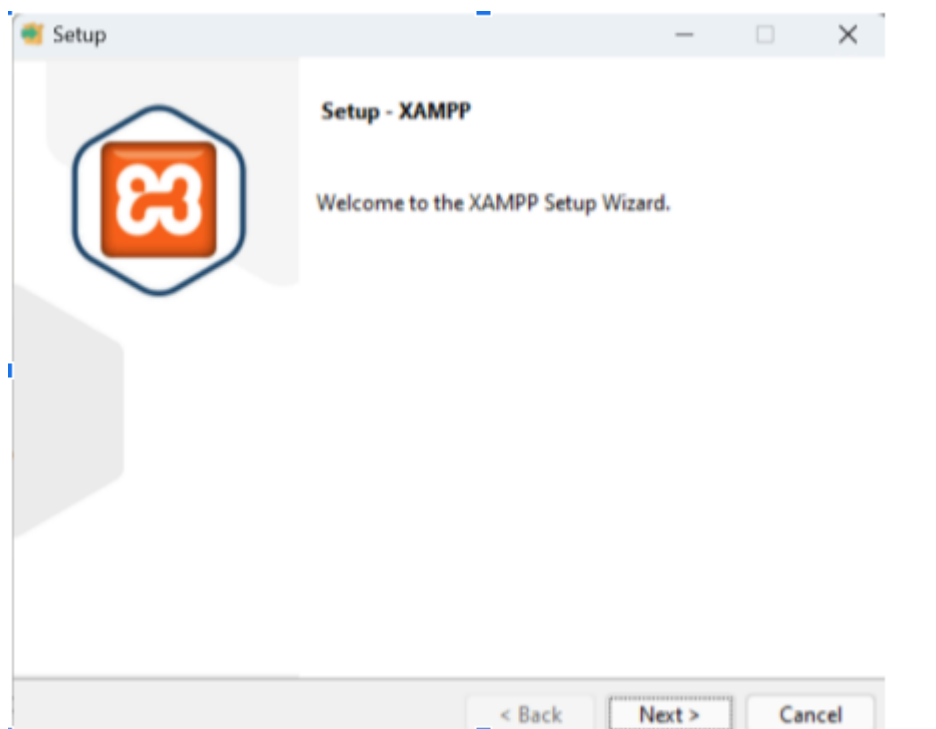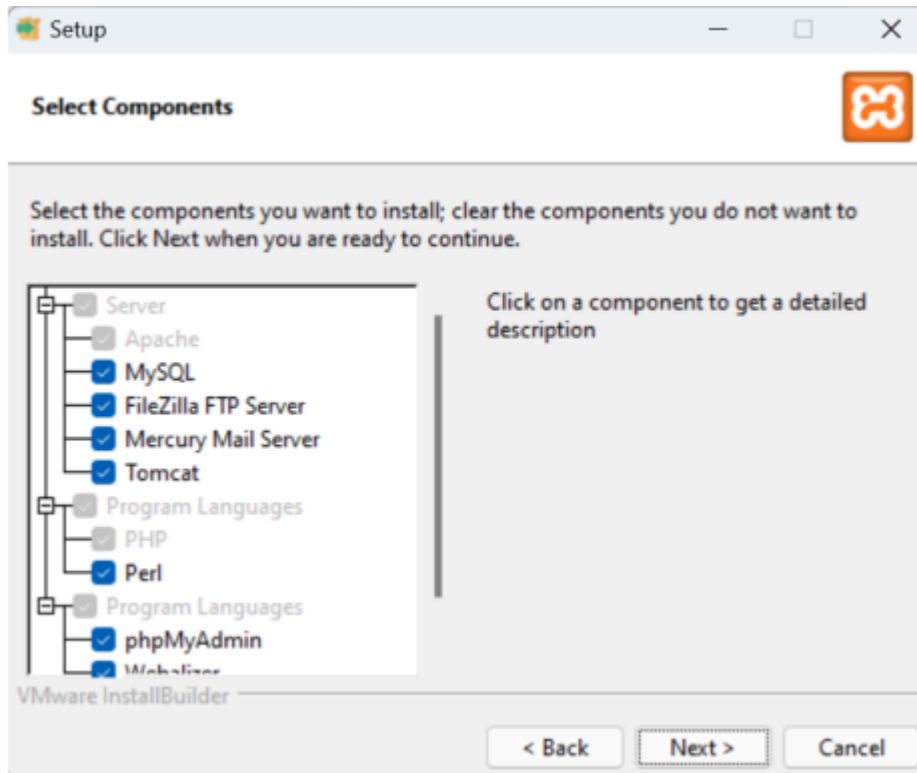EXPERIMENT 1(a):To develop a website and host it on your local machine on a VM

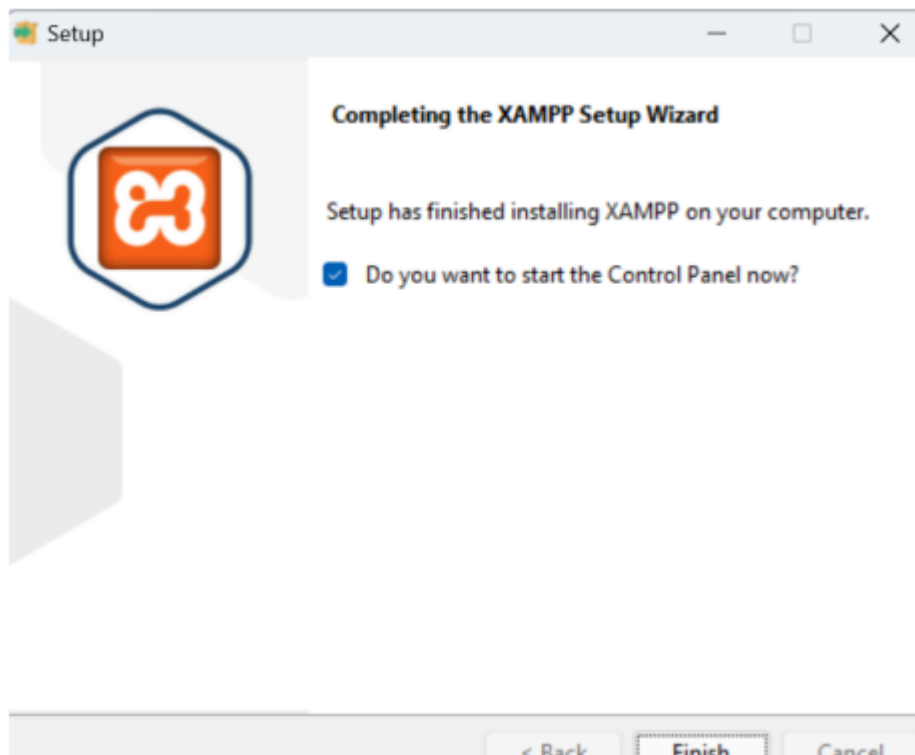STEP 1:Installing Xampp on your local machine by going on google website and downloading it.
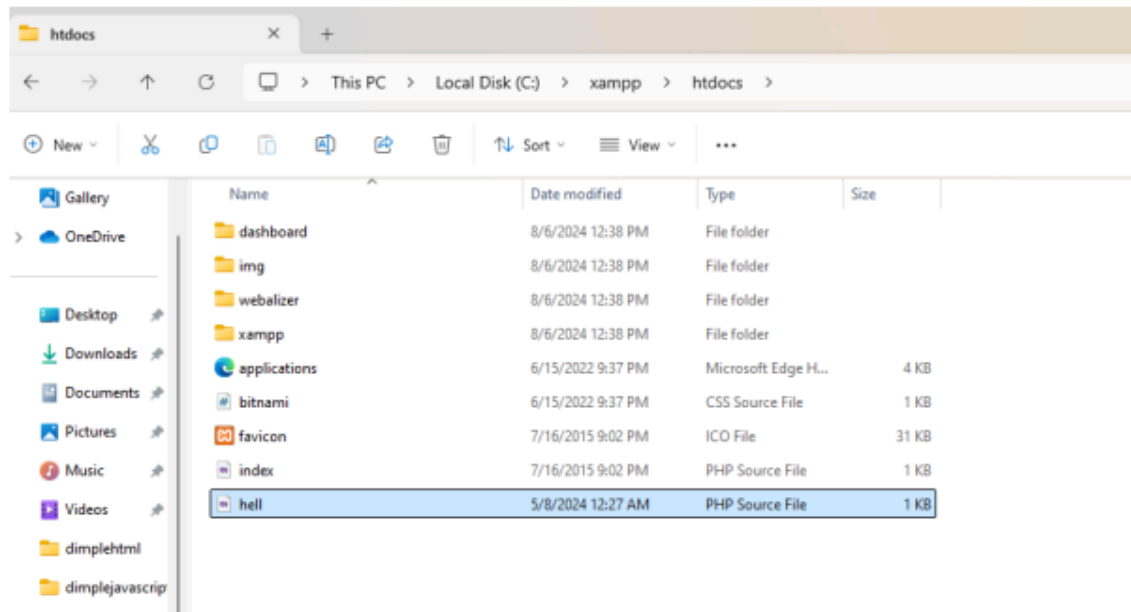
STEP 2:Setting the environment by selecting components and clicking next button.

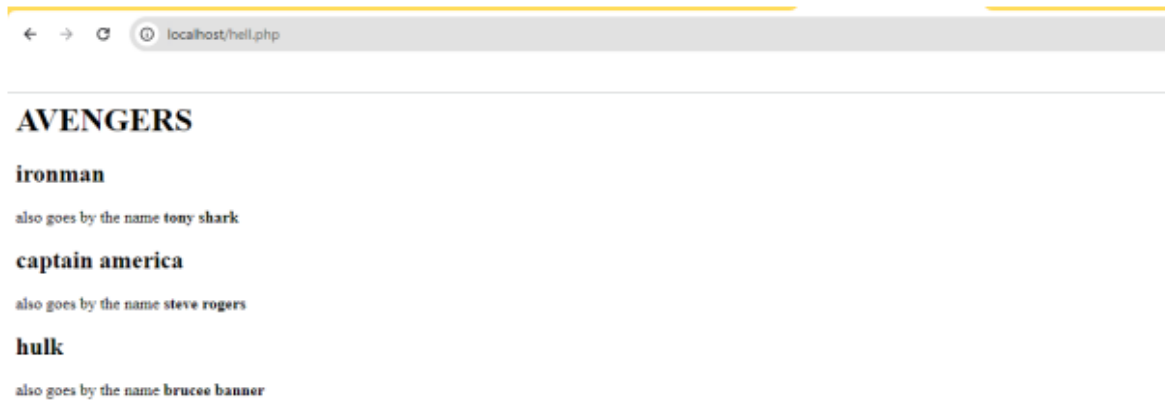STEP 3:Completing the steps for setting environment for xampp by clicking on finish button.

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.

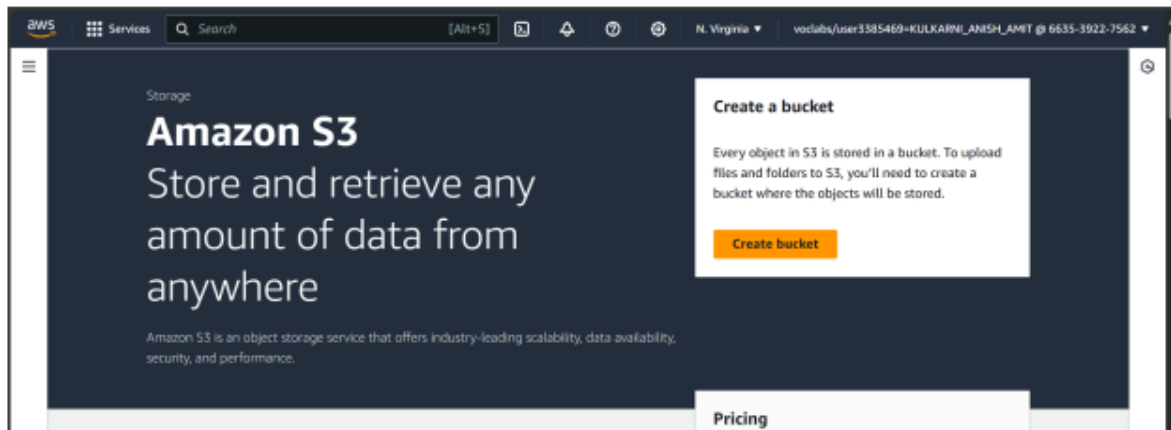STEP 5:Starting the Apache module and Tomcat module from the Xampp control panel.
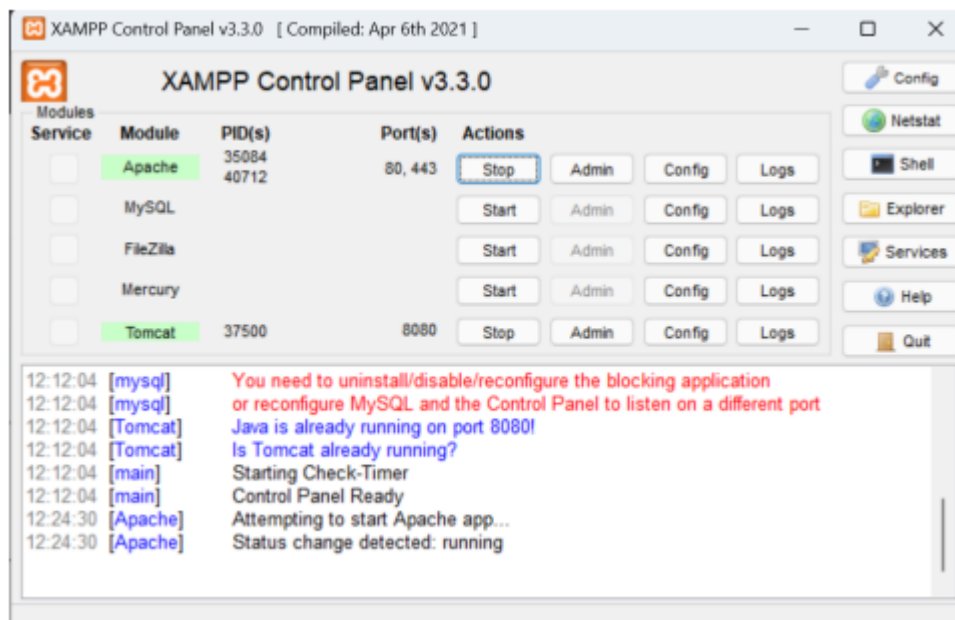
STEP 6:Hosting the website on Xampp.

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.

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

STEP 4 : Reviewing the creation of bucket

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 the there will be error while uploading the file.

STEP8:Successfully uploading the file with the stable network.

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

Block all public access
⚠ Off
▶ Individual Block Public Access settings for this bucket

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:::www.lab1a.com/*"
        }
    ]
}
```
                                                           Copy

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

← → C ⚠ Not secure hell.com.s3-website-us-east-1.amazonaws.com

AVENGERS

ironman

also goes by the name **tony shark**

captain america

also goes by the name **steve rogers**

hulk

also goes by the name **brucee banner**