Test Environment Setup

Product Name :- OpenCart(E-Commerce Website)

Prepared By:- Gajanan Gharapure

Date :- 18/11/2024

Test Environment Setup

Purpose	Provide steps for test environment setup at localhost for Opencart application testing. The purpose of deploying the application on the local hostis that we can complete access to database tables and test without an internet connection. If we directly test "https://demo.opencart.com/", We will not have access to the database and we need an internet throughout the testing.
Created by	Gajanan Gharapure
Operating System	Windows 11
Date	18/11/2024

There are 2 components required for the deployment of the opencart application.

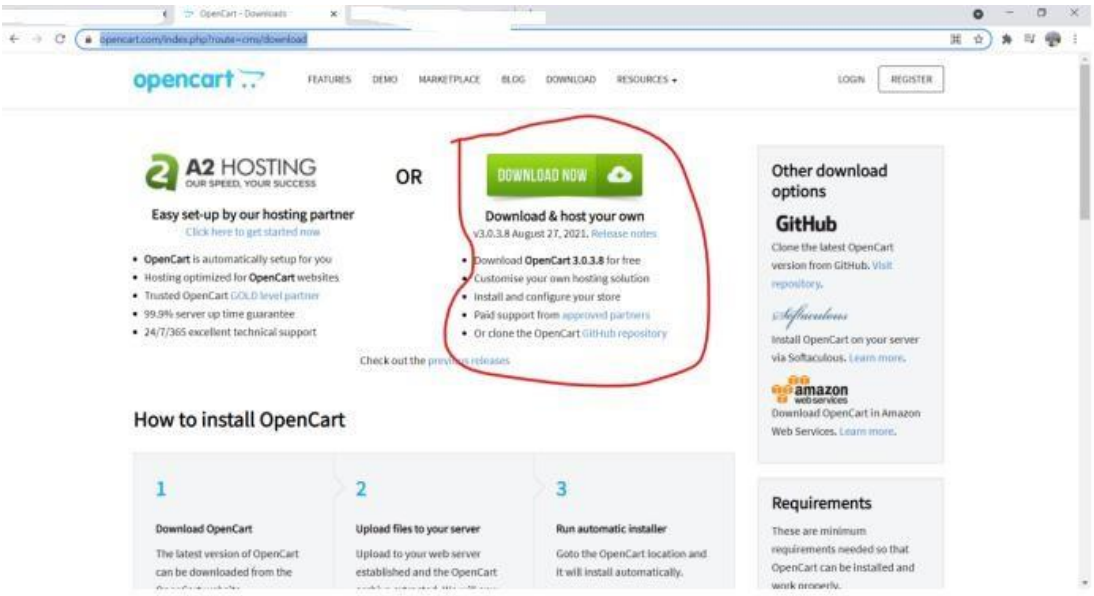
- My SQL Database
- Apache Web Server & PHP

We will use XAMMP as it will contain MySQL Databse, Apache web server

& PHP.Steps for test environment setup:

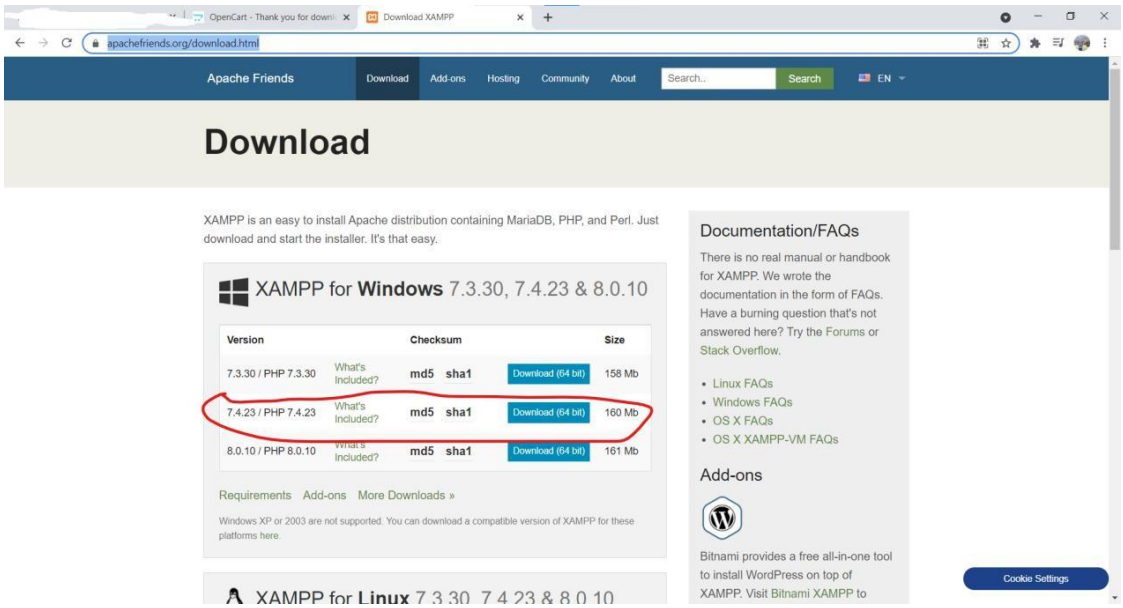
Step 1:

Download opencart -
https://www.opencart.com/index.php?route=cms/download



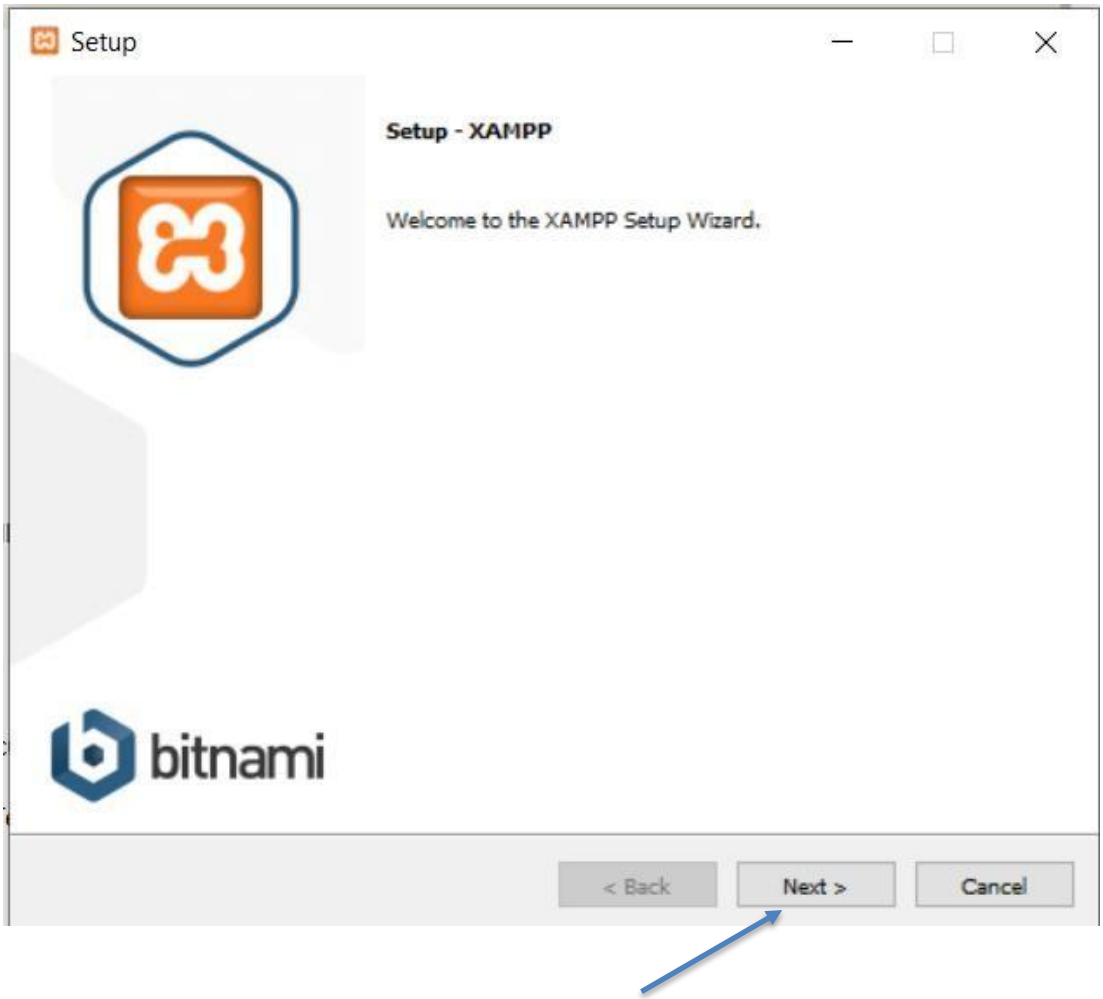
Step 2:

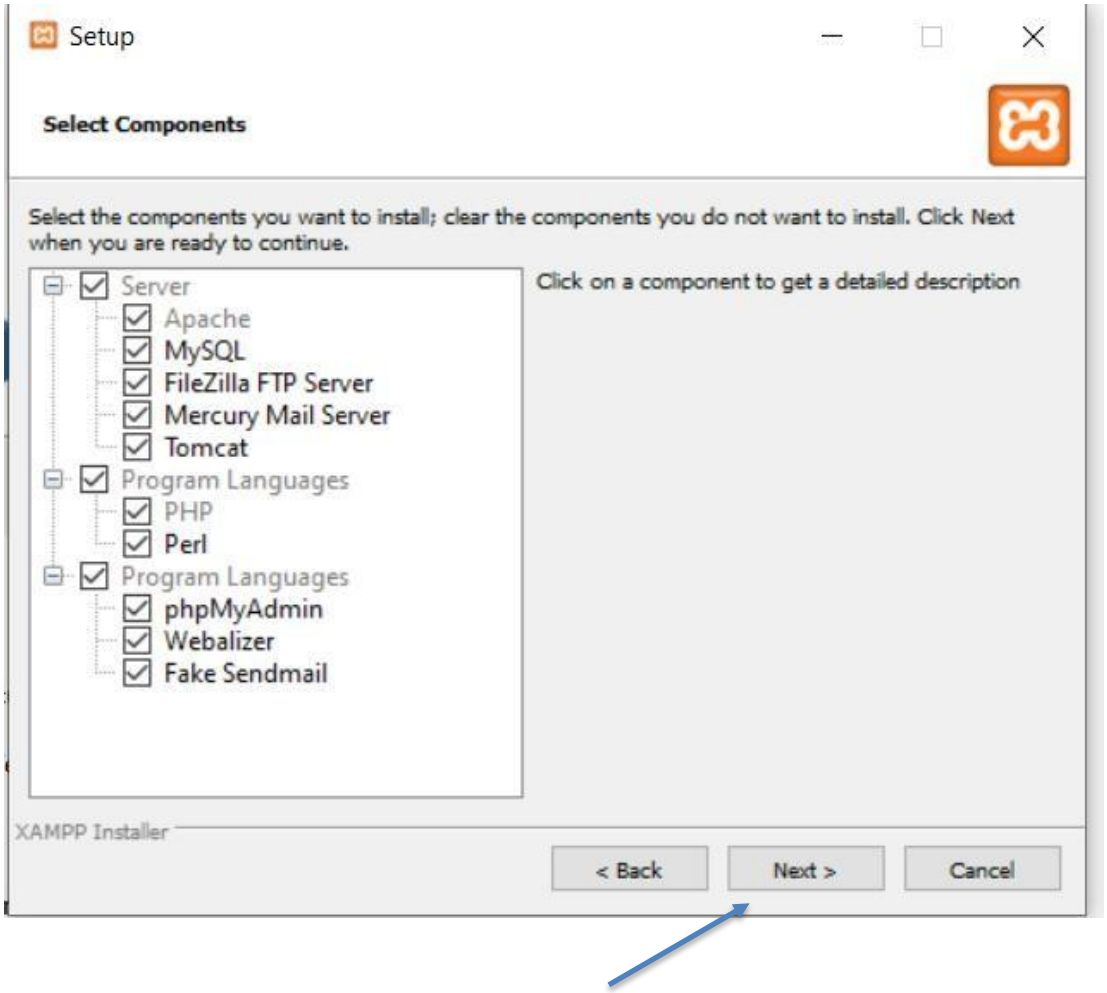
Download XAMMP for Apache, MySQL and php installation
https://www.apachefriends.org/download.html

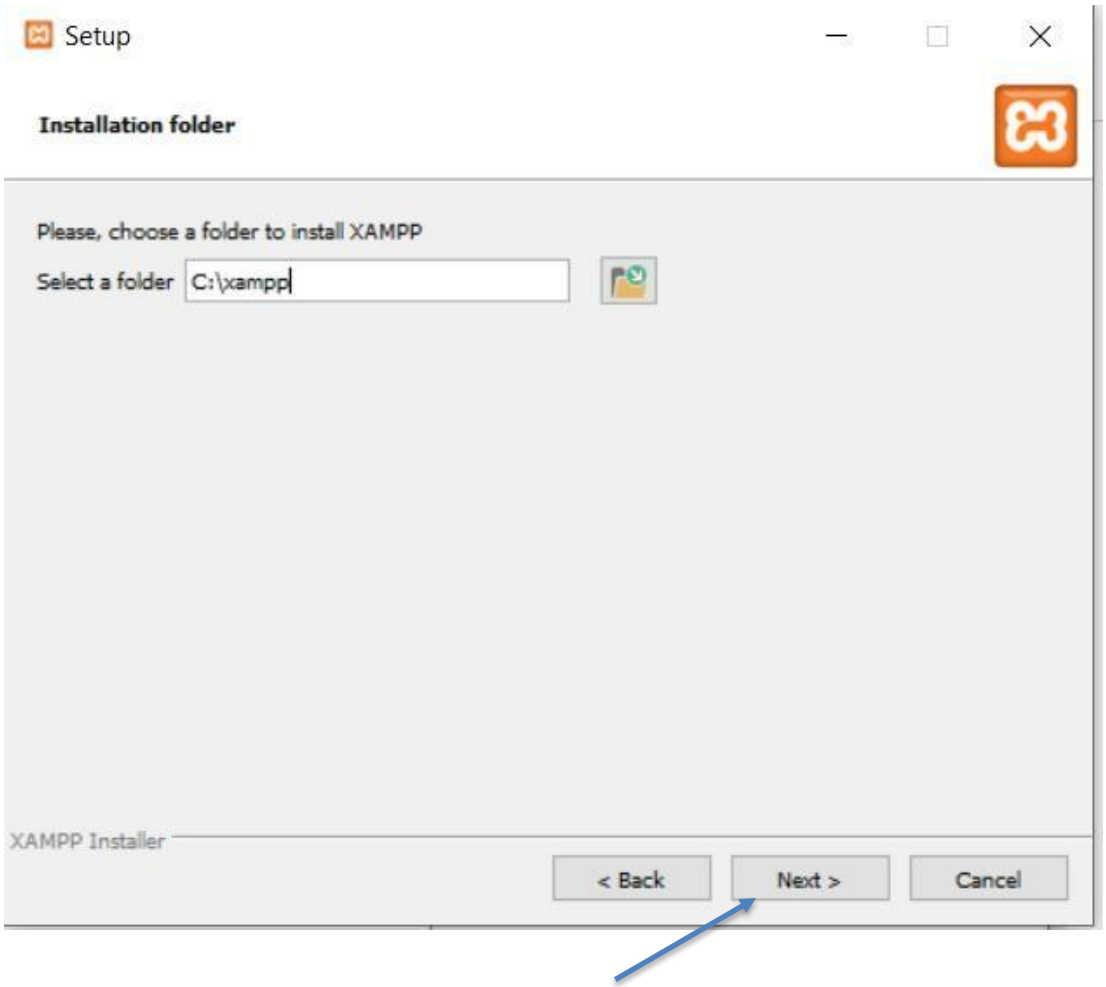


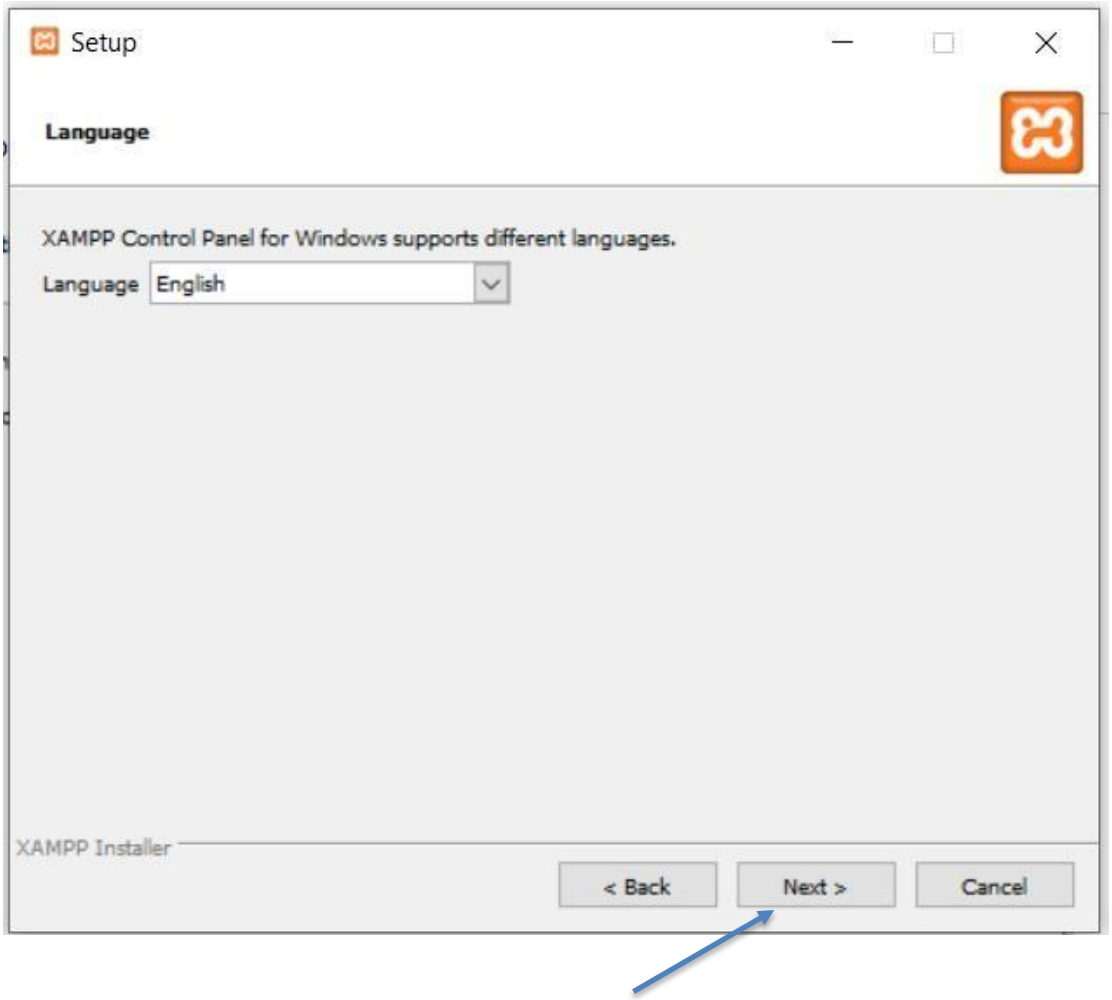
Step 3:

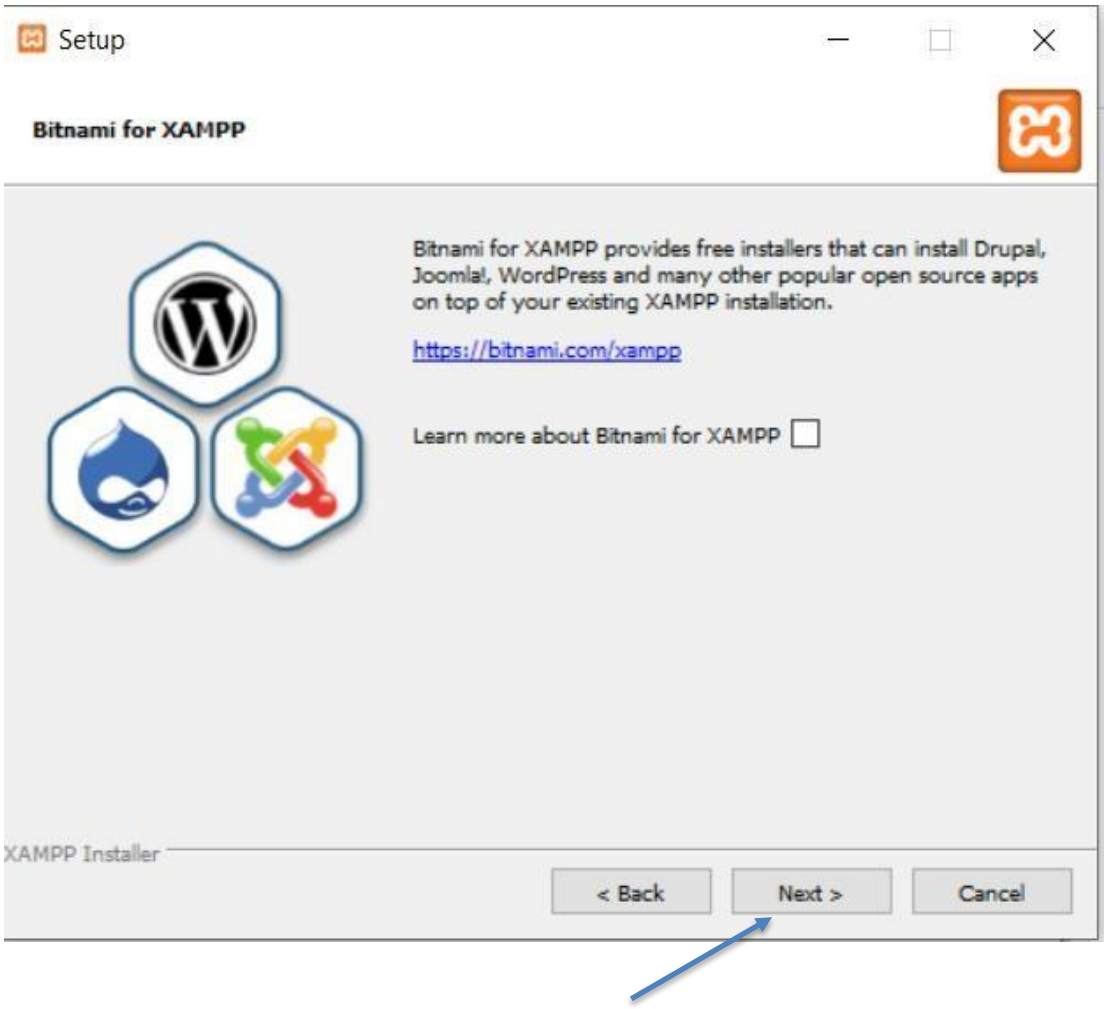
Install XAMMP

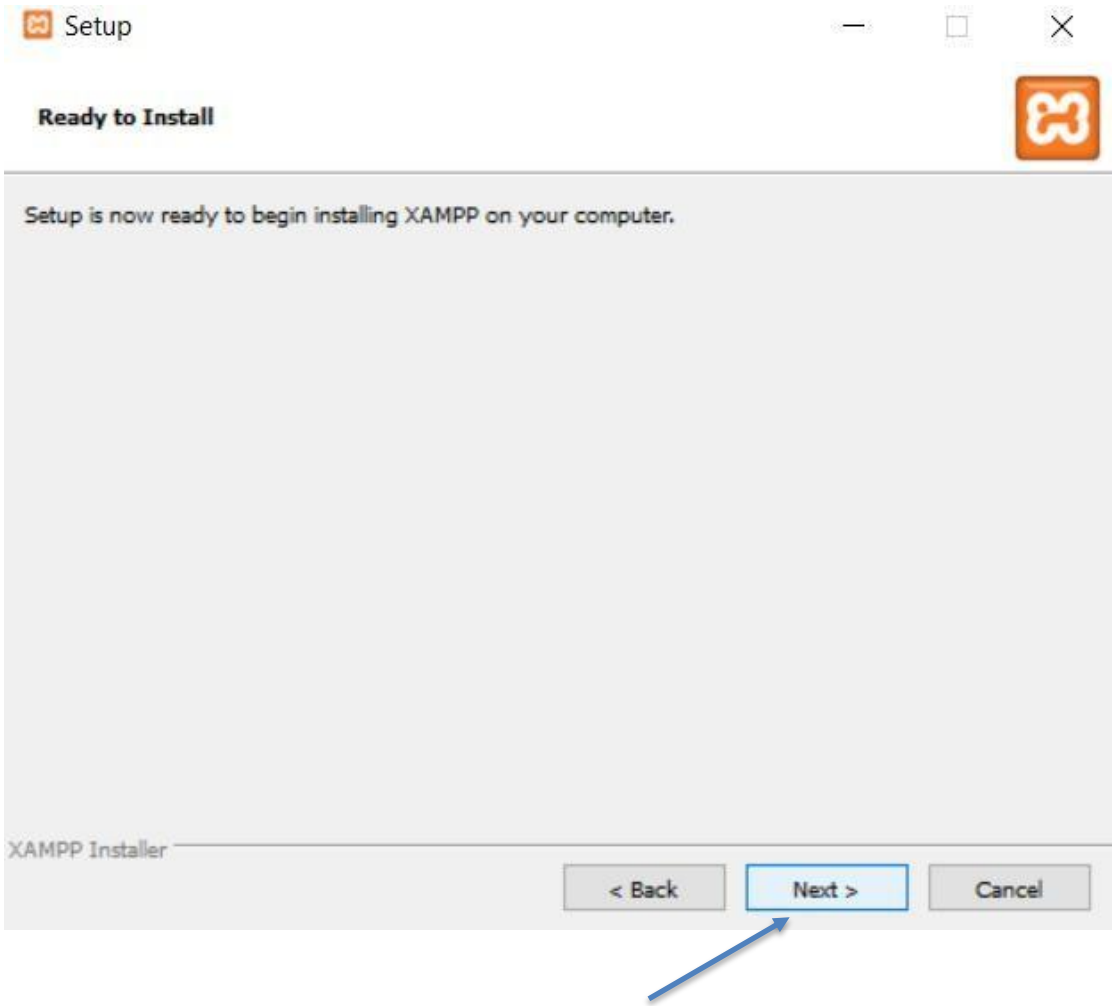


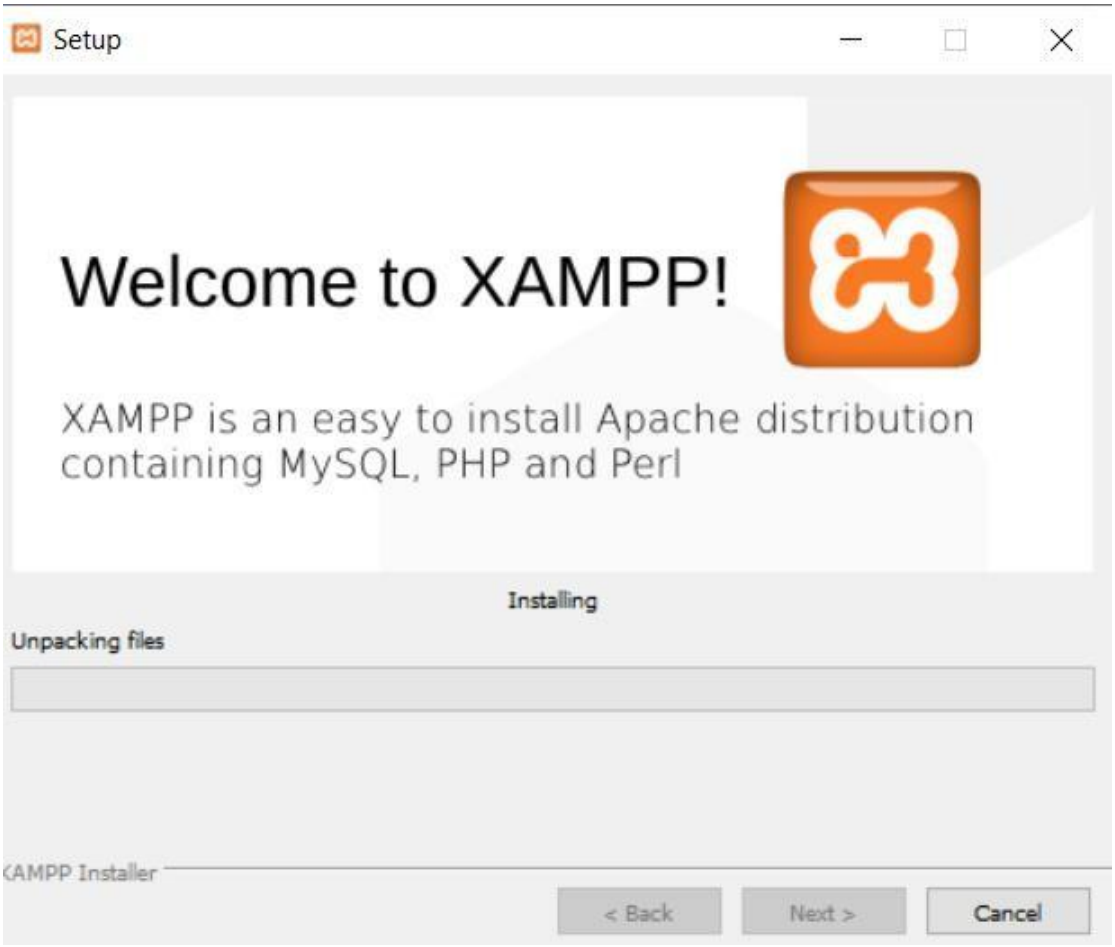

Setup
Select Components
Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.
Server
Apache
MySQL
FileZilla FTP Server
Mercury Mail Server
Tomcat
Program Languages
PHP
Perl
Program Languages
phpMyAdmin
Webalizer
Fake Sendmail
Click on a component to get a detailed description
XAMPP Installer
< Back
Next >
Cancel


Setup
Installation folder
Please, choose a folder to install XAMPP
Select a folder
C:\xampp
XAMPP Installer
< Back
Next >
Cancel


Setup
Language
XAMPP Control Panel for Windows supports different languages.
Language
English
XAMPP Installer
< Back
Next >
Cancel


Setup
Bitnami for XAMPP
Bitnami for XAMPP provides free installers that can install Drupal, Joomla!, WordPress and many other popular open source apps on top of your existing XAMPP installation.
https://bitnami.com/xampp
Learn more about Bitnami for XAMPP
XAMPP Installer
< Back
Next >
Cancel


Setup
Ready to Install
Setup is now ready to begin installing XAMPP on your computer.
XAMPP Installer
< Back
Next >
Cancel



Troubleshooting notes:

If there is any issue in starting the Apache server, use the below command

taskkill /F /PID

7028

Step 4:

Copy the opencart folder downloaded at step 1 to location below.C:\XAMMP\htdocs

Step 5:

After copy , rename the file as open cart
To rename the files, go to ->

C:\xampp\htdocs\opencart\uploadconfig-dist.php ->

rename as -> config.php

Then,
Go to ->

C:\xampp\htdocs\opencart\upload\admin

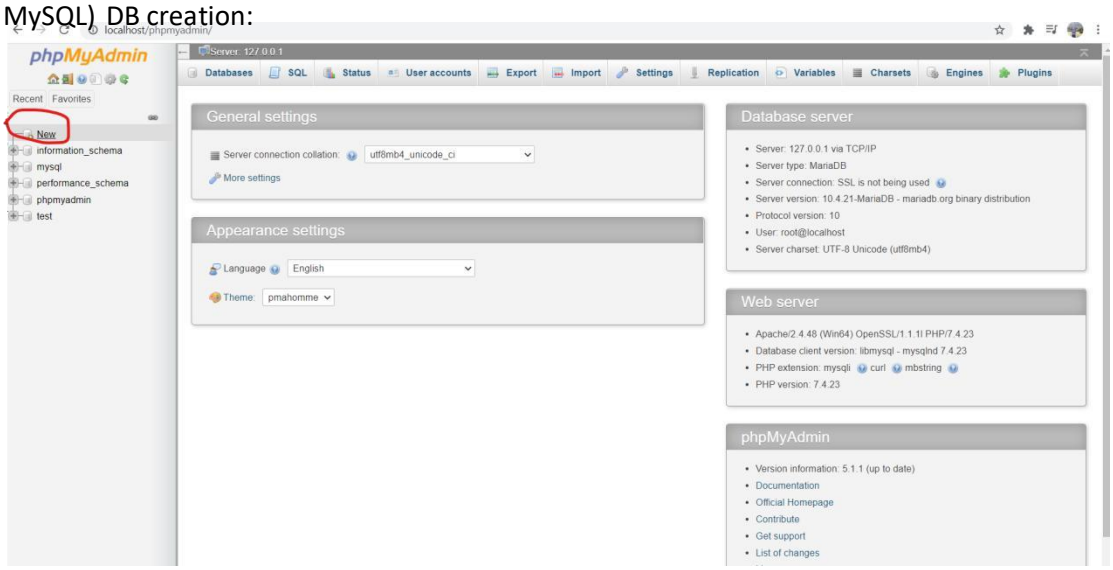
config-dist.php -> rename as -> config.php

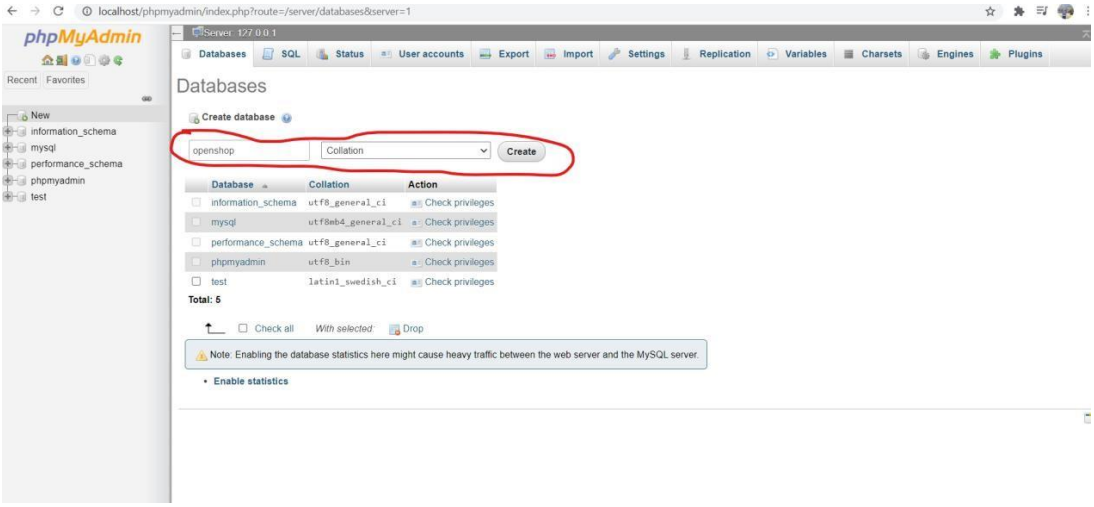
Step 6:

Connect to the DB console and create DB.

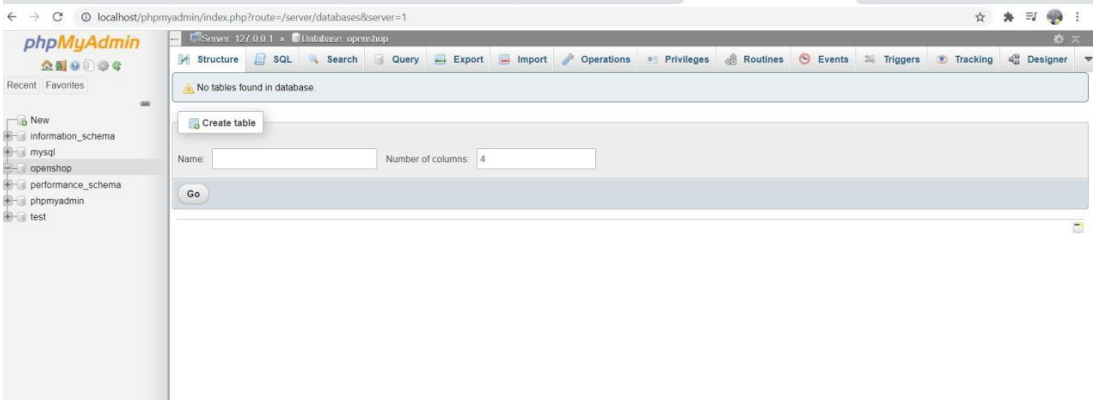
DB access URL -> http://localhost/phpmyadmin/

Create new databse ‘openshop’ (Refer the screenshots below to create new databse in MySQL) DB creation:



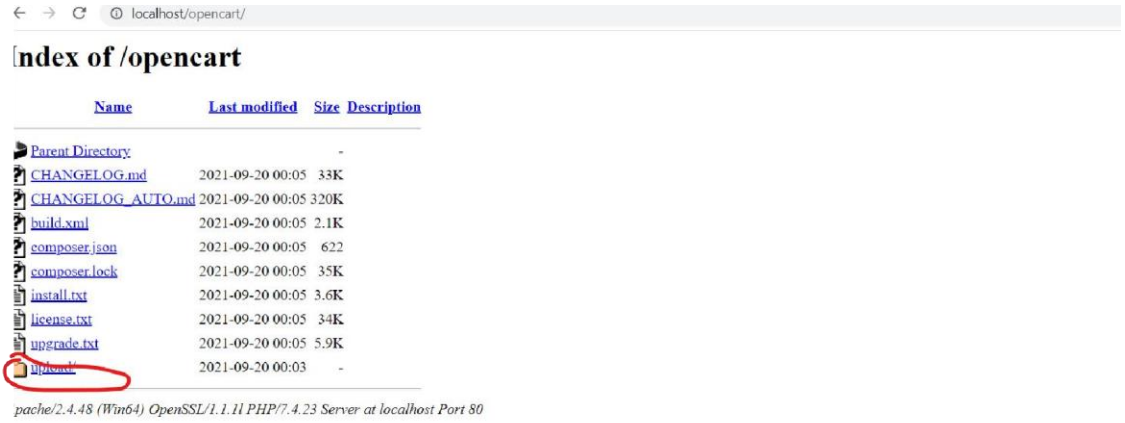


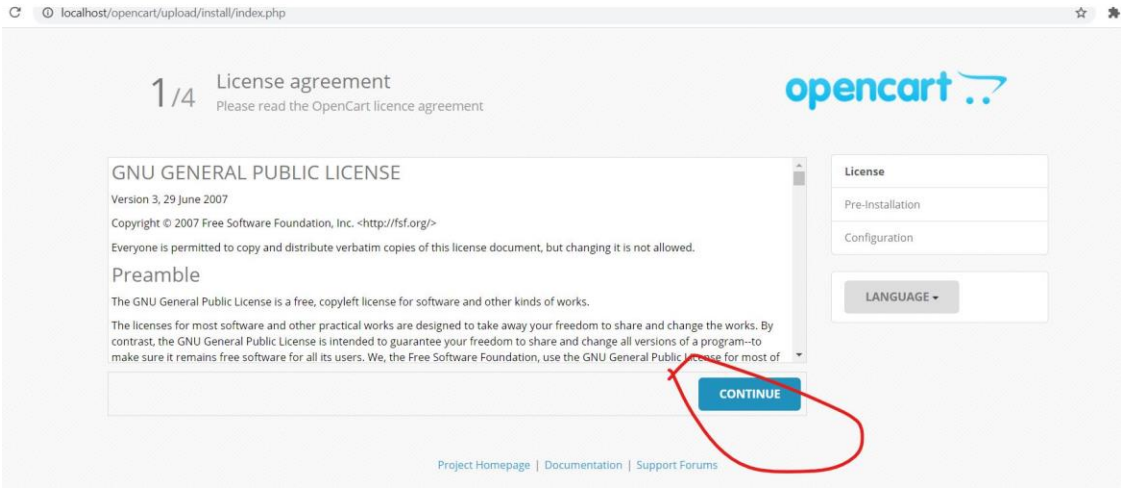
Click Create



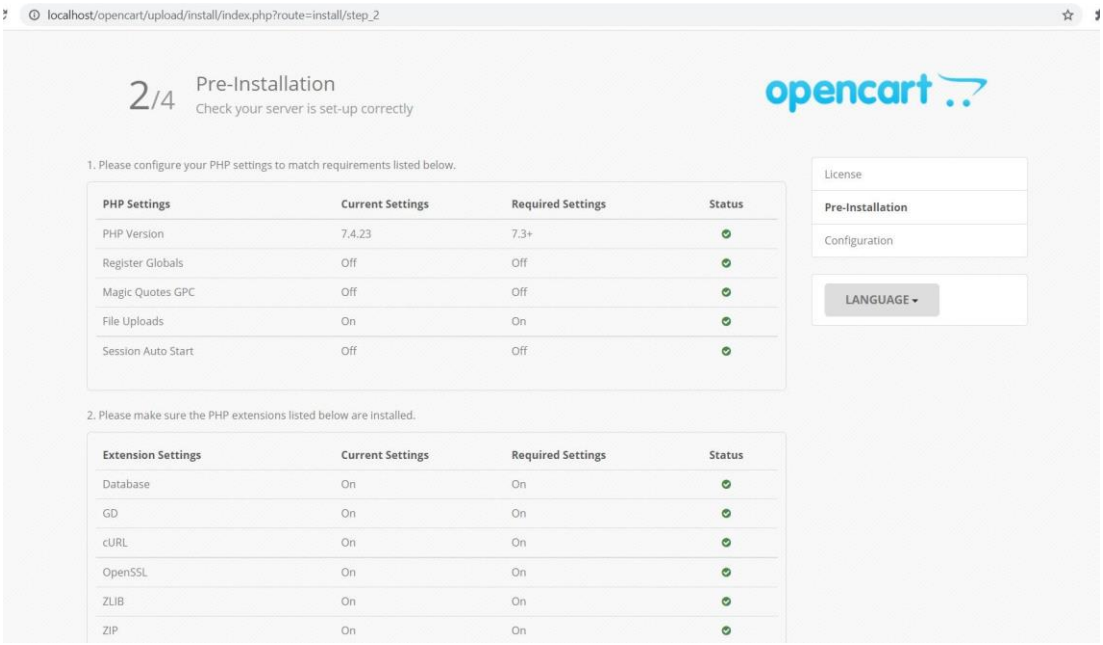
Step 7:

Open the site:
http://localhost/opencart
Click on upload

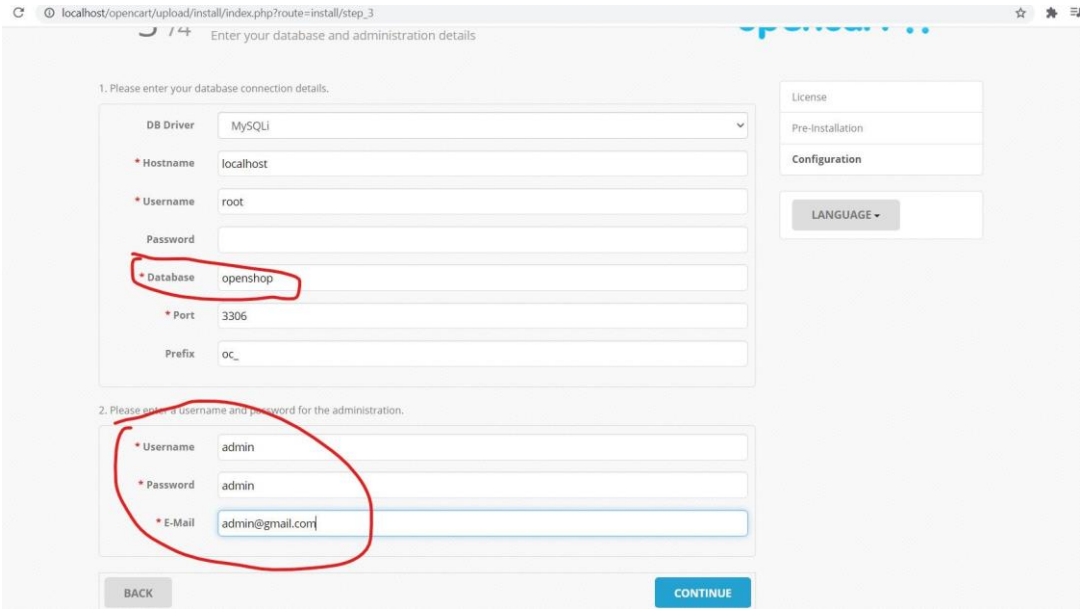


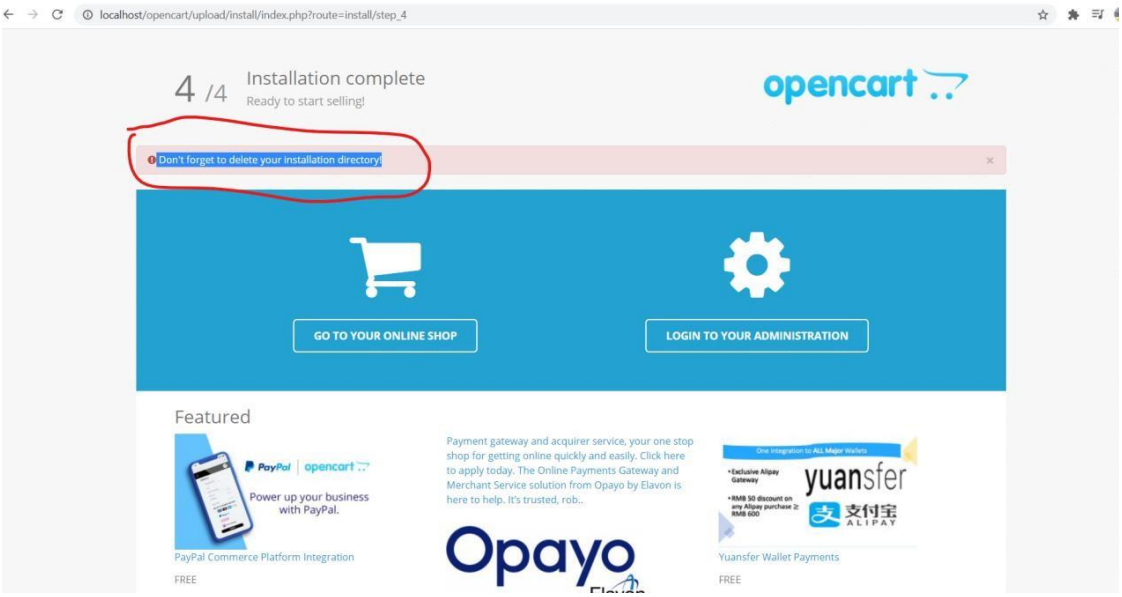


All status should be in Green mark in the below screen.



Click Continue at Bottom





Step 8:

Go to the installation location and delete the **install** folder

Step 9:

Front Application can be accessed using URL : http://localhost/opencart/upload/

To access database tables use URL : http://localhost/phpmyadmin/

Step 10:

To access backend admin application below URL can be usedhttp://localhost/opencart/upload/admin/
(id-admin, pwd-admin)