


## Exp No.1

Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

### Hosting Using Xampp

1.Create a File in your local directory.

Name	Date modified	Type	Size
 phphello	11-08-2024 21:12	PHP Source File	1 KB

2.Write the PHP in the File.

```
<!DOCTYPE html>
<html>
<body>

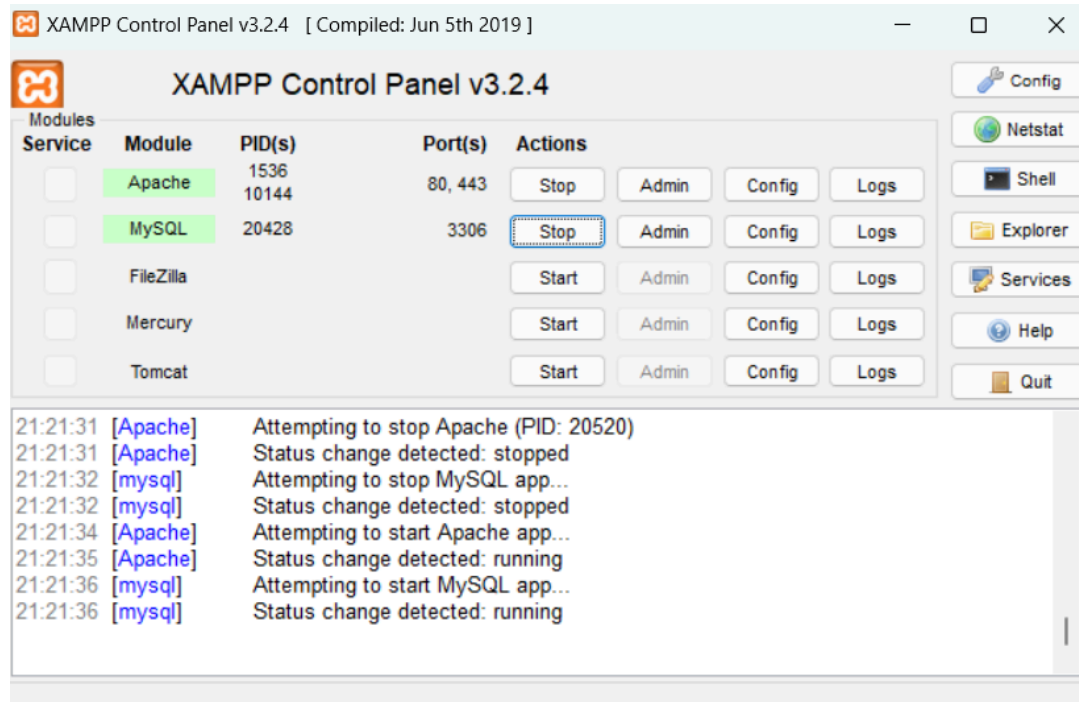
<h1>My first PHP page</h1>

<?php
echo "Hello World!";
?>

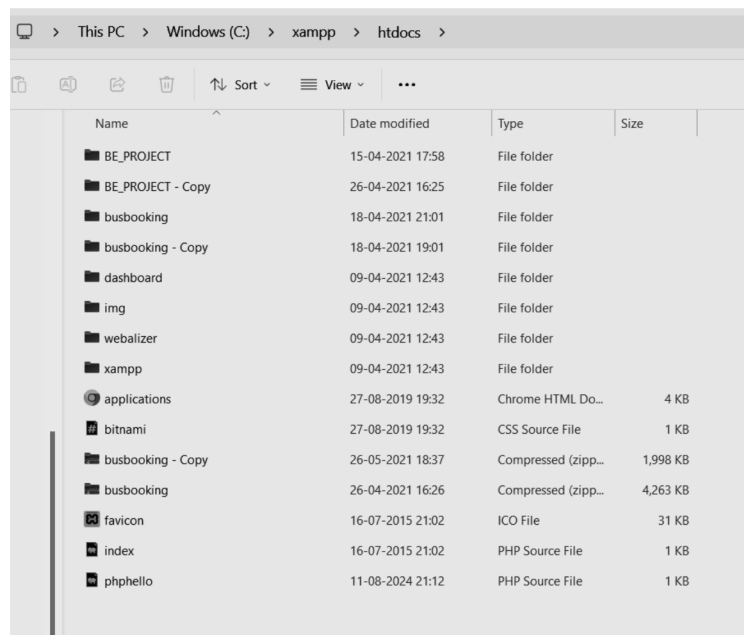
</body>
</html>
```

3. Turn on Xampp Control panel.

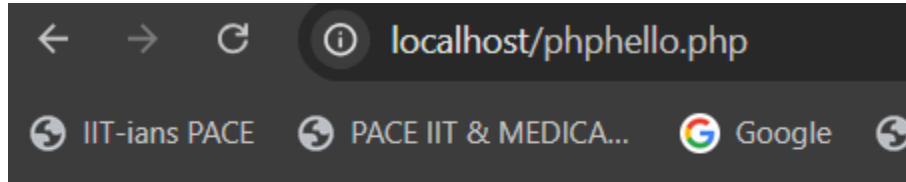
And Start the Apache Module and MySQL Module.



4. Paste the File Which you have made in This PC → Windows(c) →Xampp →htdocs folder



5.Type localhost.<filename>.php in the browser  
Here the File name is “phphello”.



# My first PHP page

Hello Sahil

## Exp 1 :Static Hosting Using AWS

1.Start the AWS lab and Navigate to the services and choose S3 bucket and Click on create Bucket.

Name the bucket according to you.

[Amazon S3](#) > [Buckets](#) > Create bucket

### Create bucket [Info](#)

Buckets are containers for data stored in S3.

#### 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](#)

sahilm

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

2. Bucket will be created.

☑ **Successfully created bucket "sahilm"**  
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.

[Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

	Name ▲	AWS Region ▼	IAM Access Analyzer	Creation date ▼
<input type="radio"/>	<a href="#">sahilm</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	August 4, 2024, 21:44:05 (UTC+05:30)

## 3. Configure the Edit Static website hosting page.

## Edit static website hosting [Info](#)

### 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](#)

Index document

Specify the home or default page of the website.

sahil.html

Error document - *optional*

This is returned when an error occurs.

error.html

## 4. Upload the File Which want to Host.

## Upload [Info](#)

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

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

### Files and folders (1 Total, 432.0 B)

Remove Add files Add folder

All files and folders in this table will be uploaded.

Find by name < 1 >

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

Destination [Info](#)

Destination  
s3://sahilm

## 5.The file Will be uploaded.

Upload succeeded  
View details below.

The information below will no longer be available after you navigate away from this page.

### Summary

Destination s3://sahilm	Succeeded 1 file, 432.0 B (100.00%)	Failed 0 files, 0 B (0%)
----------------------------	--	-----------------------------

Files and folders

Configuration

### Files and folders (1 Total, 432.0 B)

Find by name < 1 >

Name	Folder	Type	Size	Status	Error
<a href="#">index.html</a>	-	text/html	432.0 B	Succeeded	-


6. Edit the Bucket Policies and use this code replace the sahilm with the bucket name  
Here my bucket name is sahilm.

### Edit bucket policy [Info](#)

#### Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

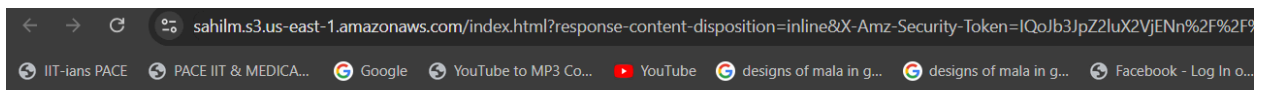
Bucket ARN

 arn:aws:s3:::sahilm

#### Policy

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "PublicReadGetObject",
6       "Effect": "Allow",
7       "Principal": "*",
8       "Action": "s3:GetObject",
9       "Resource": "arn:aws:s3:::sahilm/*"
10    }
11  ]
12 }
13
```

7. After editing Policy the link will be generated of static hosting.



## My Portfolio

Name:Sahil Motiramani 