

# Test Environment Setup

Purpose	Provide steps for test environment setup at localhost for Opencart application testing. Purpose of deploying the application in local host for is that we can complete access to database tables and we can also test without internet connection. If we directly test "https://demo.opencart.com/", We will not have access to database and we need internet connection throughout testing.
Created by	Vishwa
Operating System	Windows 10
Date	dd-Mmm-yy

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

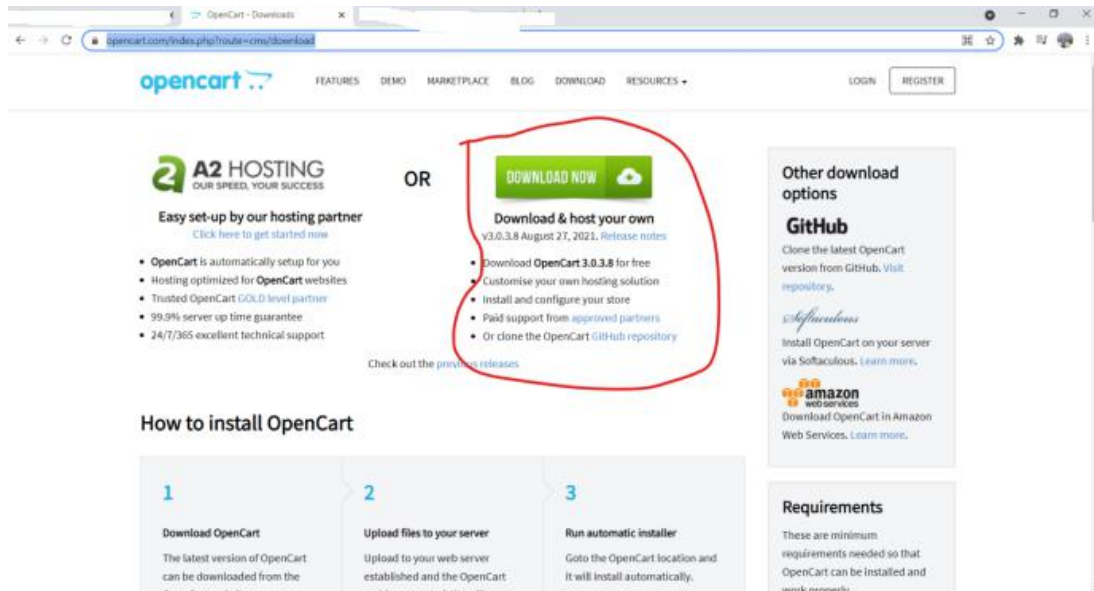
- My SQL Database
- Apache Web Server & PHP

We will use XAMMP 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>

Apache Friends

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## Download

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

**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

Download (64 bit)

Requirements Add-ons More Downloads »

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

**XAMPP for Linux 7.3.30, 7.4.23 & 8.0.10**

**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

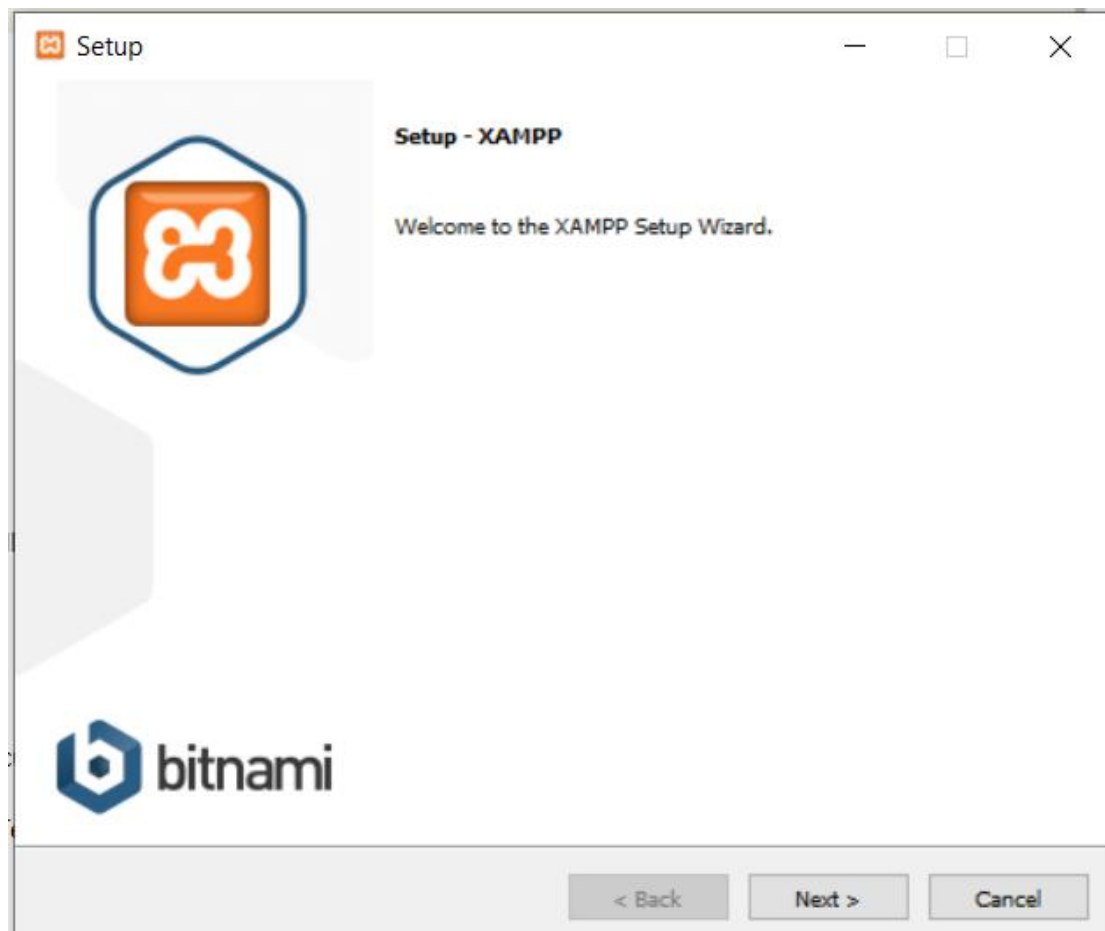
**Add-ons**

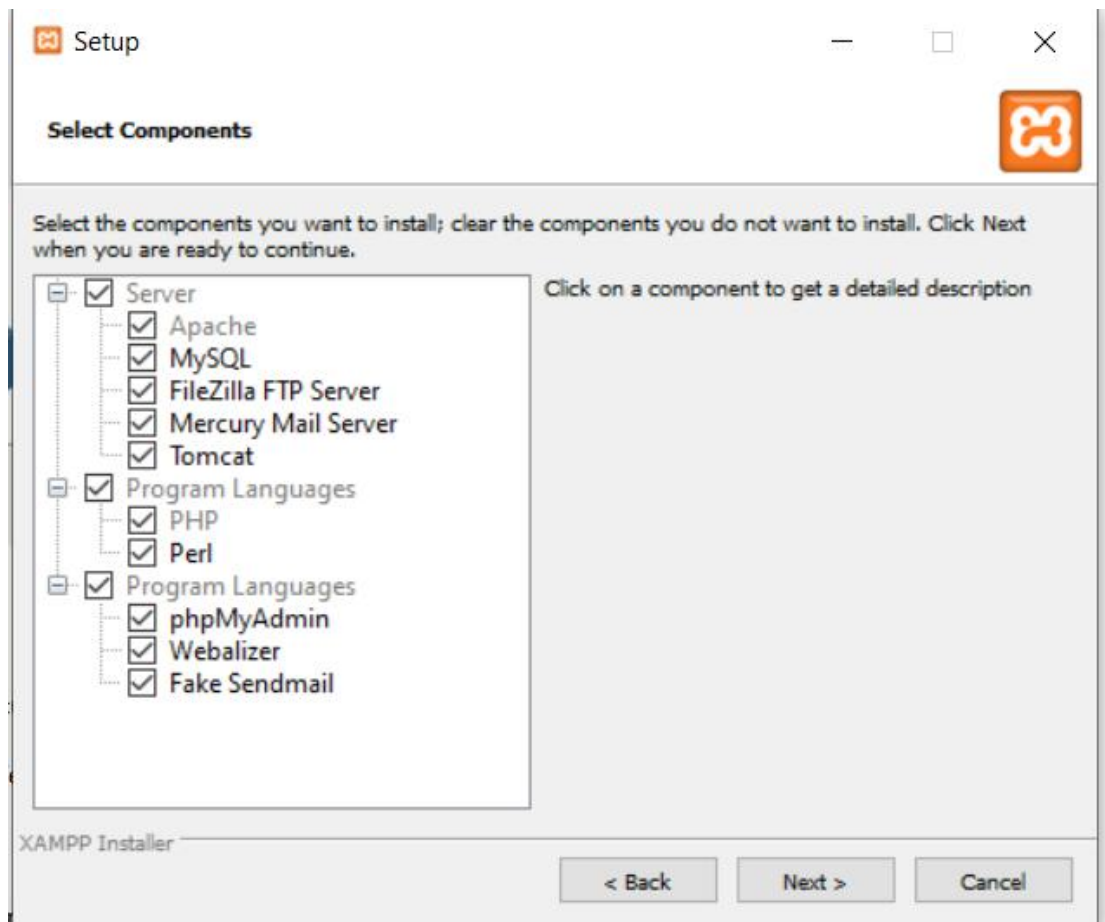
Bitnami provides a free all-in-one tool to install WordPress on top of XAMPP. Visit Bitnami XAMPP to

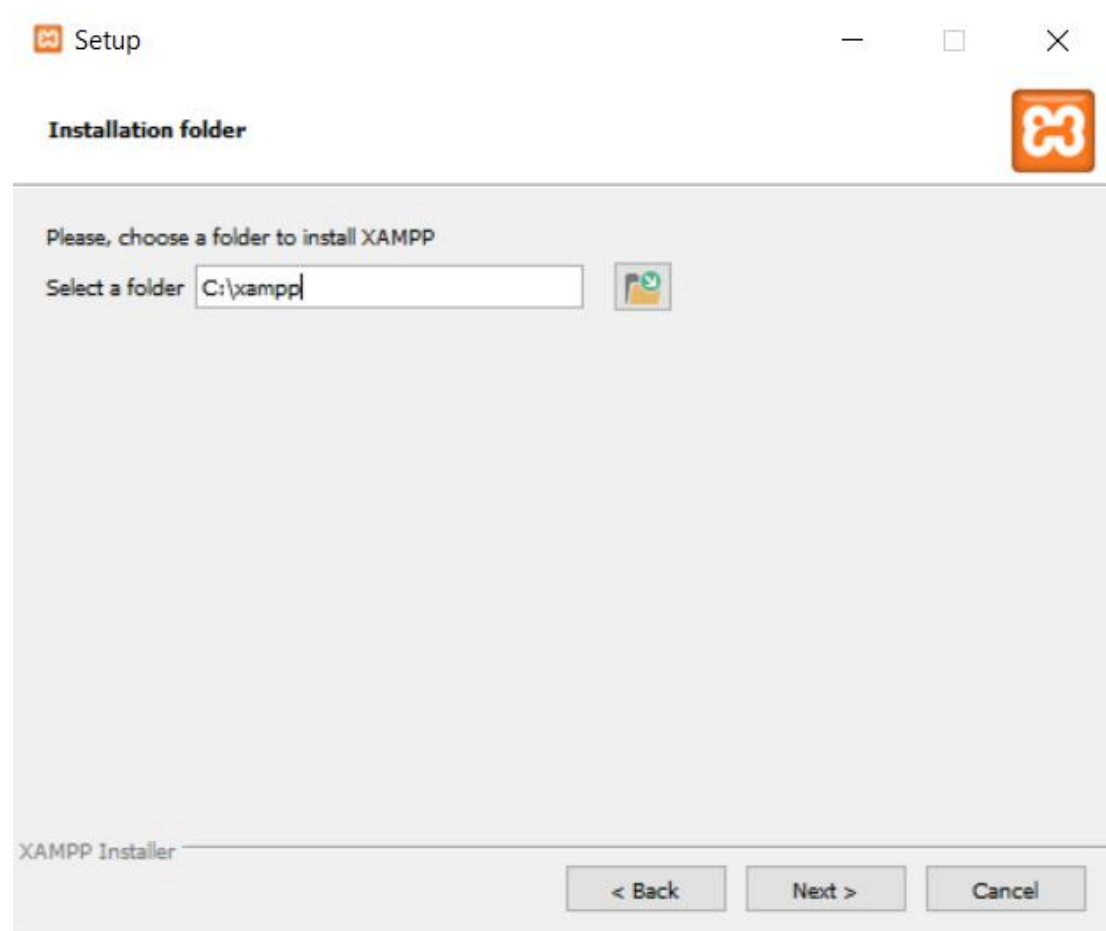
Cookie Settings

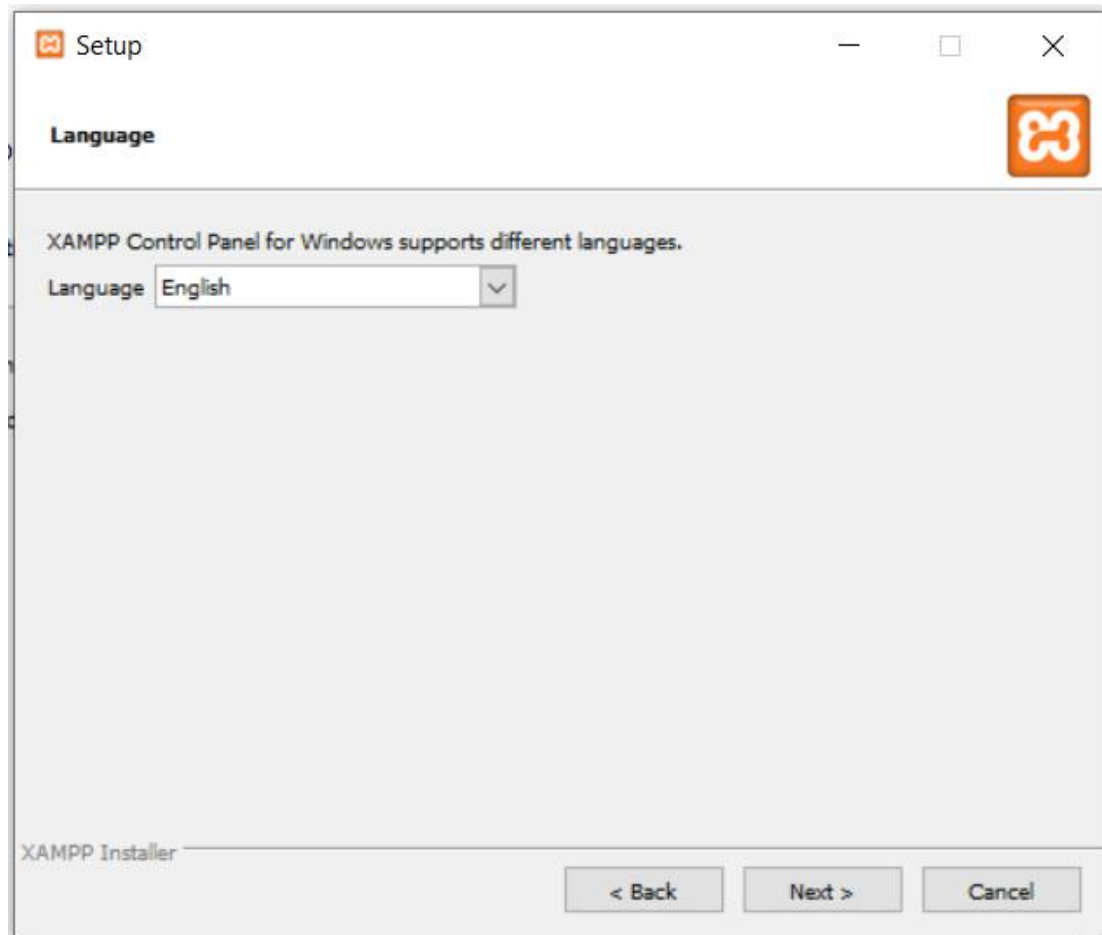
### Step 3:

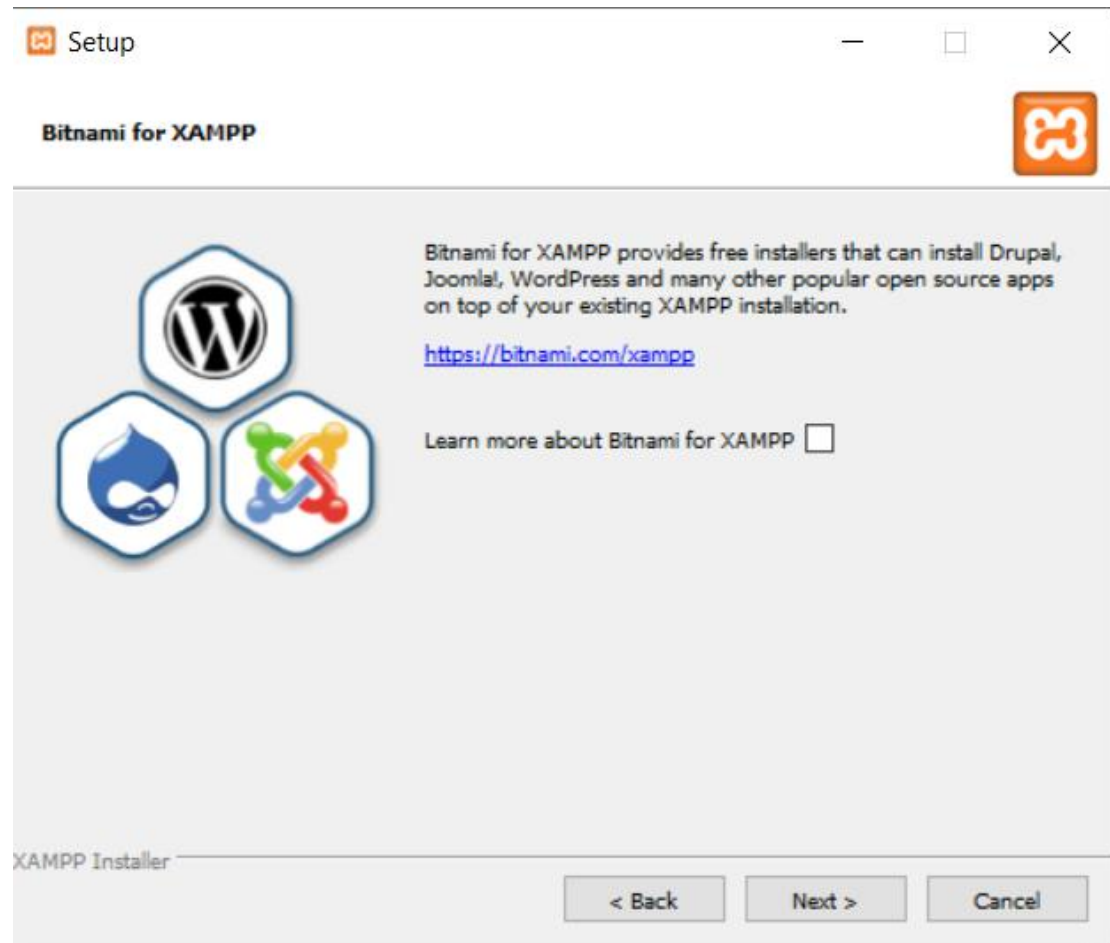
Install XAMPP












 Setup



**Ready to Install**



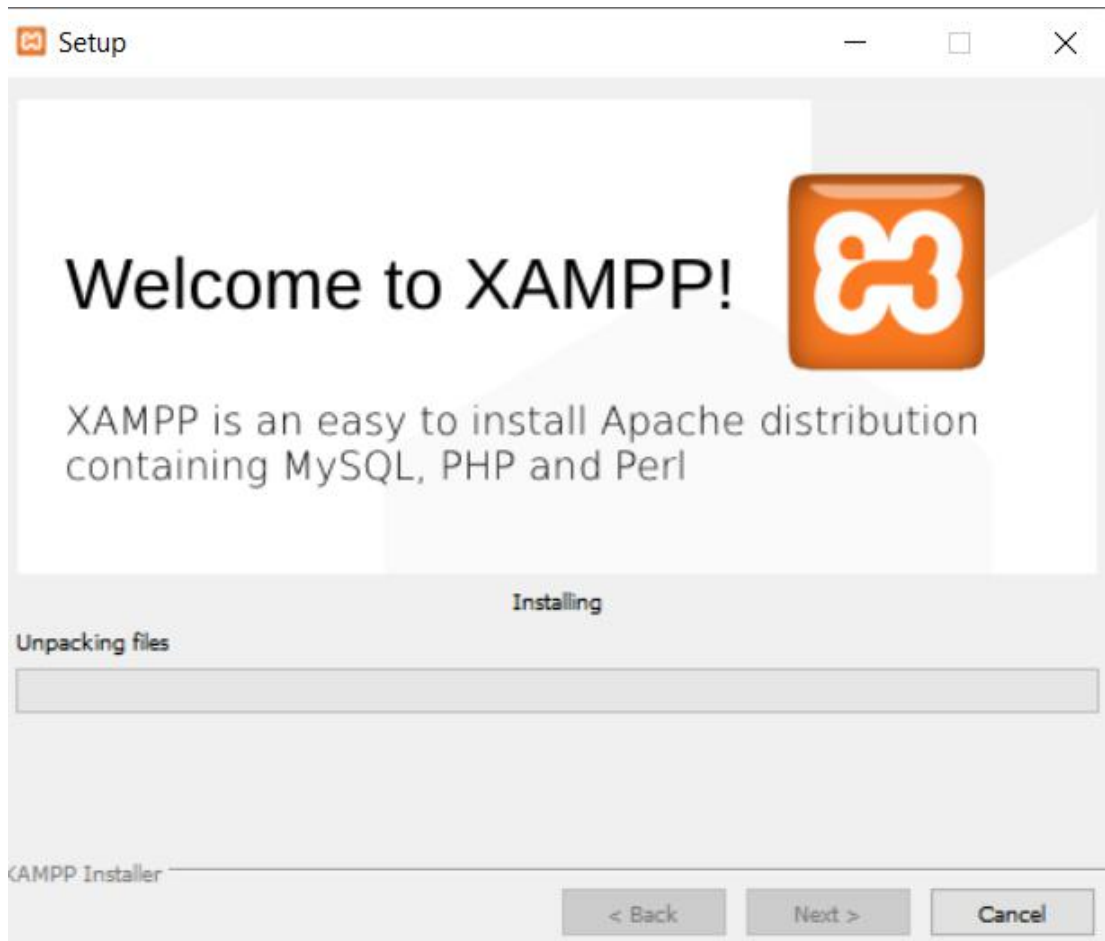
Setup is now ready to begin installing XAMPP on your computer.

XAMPP Installer

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Cancel



Troubleshooting notes:

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

**taskkill /F /PID 7028**

**Step 4:**

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

**Step 5:**

After copy , rename the file as opencart

To rename the files, go to -> C:\xampp\htdocs\opencart\upload

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

Then,

Go to -> C:\xampp\htdocs\opencart\upload\admin

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



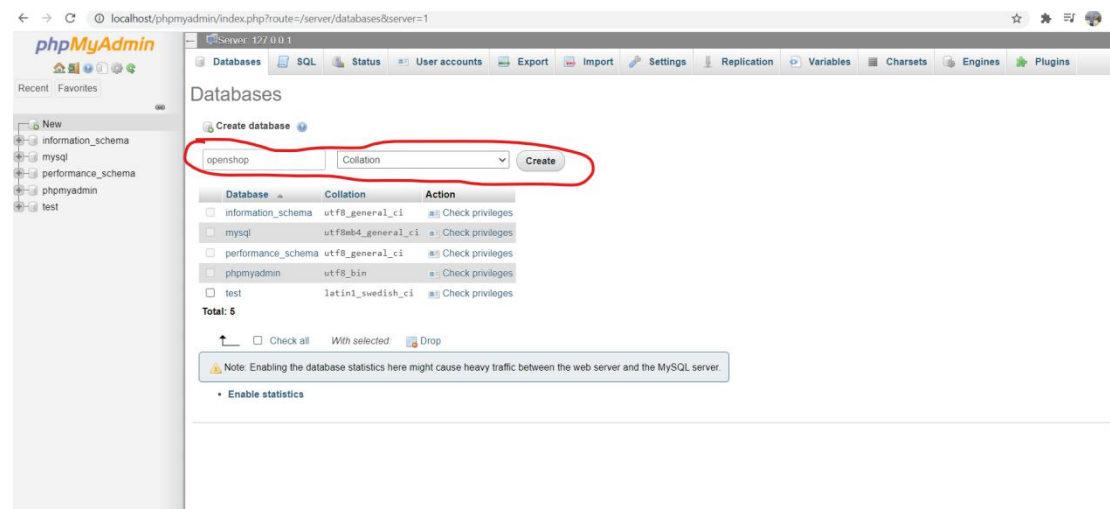
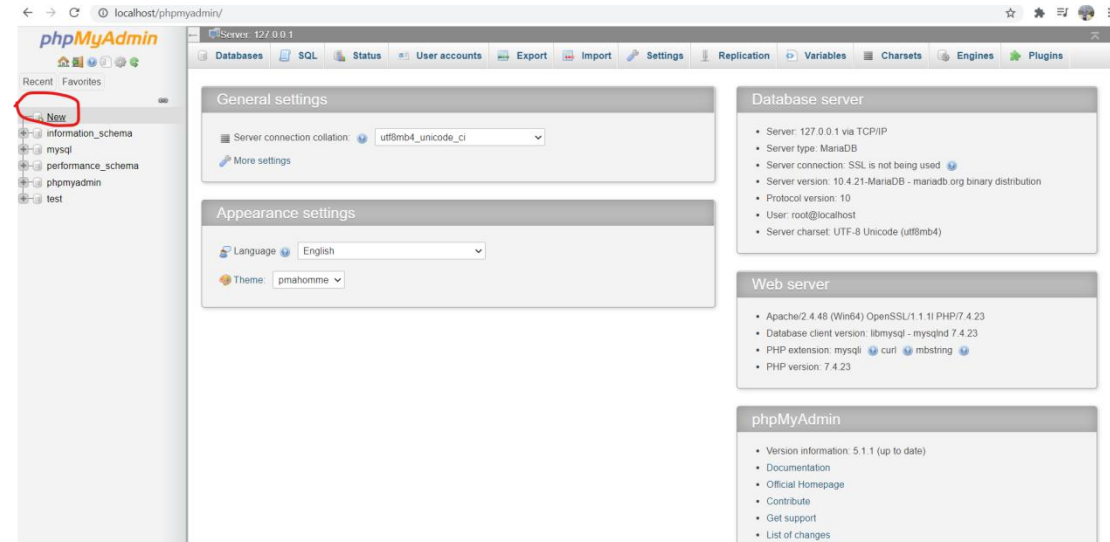
## Step 6:

Connect to the DB console and create DB.

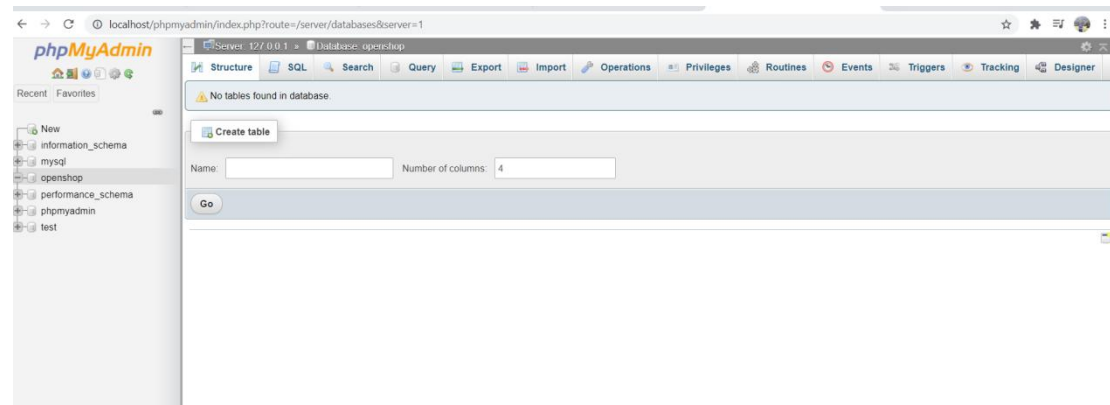
DB access URL -> <http://localhost/phpmyadmin/>

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		-	
<a href="#">CHANGELOG.md</a>	2021-09-20 00:05	33K	
<a href="#">CHANGELOG_AUTO.md</a>	2021-09-20 00:05	320K	
<a href="#">build.xml</a>	2021-09-20 00:05	2.1K	
<a href="#">composer.json</a>	2021-09-20 00:05	622	
<a href="#">composer.lock</a>	2021-09-20 00:05	35K	
<a href="#">install.txt</a>	2021-09-20 00:05	3.6K	
<a href="#">license.txt</a>	2021-09-20 00:05	34K	
<a href="#">upgrade.txt</a>	2021-09-20 00:05	5.9K	
<a href="#">opencart/</a>	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

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Pre-Installation  
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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	✓

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### 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: MySQLi

\* Hostname: localhost

\* Username: root

Password:

\* Database: openshop

\* Port: 3306

Prefix: oc\_

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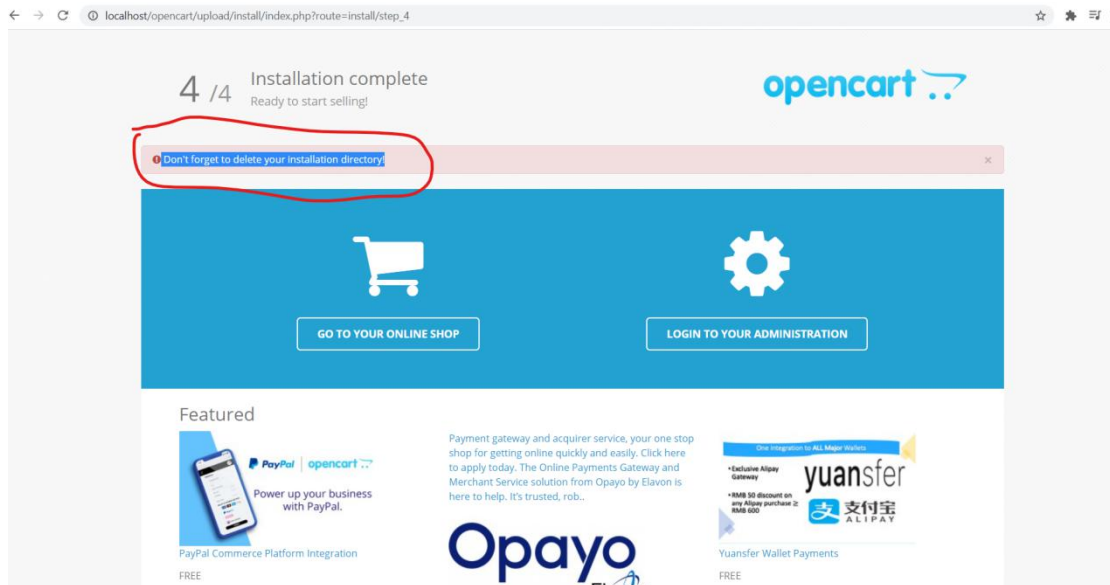
2. Please enter a username and password for the administration.

\* Username: admin

\* Password: admin

\* E-Mail: admin@gmail.com

BACK CONTINUE



### Step 8:

Go to below 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)