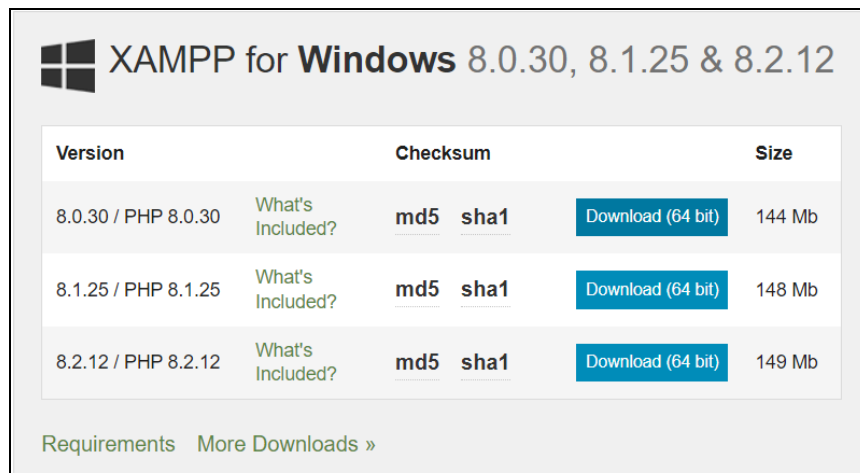


Experiment 1A

Aim: To develop and host a website on your local machine and Amazon S3.

Step 1: Install and set up Xampp and host the website through Xampp.

- a) Go to <https://www.apachefriends.org> and download the Xampp according to the best version compatible with your device.

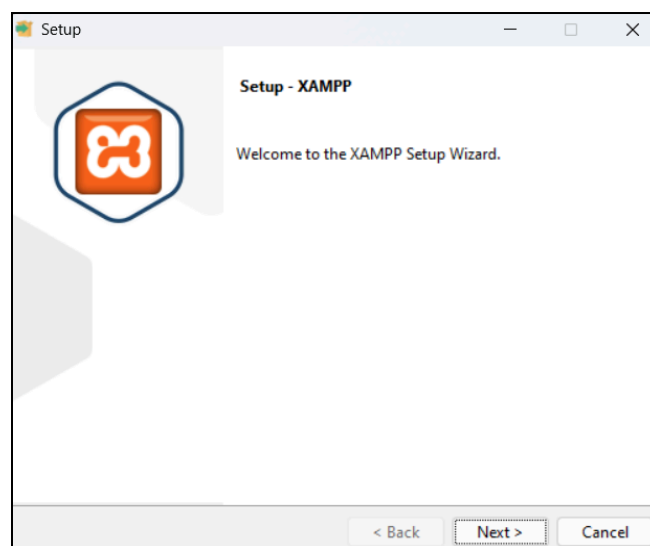


XAMPP for Windows 8.0.30, 8.1.25 & 8.2.12

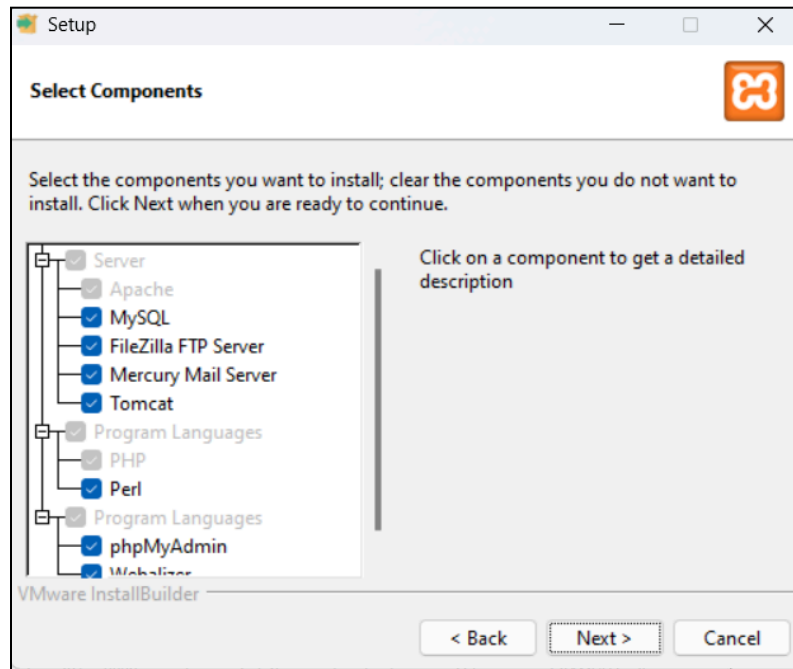
Version	Checksum	Size
8.0.30 / PHP 8.0.30 <a href="#">What's Included?</a>	md5 sha1	Download (64 bit) 144 Mb
8.1.25 / PHP 8.1.25 <a href="#">What's Included?</a>	md5 sha1	Download (64 bit) 148 Mb
8.2.12 / PHP 8.2.12 <a href="#">What's Included?</a>	md5 sha1	Download (64 bit) 149 Mb

[Requirements](#) [More Downloads »](#)

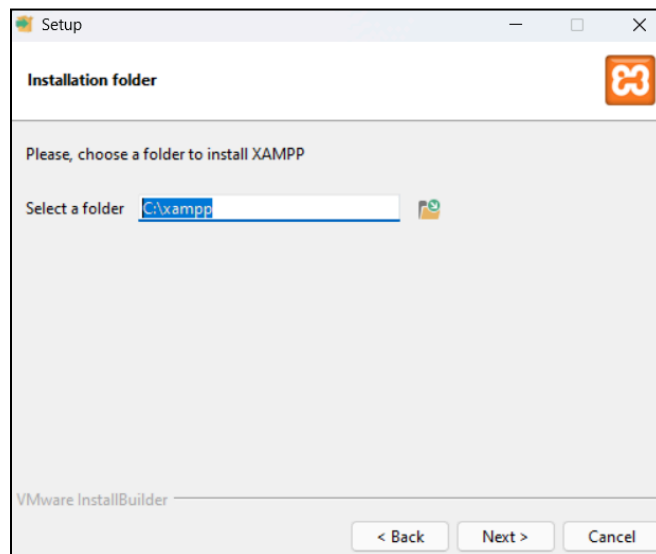
- b) Click on the Next button.



c) Select the Components as per the need.

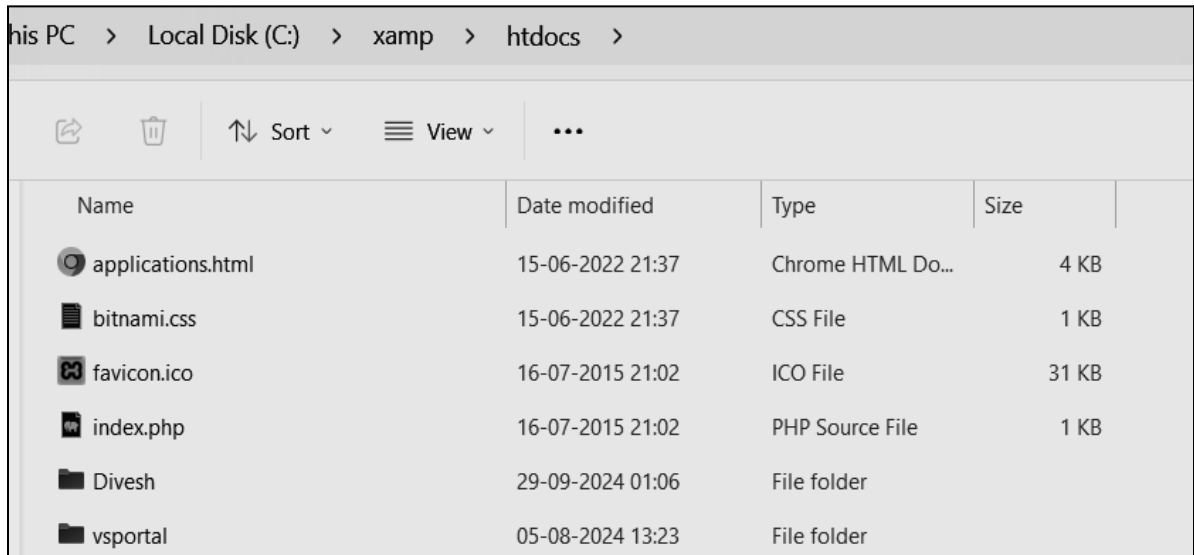


d) Select the folder for the installation of the Xampp



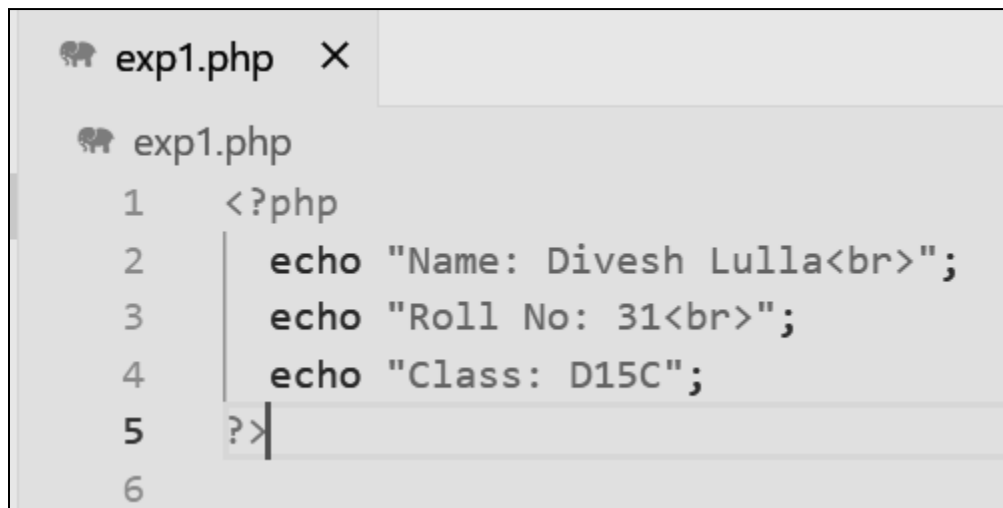
Step 2: Create and save a php file.

a) Create a new folder in the htdocs.



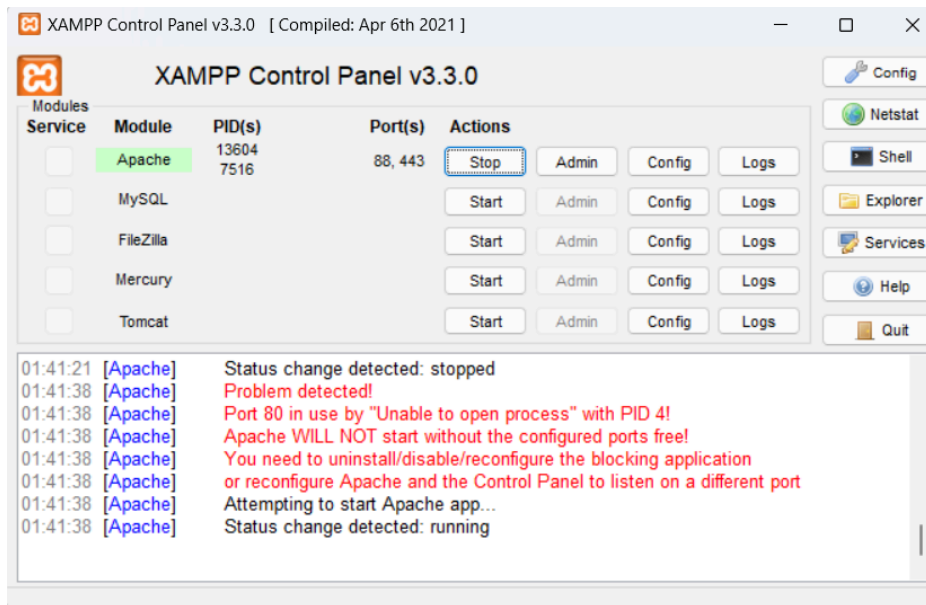
Name	Date modified	Type	Size
applications.html	15-06-2022 21:37	Chrome HTML Do...	4 KB
bitnami.css	15-06-2022 21:37	CSS File	1 KB
favicon.ico	16-07-2015 21:02	ICO File	31 KB
index.php	16-07-2015 21:02	PHP Source File	1 KB
Divesh	29-09-2024 01:06	File folder	
vsportal	05-08-2024 13:23	File folder	

b) Write a PHP script and save the PHP file inside the new folder created in the htdocs.

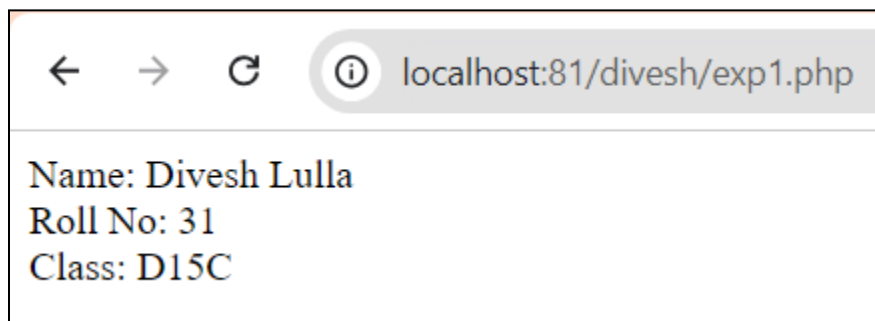


```
exp1.php X
exp1.php
1 <?php
2     echo "Name: Divesh Lulla<br>";
3     echo "Roll No: 31<br>";
4     echo "Class: D15C";
5     ?>
6
```

Step 3: Go to the Xampp control panel and start Apache Server.

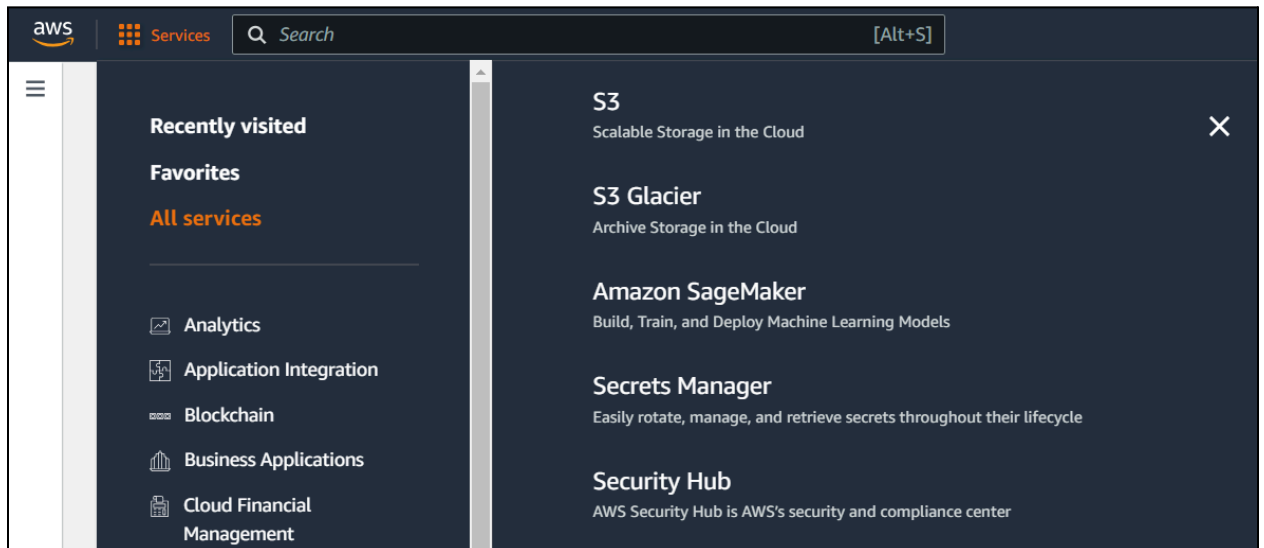


Step 4: Go to the browser and enter localhost:(port number)/folder\_name/filename to view the output of the php file.

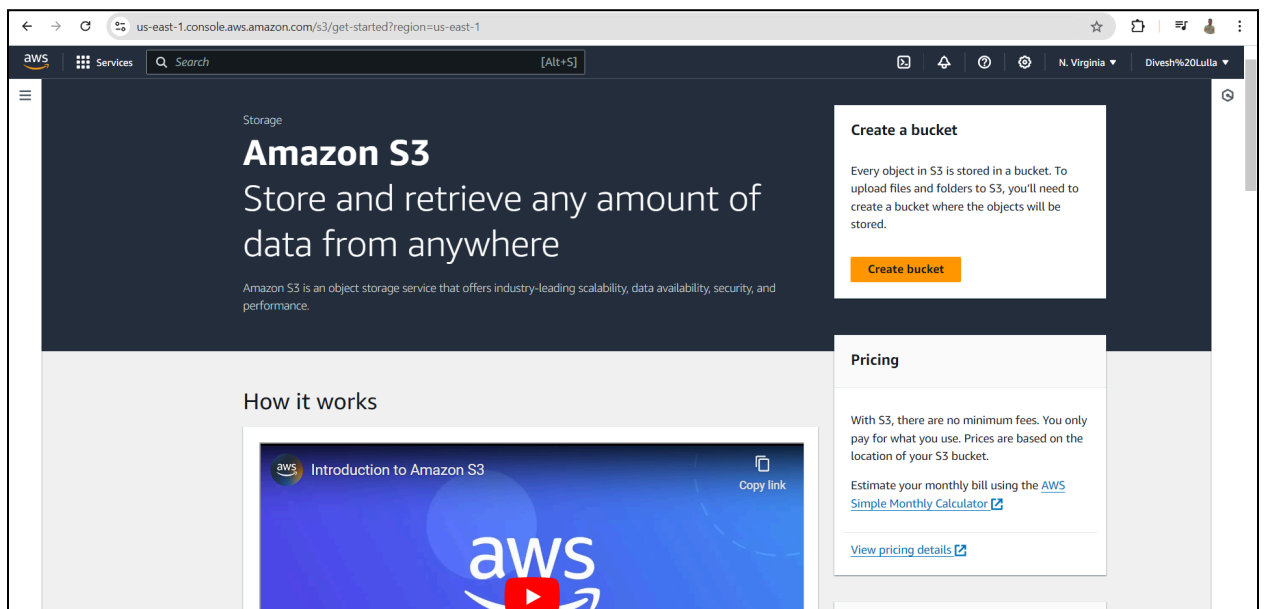


## Step 5: Host a Static Website on Amazon S3

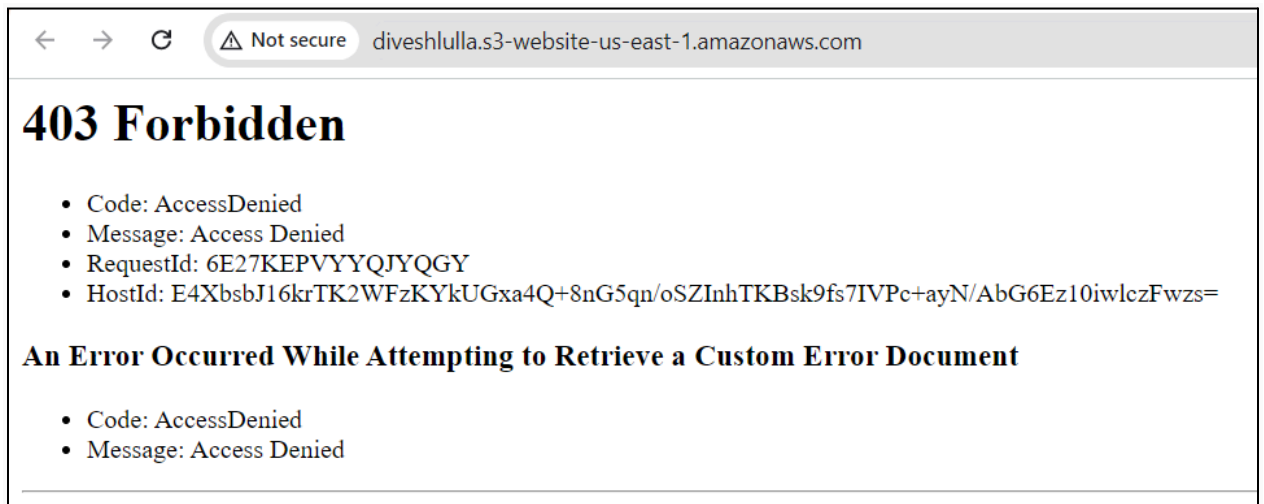
a) Go to AWS console home and select S3 from Services.



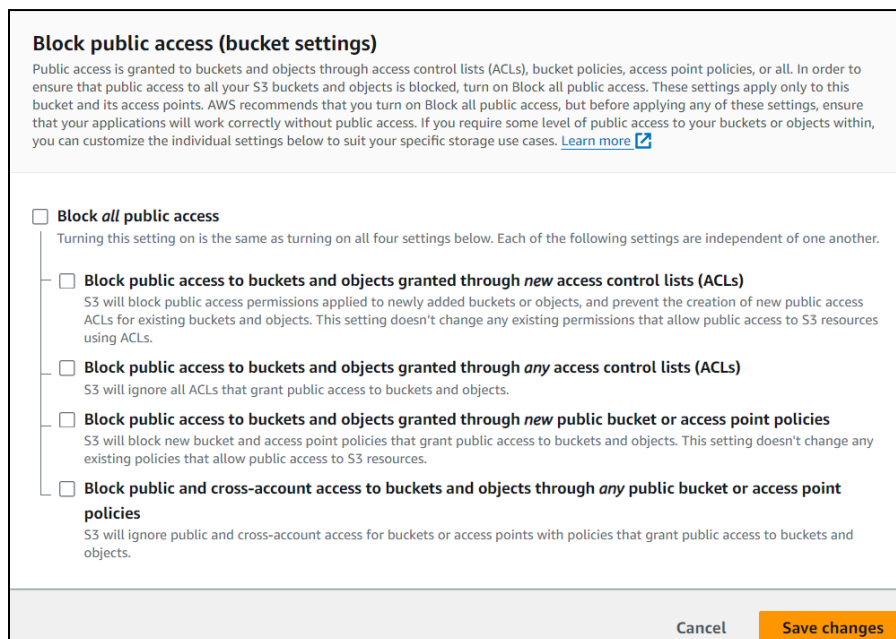
b) Create a bucket



- c) Create a bucket and upload files. After uploading the files go to properties and scroll down to static website hosting and click on the link



- d) Go to permissions, scroll down to Block public access and uncheck the checkbox and save it.



- e) Scroll down to bucket policy and write down the below code in it and save the changes.

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

A screenshot of a code editor with a light gray background. The code is a JSON policy document. Line numbers 1 through 14 are visible on the left. The code is as follows:

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "PublicReadGetObject",
6       "Effect": "Allow",
7       "Principal": {
8         "AWS": "*"
9       },
10      "Action": "s3:GetObject",
11      "Resource": "arn:aws:s3:::diveshlulla/*"
12    }
13  ]
14 }
```

- f) Reload the Website to see the output of the uploaded file.

