

# **Placement Empowerment Program**

## **Cloud Computing and DevOps Centre**

Host a Static Website Locally: Set Up a Local Server Apache and Host a Simple HTML page with your name



**Name: ANANDA KRISHNAN S A**

**DEPT: INFORMATION TECHNOLOGY**

# **Introduction to Hosting a Static Website**

## **Using Apache on Windows**

### **Introduction:**

- Apache HTTP Server is one of the most widely used web servers for hosting websites. It allows you to serve static web pages (HTML, CSS, JavaScript) efficiently on your local machine or a network.
- This guide provides a step-by-step process to install, configure, and run Apache on Windows 11 for hosting a static website. By following these instructions...

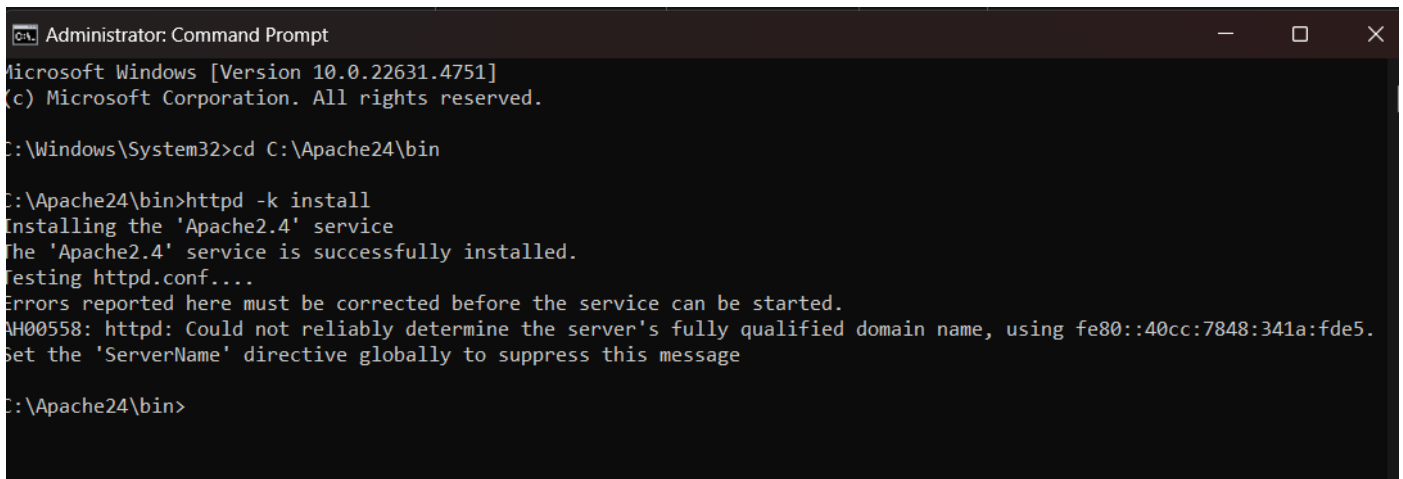
### **Objectives:**

- Install and set up Apache on Windows.
- Configure Apache to serve your website from a custom directory.
- Start and test the Apache server.
- Troubleshoot common issues.
- Whether you are a beginner learning web hosting or need a local development environment, this guide will help you get started with Apache easily.

# Steps to Host a Static Website Using Apache on Windows

## Install Apache:

- Download Apache from Apache Lounge.
- Extract the ZIP file to C:\Apache24.
- Open Command Prompt as Administrator and run



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4751]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd C:\Apache24\bin

C:\Apache24\bin>httpd -k install
Installing the 'Apache2.4' service
The 'Apache2.4' service is successfully installed.
Testing httpd.conf....
Errors reported here must be corrected before the service can be started.
AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using fe80::40cc:7848:341a:fde5.
Set the 'ServerName' directive globally to suppress this message

C:\Apache24\bin>
```

## Configure Apache (httpd.conf):

- Open C:\Apache24\conf\httpd.conf in Notepad.
- Update DocumentRoot to your website folder:
- Set the ServerName to avoid warnings

```
DocumentRoot "C:/myweb"

<Directory "C:/myweb">
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>
```

## Start Apache:

- Open Command Prompt as Administrator and run:

```
#ServerName localhost:80
```

- Save and close the file
- Now follow the below command:

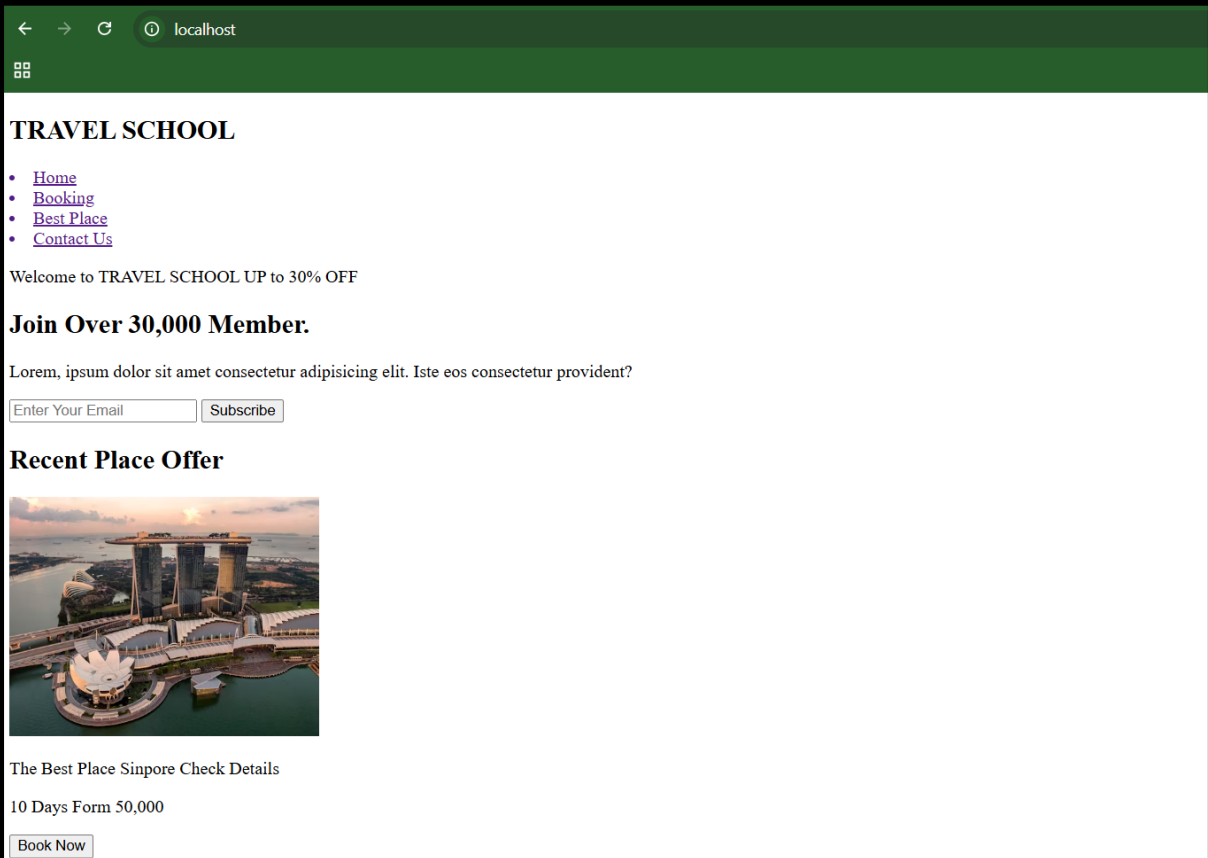
```
C:\Apache24\bin>httpd -k start
AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using fe80::40cc:7848:341a:fde5.
Set the 'ServerName' directive globally to suppress this message
```

- Open your browser and visit <http://localhost/> and after that a default apache page would appear.



## Add Your Website Files:

- Place your index.html inside C:\mywebsite.
- Refresh <http://localhost/> to see your page.



THANK YOU!