

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 host is 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

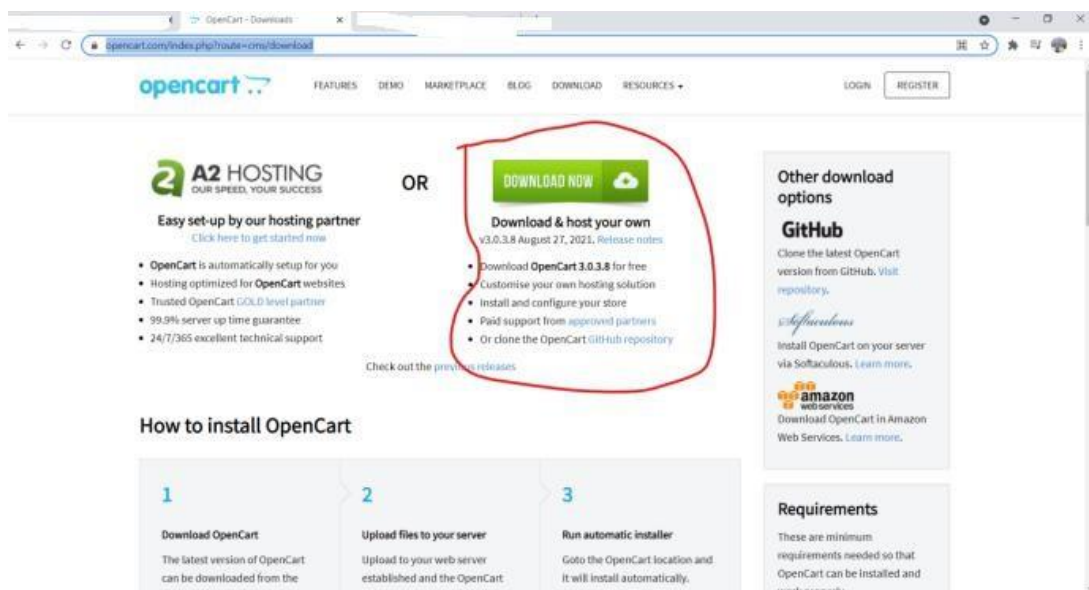
We will use XAMPP as it will contain MySQL Database, Apache web server

& PHP. Steps for test environment setup:

Step 1:

Download opencart -

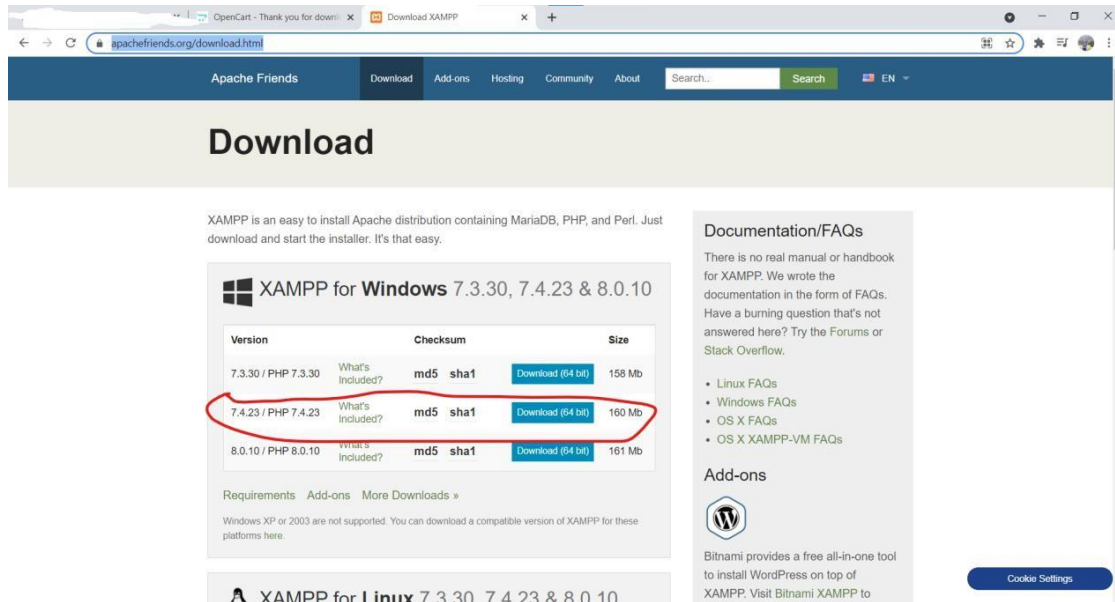
<https://www.opencart.com/index.php?route=cms/download>



Step 2:

Download XAMMP for Apache, MySQL and php installation

<https://www.apachefriends.org/download.html>



XAMPP is an easy to install Apache distribution containing MariaDB, PHP, and Perl. Just download and start the installer. It's that easy.

Download

XAMPP for Windows 7.3.30, 7.4.23 & 8.0.10

Version	Checksum	Size
7.3.30 / PHP 7.3.30	md5 sha1	158 Mb
7.4.23 / PHP 7.4.23	md5 sha1	160 Mb
8.0.10 / PHP 8.0.10	md5 sha1	161 Mb

What's Included?

Requirements Add-ons More Downloads »

Windows XP or 2003 are not supported. You can download a compatible version of XAMPP for these platforms here.

Documentation/FAQs

There is no real manual or handbook for XAMPP. We wrote the documentation in the form of FAQs. Have a burning question that's not answered here? Try the Forums or Stack Overflow.

- Linux FAQs
- Windows FAQs
- OS X FAQs
- OS X XAMPP-VM FAQs

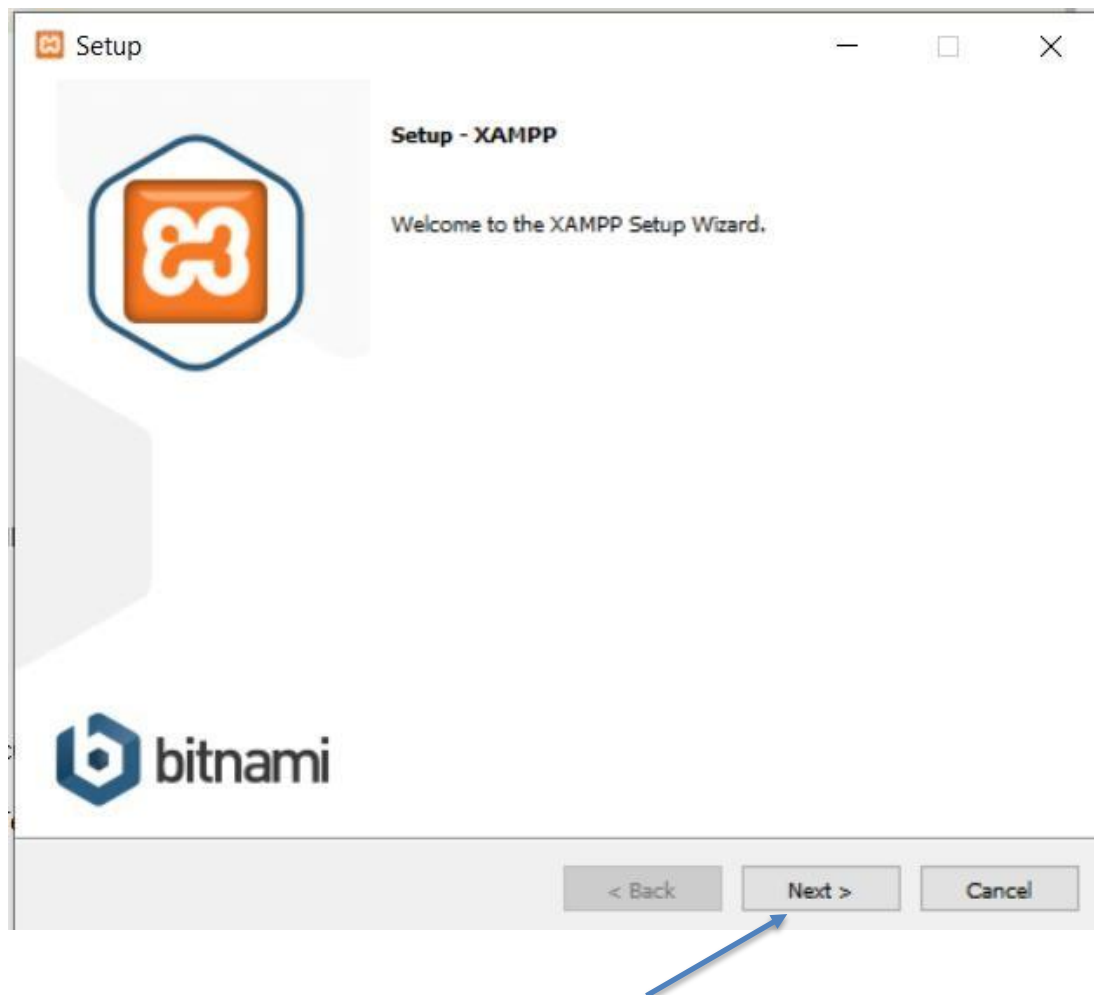
Add-ons

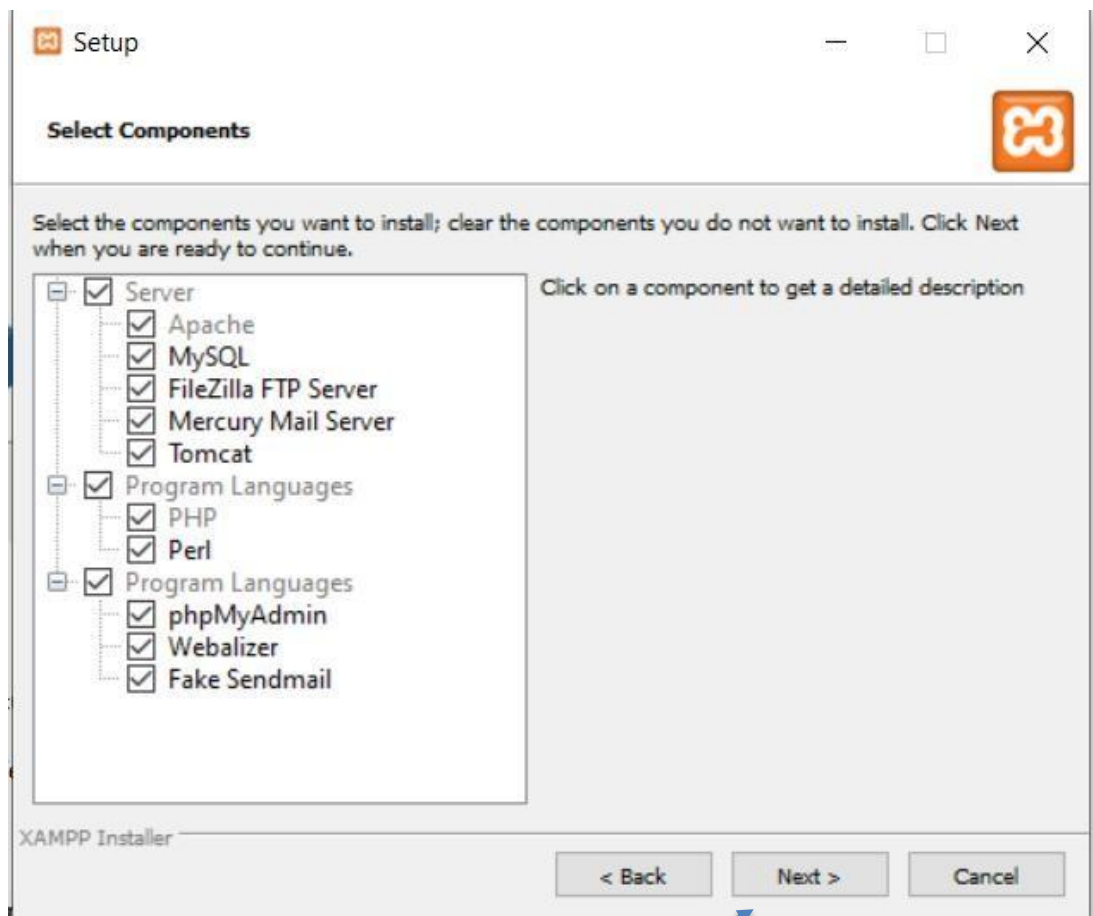
Bitnami provides a free all-in-one tool to install WordPress on top of XAMPP. Visit Bitnami XAMPP to

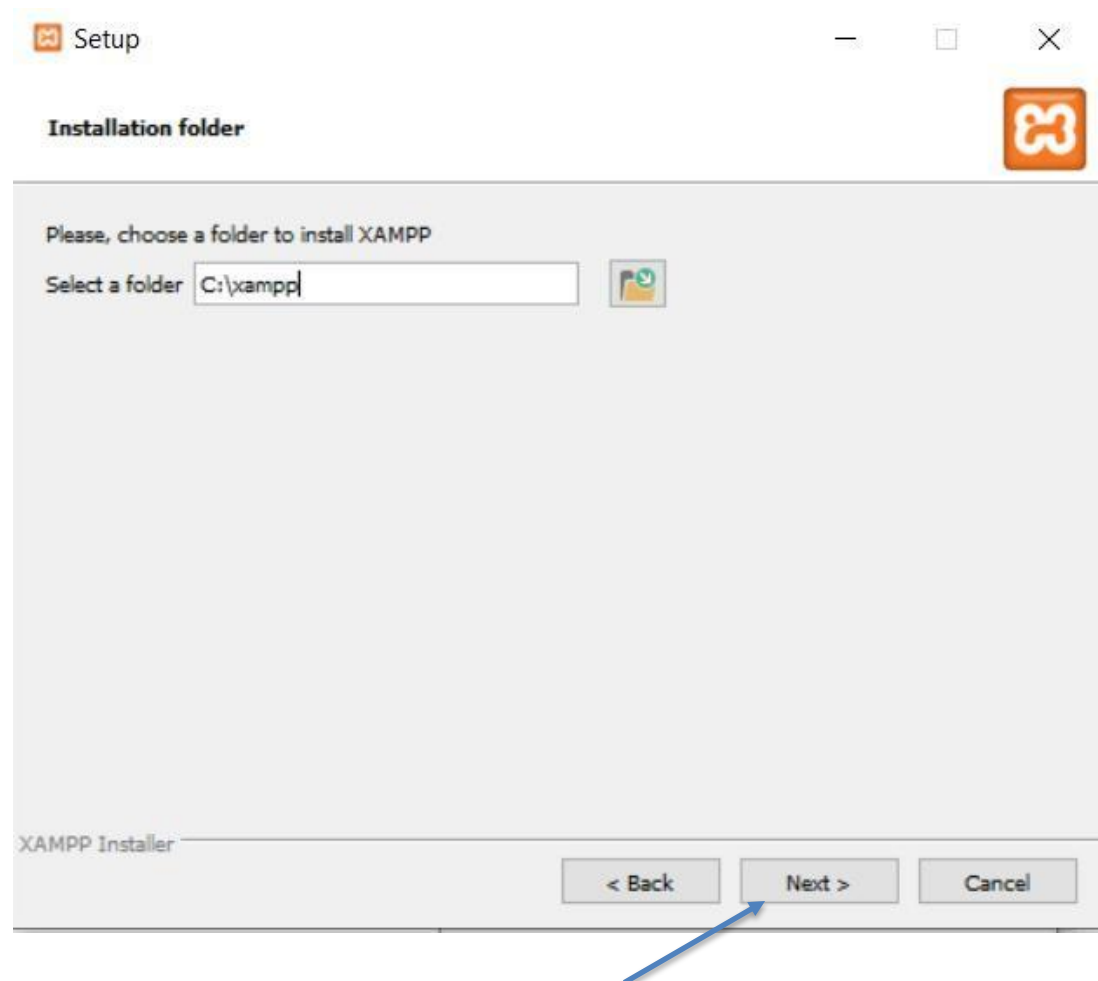
Cookie Settings

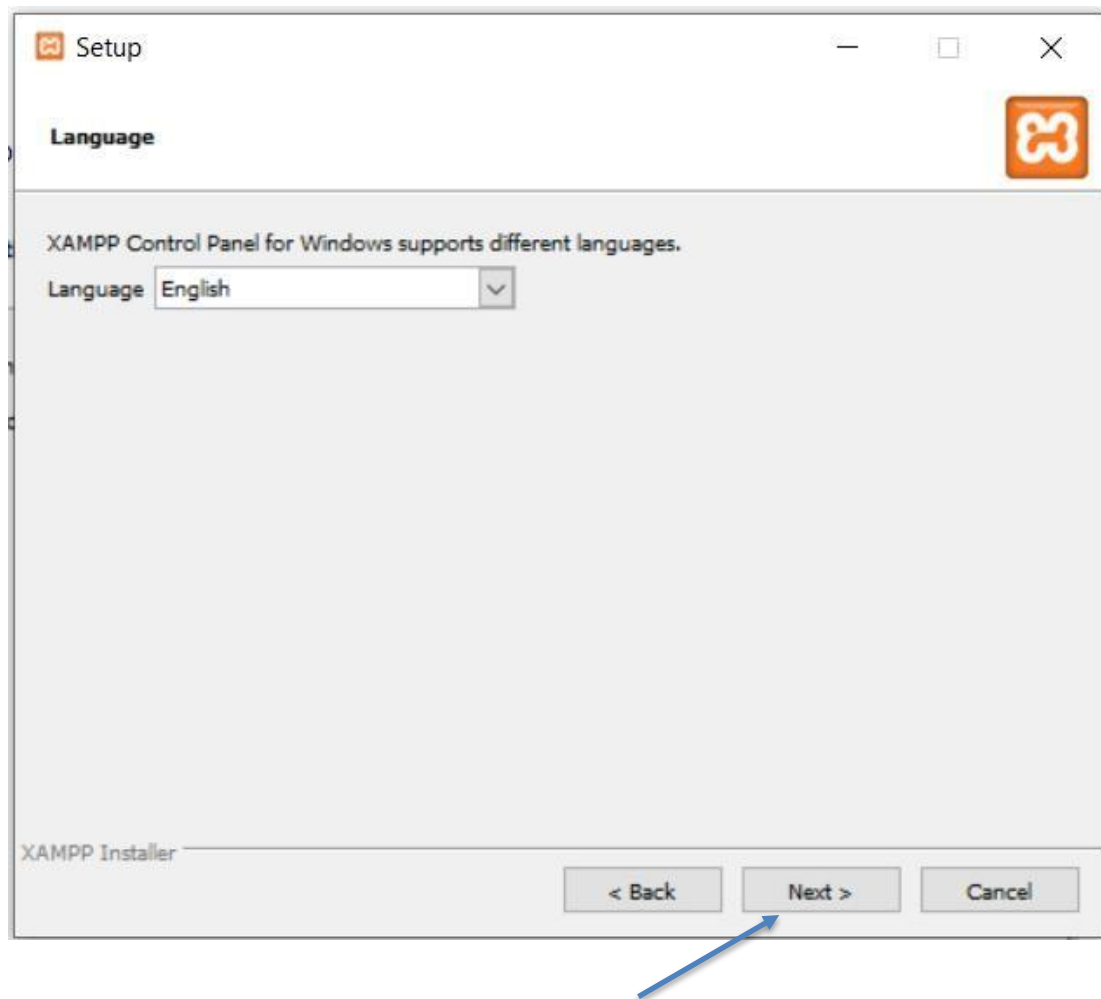
Step 3:

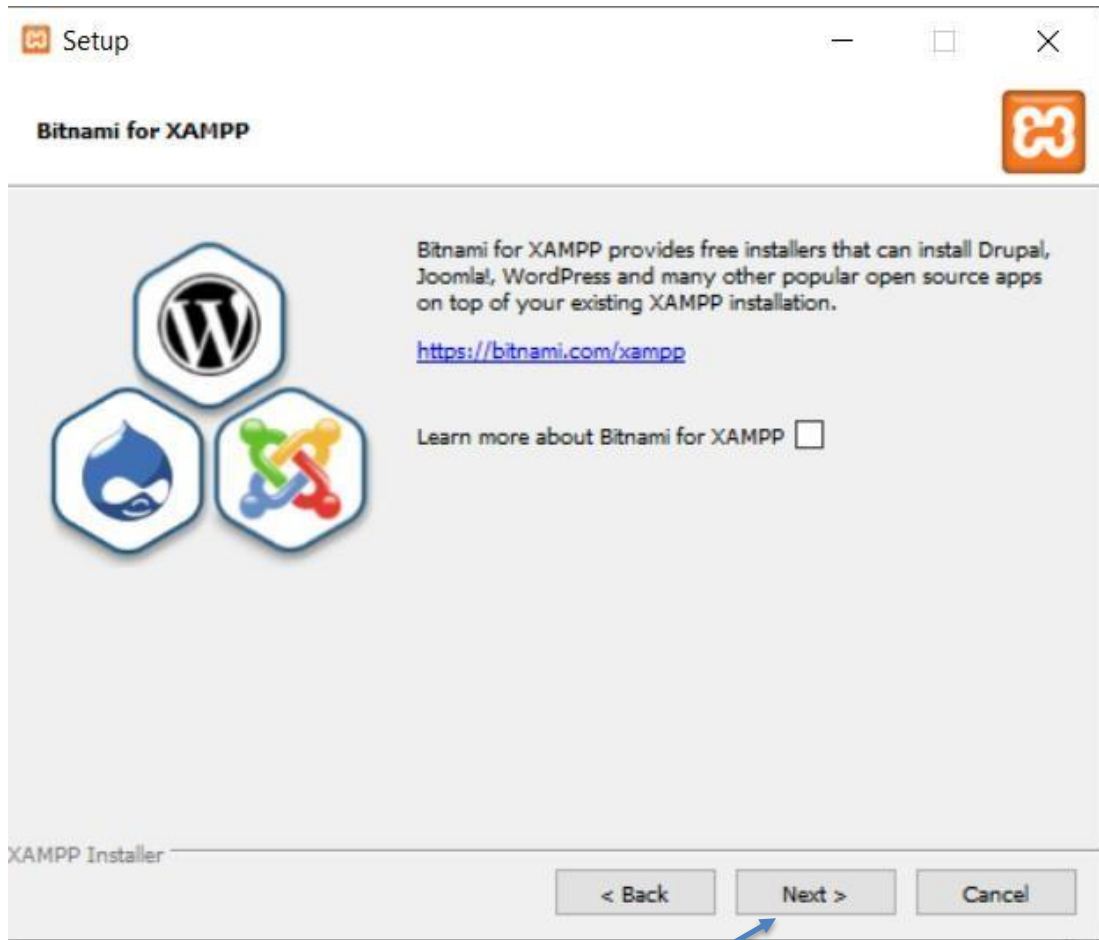
Install XAMPP

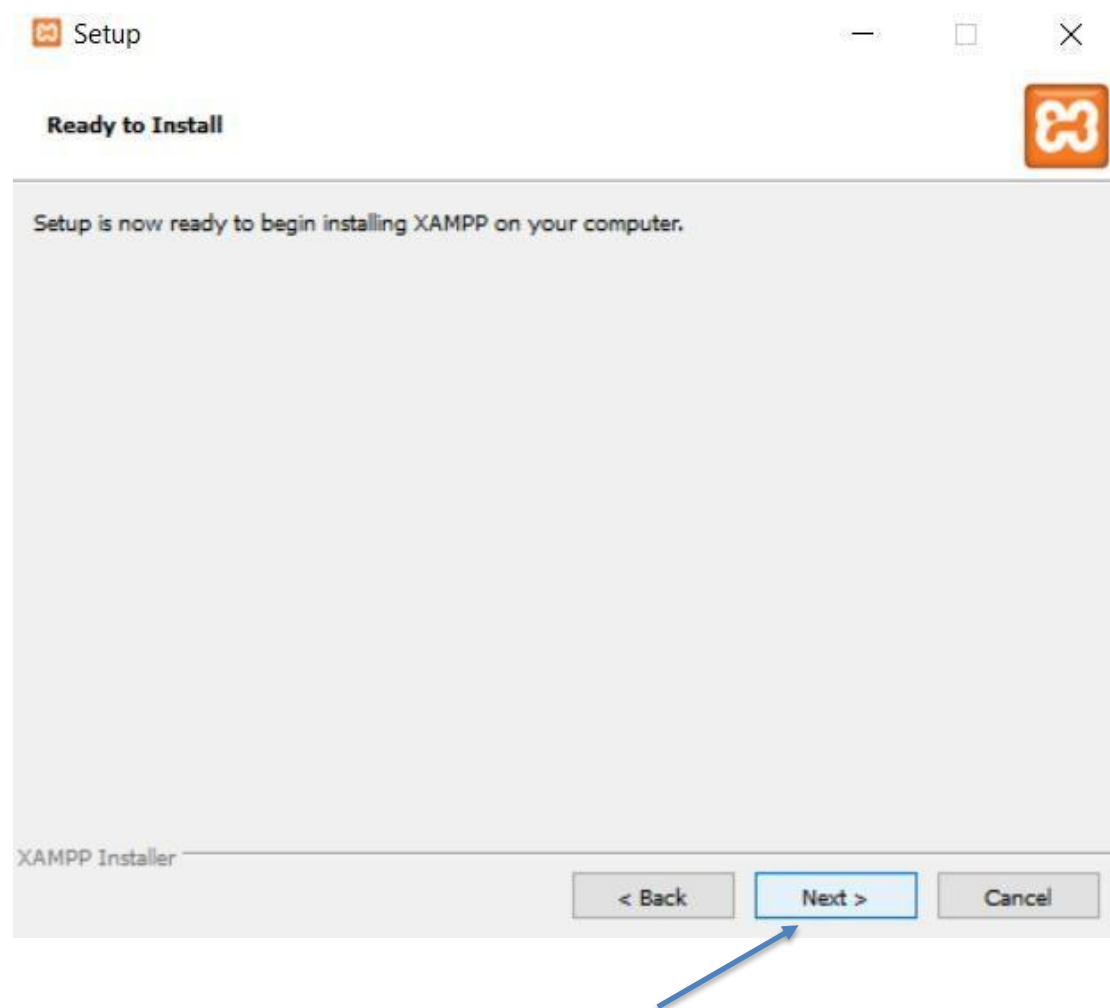


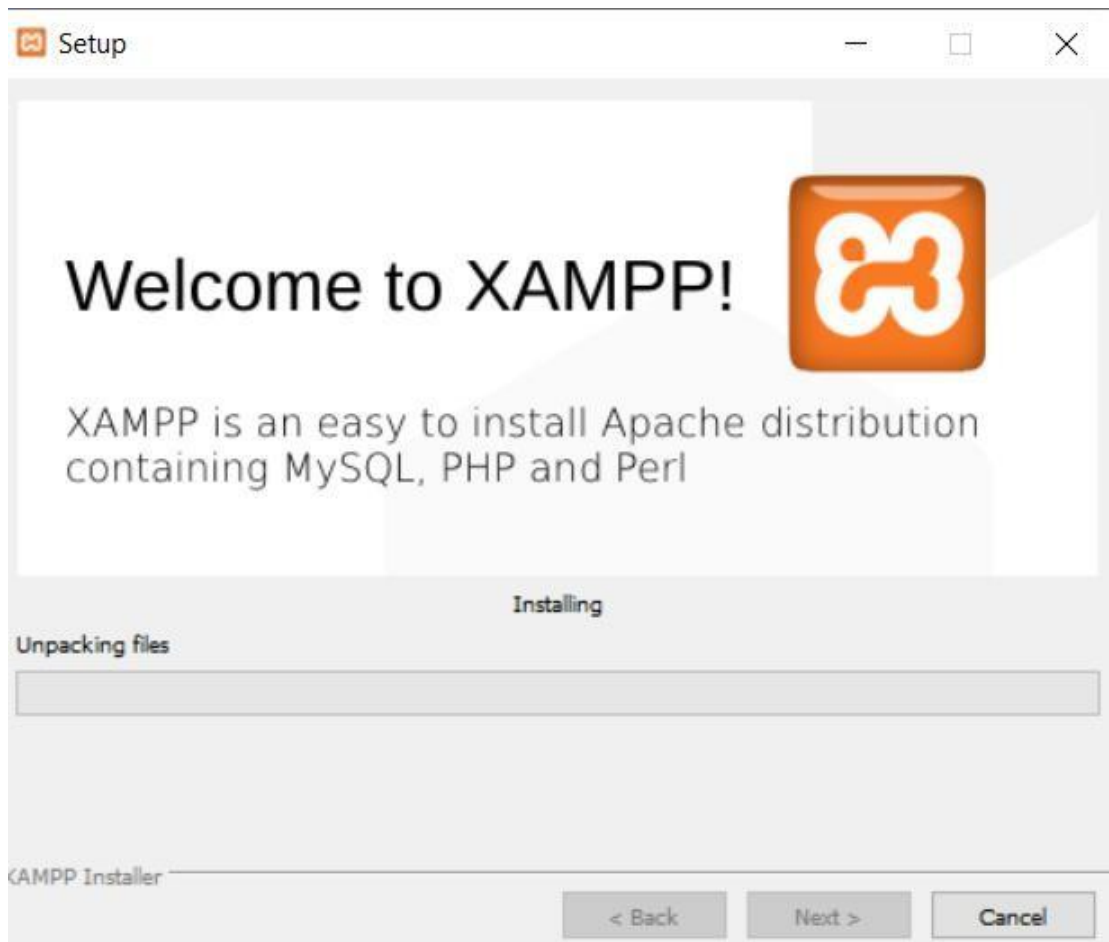












Troubleshooting notes:

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

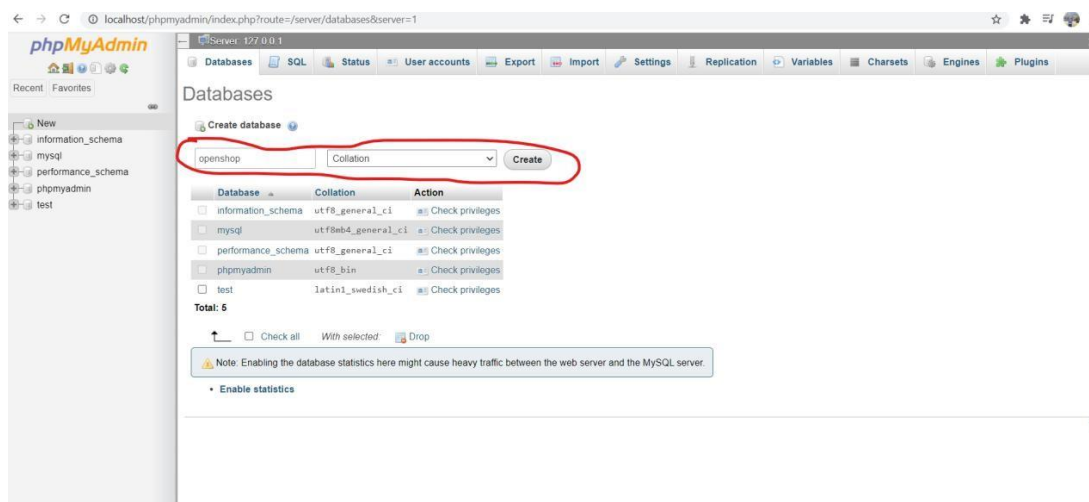
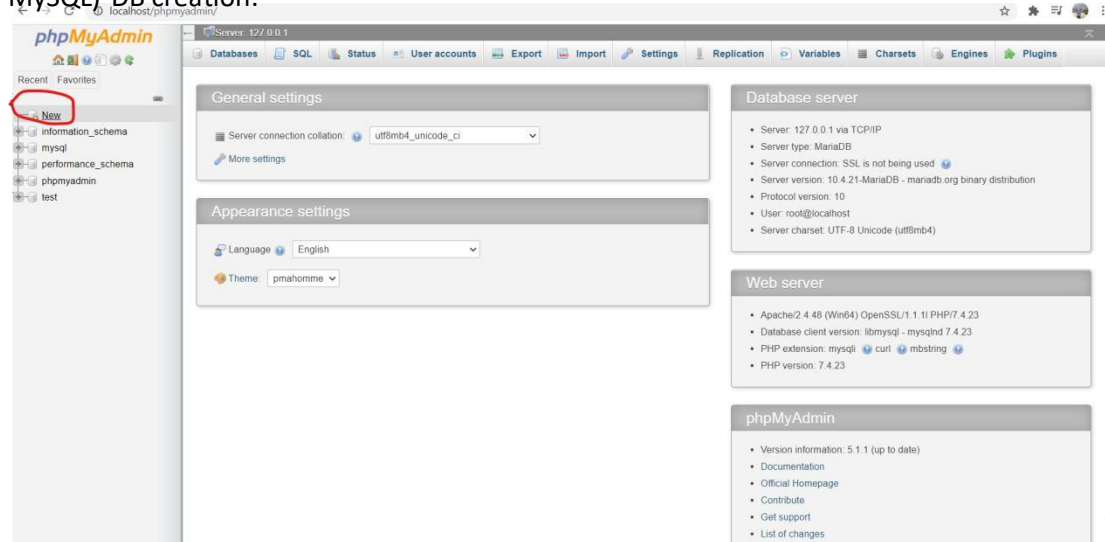
Step 6:

Connect to the DB console and create DB.

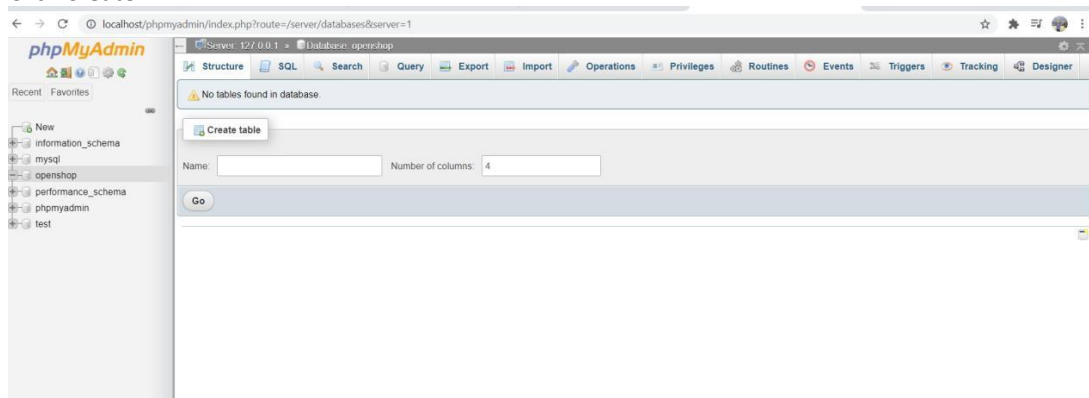
DB access URL -> <http://localhost/phpmyadmin/>

Create new database 'openshop' (Refer the screenshots below to create new database in

MySQL) DB creation:



Click Create



Step 7:

Open the site:

<http://localhost/opencart>

Click on upload

Name	Last modified	Size	Description
Parent Directory		-	
CHANGELOG.md	2021-09-20 00:05	33K	
CHANGELOG_AUTO.md	2021-09-20 00:05	320K	
build.xml	2021-09-20 00:05	2.1K	
composer.json	2021-09-20 00:05	622	
composer.lock	2021-09-20 00:05	35K	
install.txt	2021-09-20 00:05	3.6K	
license.txt	2021-09-20 00:05	34K	
upgrade.txt	2021-09-20 00:05	5.9K	
upload	2021-09-20 00:03	-	

apache/2.4.48 (Win64) OpenSSL/1.1.1l PHP/7.4.23 Server at localhost Port 80

1/4 License agreement
Please read the OpenCart licence agreement

opencart

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007
Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble
The GNU General Public License is a free, copyleft license for software and other kinds of works.
The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program—to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of

License
Pre-Installation
Configuration

LANGUAGE ▾

CONTINUE

[Project Homepage](#) | [Documentation](#) | [Support Forums](#)

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

localhost/opencart/upload/install/index.php?route=install/step_2

2/4 Pre-Installation

Check your server is set-up correctly

opencart

1. Please configure your PHP settings to match requirements listed below.

PHP Settings	Current Settings	Required Settings	Status
PHP Version	7.4.23	7.3+	✓
Register Globals	Off	Off	✓
Magic Quotes GPC	Off	Off	✓
File Uploads	On	On	✓
Session Auto Start	Off	Off	✓

2. Please make sure the PHP extensions listed below are installed.

Extension Settings	Current Settings	Required Settings	Status
Database	On	On	✓
GD	On	On	✓
cURL	On	On	✓
OpenSSL	On	On	✓
ZLIB	On	On	✓
ZIP	On	On	✓

License

Pre-Installation

Configuration

LANGUAGE ▾

Click Continue at Bottom

localhost/opencart/upload/install/index.php?route=install/step_3

Enter your database and administration details

1. Please enter your database connection details.

DB Driver: MySQL

* Hostname: localhost

* Username: root

Password:

* Database: openshop

* Port: 3306

Prefix: OC_

License

Pre-Installation

Configuration

LANGUAGE ▾

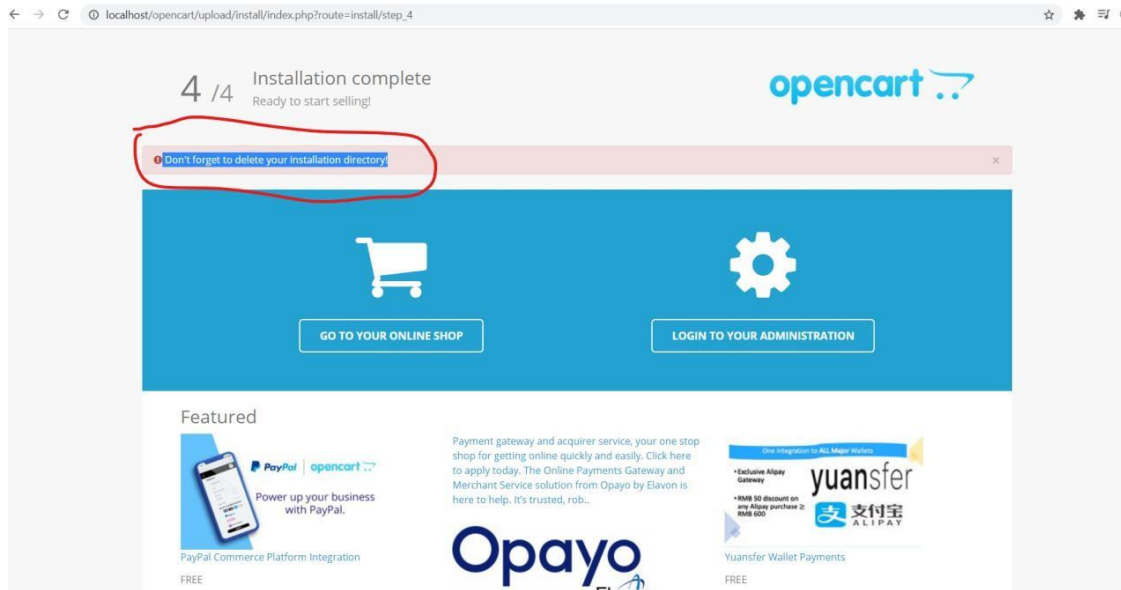
2. Please enter a username and password for the administration.

* Username: admin

* Password: admin

* E-Mail: admin@gmail.com

BACK CONTINUE



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 used <http://localhost/opencart/upload/admin/>
(id-admin, pwd-admin)