Aim: To develop a website and host it on your local machine and Amazon S3
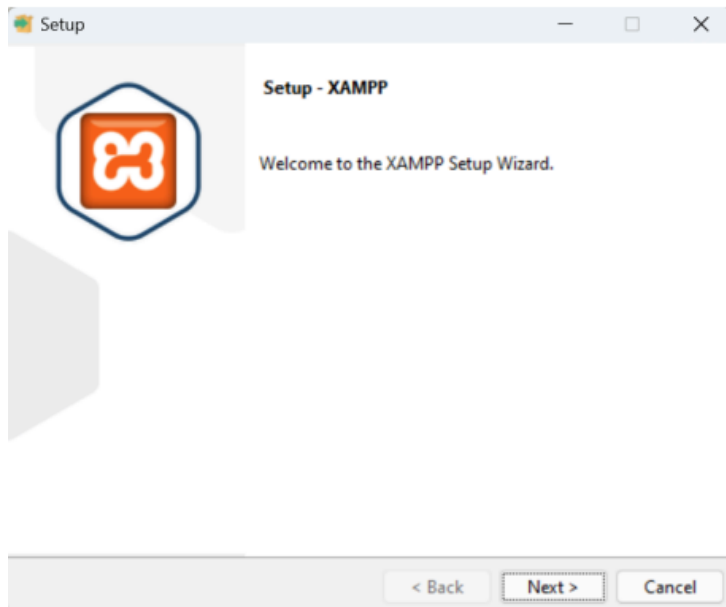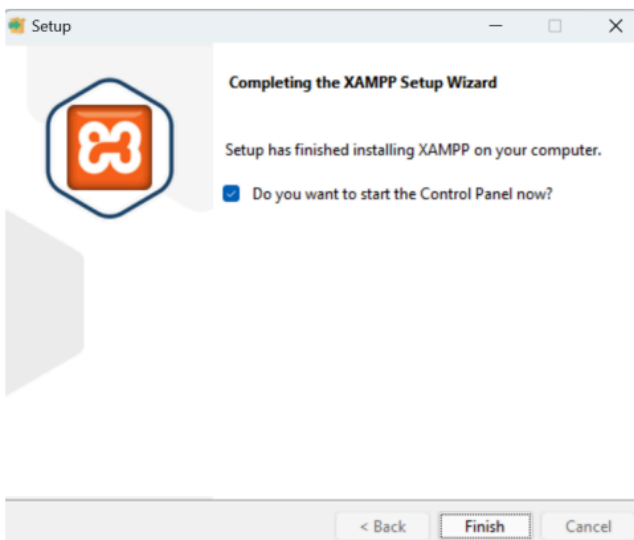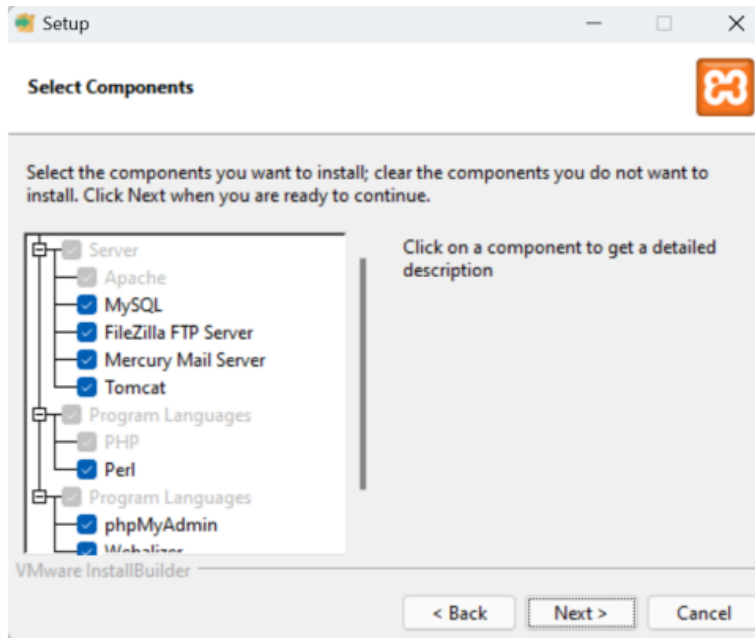
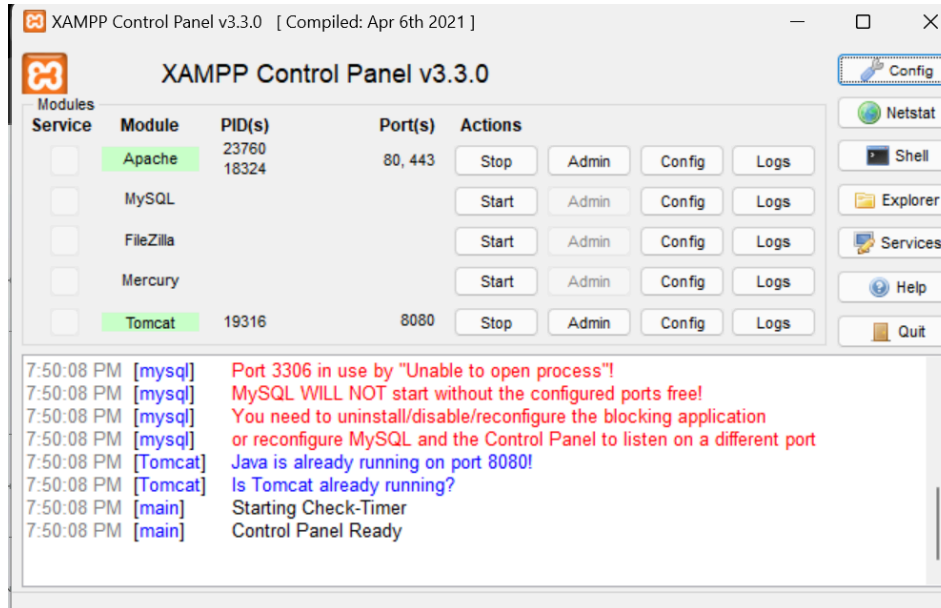1. **Hosting Website using Xampp**

Install the required files from the internet and open up the setup

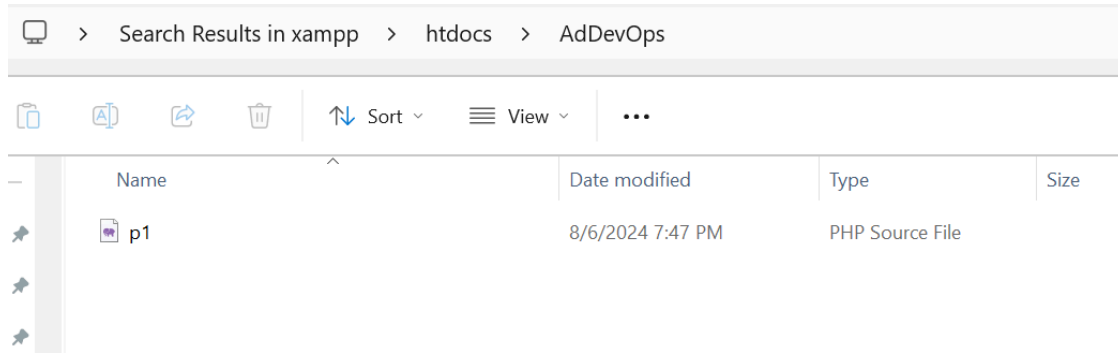**Make the changes according to your requirements**

Open the control panel and click start for Apache
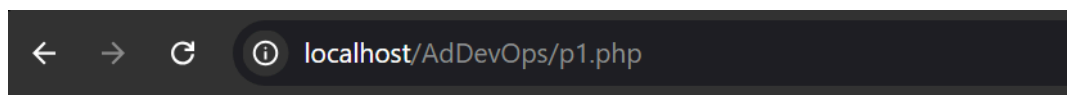
Write down your code and save it inside the htdocs folder in xampp files

```
C: > xampp > htdocs > AdDevOps > 🐘 p1.php
1    <html>
2    <title> LAB 1 NIKITA CHHABRIA </title>
3    <body>
4    <?php
5    echo"D15C";
6    ?>
7
8
```
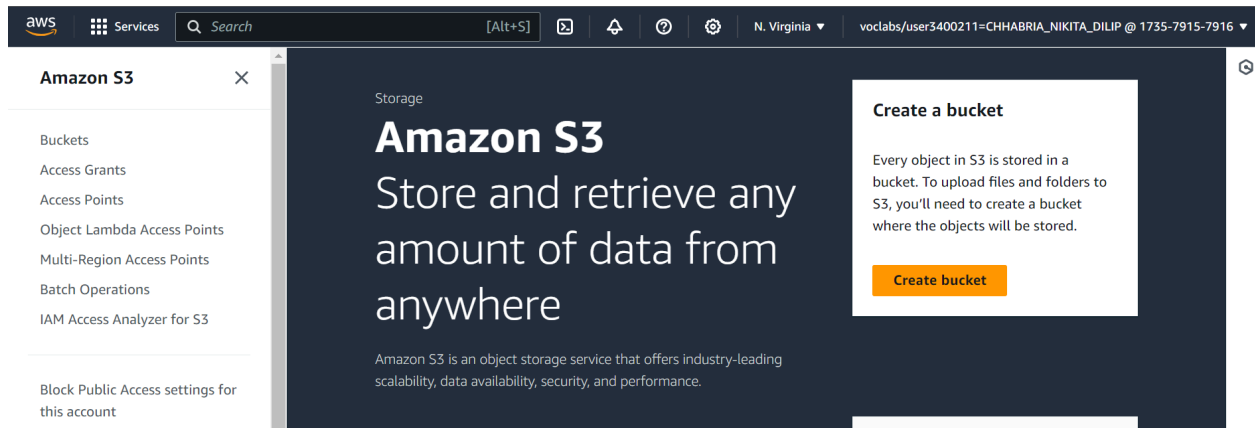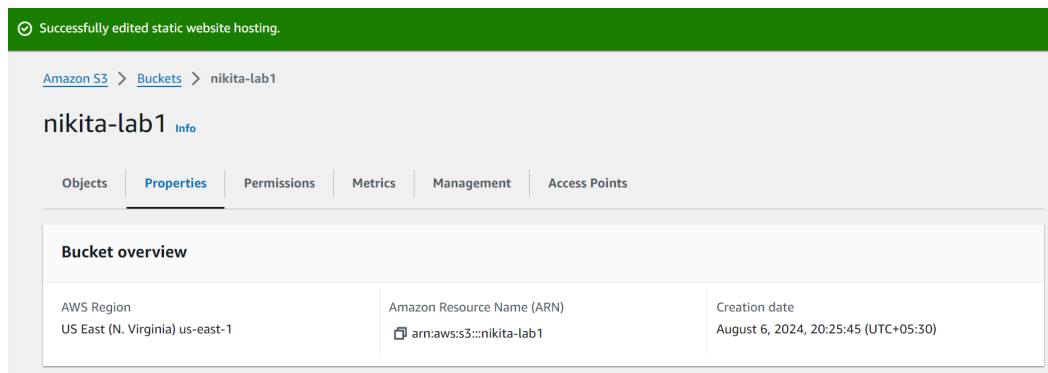
Go to your browser and type <localhost/filename/>

Index of /AdDevOps

Name	**Last modified**	**Size**	**Description**
Parent Directory		-	
p1.php	2024-08-06 19:47	82	

Apache/2.4.56 (Win64) OpenSSL/1.1.1t PHP/8.2.4 Server at localhost Port 80

D15C

Hosting website with Amazon S3

Open your learner lab's and Go to Amazon S3 in services

Click on create bucket and make a bucket with any name

In properties go to static website hosting and enable it
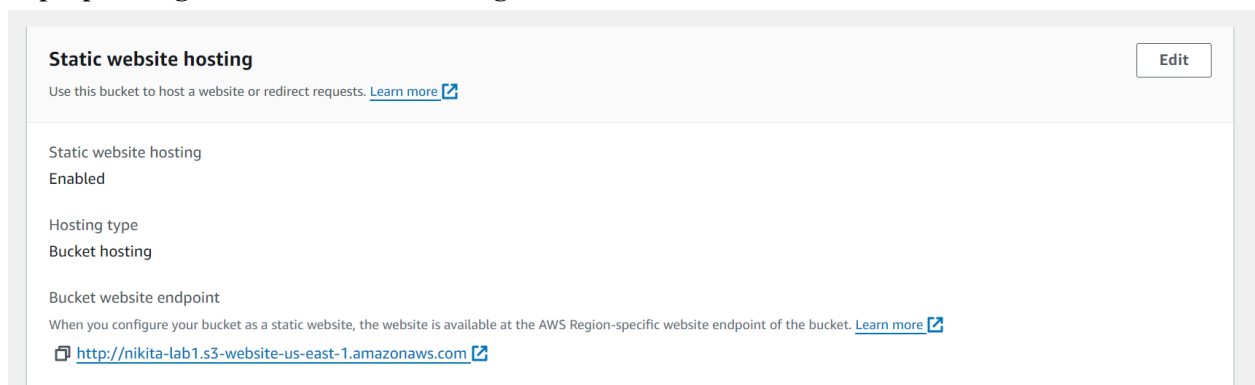
Go to Uploads option and upload the code files in them

Upload succeeded
View details below.

Summary

Destination	Succeeded	Failed
s3://nikita-lab1	⊘ 2 files, 108.0 B (100.00%)	⊝ 0 files, 0 B (0%)

Files and folders   Configuration

Files and folders (2 Total, 108.0 B)

🔍 Find by name   ⟨ 1 ⟩

Name	Folder ▽	Type ▽	Size ▽	Status ▽	Error ▽
error.html ↗	-	text/html	47.0 B	⊘ Succeeded	-
index.html ↗	-	text/html	61.0 B	⊘ Succeeded	-

To host the website we need some permissions which can be changed using the following code

Bucket policy   Edit   Delete
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 ↗

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "PublicReadGetObject",
            "Effect": "Allow",
            "Principal": {
                "AWS": "*"
            },
            "Action": "s3:GetObject",
            "Resource": "arn:aws:s3:::nikita-lab1/*"
        }
    ]
}
```
🗐 Copy

← → C   ⦾ nikita-lab1.s3.amazonaws.com/index.html

lab 1

Error Message