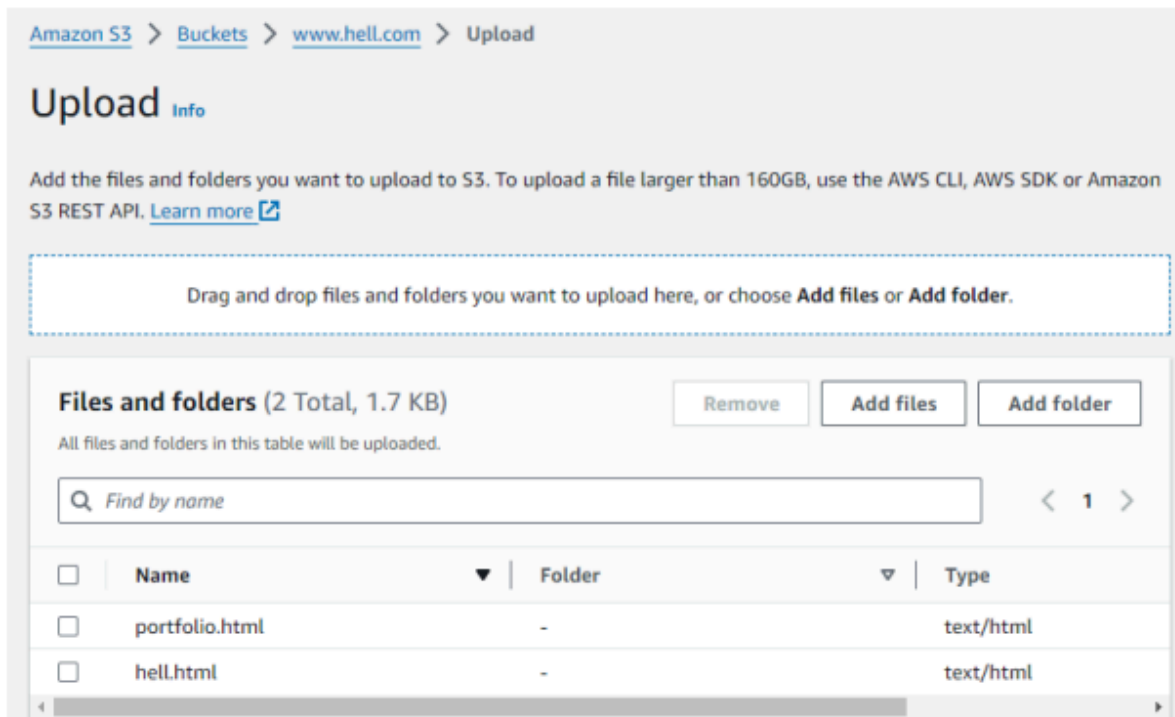
Bucket hosting

Bucket website endpoint

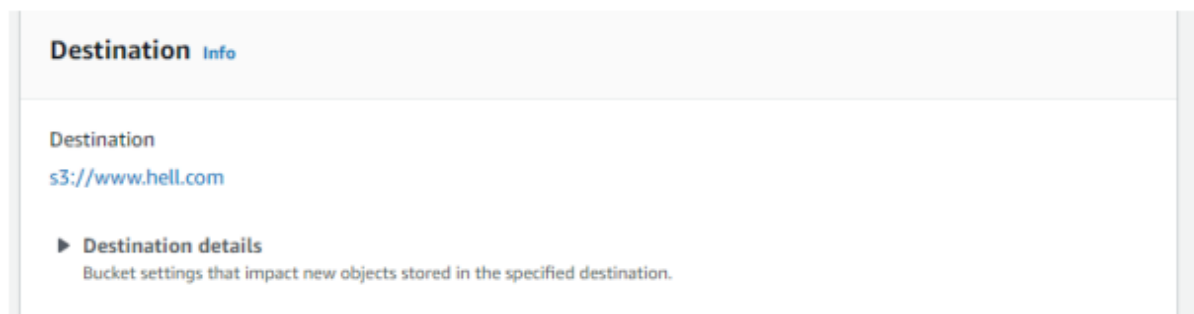
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

 <http://www.lab1a.com.s3-website-us-east-1.amazonaws.com>

STEP 5: Clicking on upload button and adding the files from the desktop.



STEP 6: Clicking on destination and checking the destination details.



STEP 7: If the network is unstable then there will be error while uploading the file.

**Upload completed with 1 errors**  
View details below.

Destination: s3://www.hell.com

Succeeded: 1 file, 799.0 B (45.81%)  
Failed: 1 file, 945.0 B (54.19%)

**Files and folders (2 Total, 1.7 KB)**

Find by name

Name	Folder	Type	Size	Status	Error
portfolio.html	-	text/html	945.0 B	Failed	Network Error
hell.html	-	text/html	799.0 B	Succeeded	-

STEP 8: Successfully uploading the file with the stable network.

**Upload succeeded**  
View details below.

Destination: s3://www.hell.com

Succeeded: 2 files, 1.7 KB (100.00%)  
Failed: 0 files, 0 B (0%)

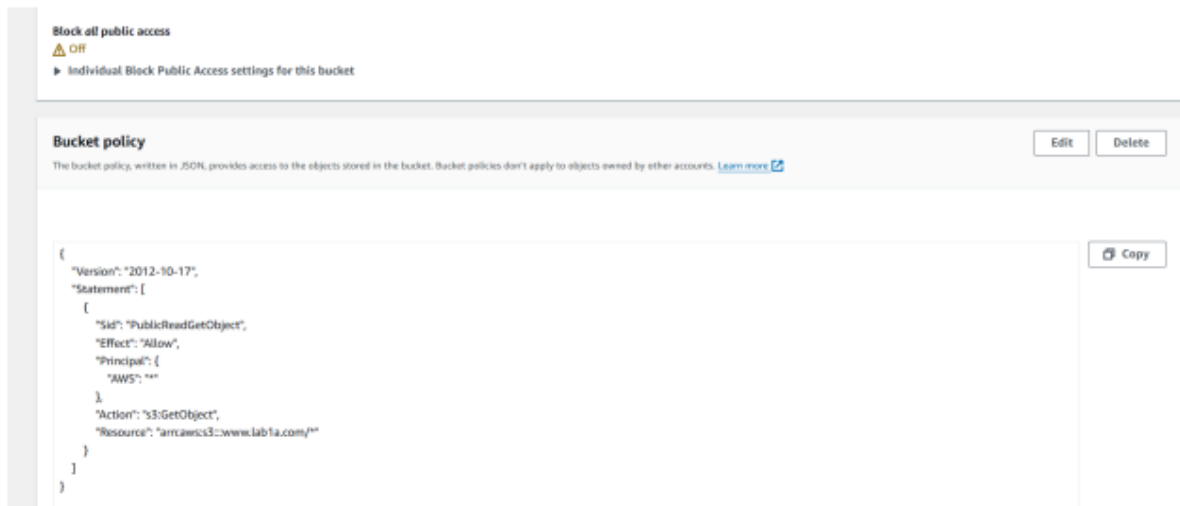
**Files and folders (2 Total, 1.7 KB)**

Find by name

Name	Folder	Type	Size	Status	Error
portfolio.html	-	text/html	945.0 B	Succeeded	-
hell.html	-	text/html	799.0 B	Succeeded	-



STEP 9: Going on the public access bucket policy and writing the code with the bucket name which will give the access.



STEP 10: After giving the access the website will get hosted on the S3 bucket.

