

Title: Tech Training

Certificate: Ace of Initiative Program

Presented By
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Business analyst & IT Manger

Why PHP important?

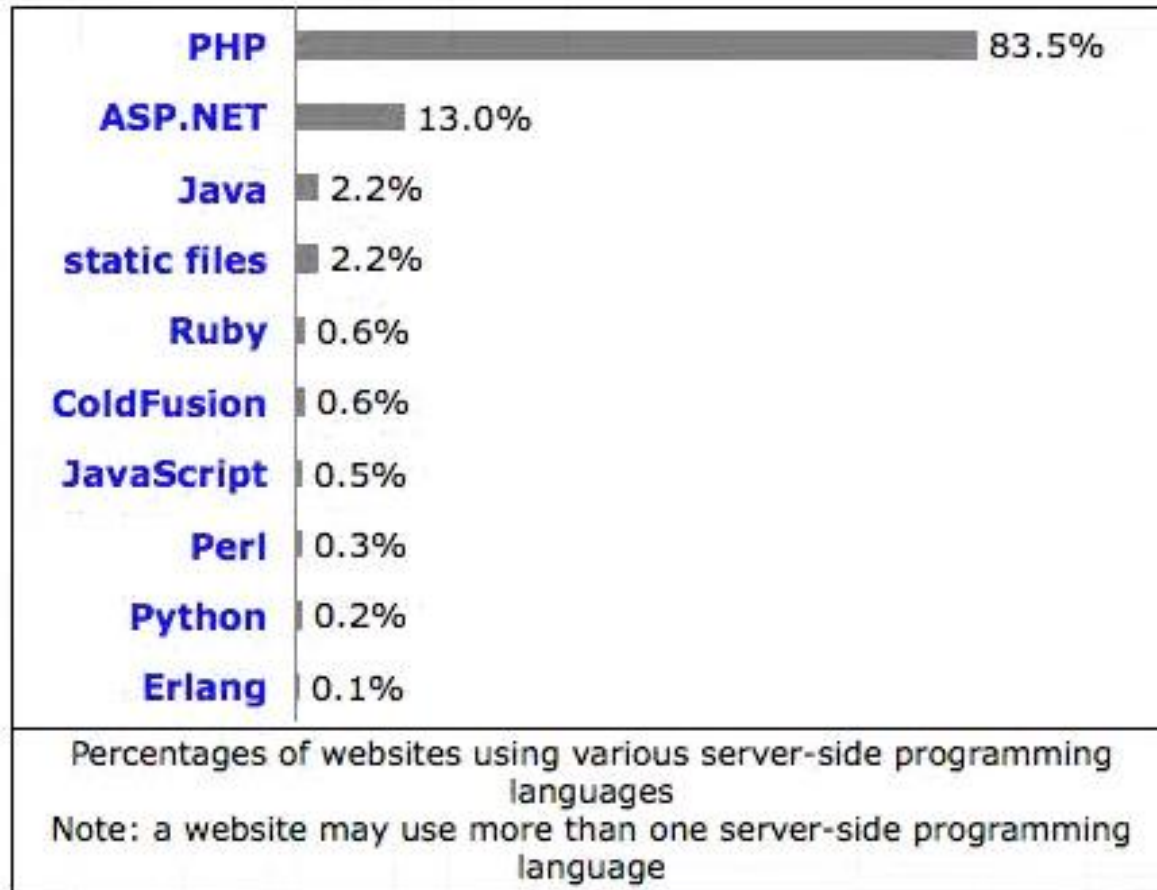
Within 4 to 6 year

- ▶ Every Business will have Website
- ▶ Every Shop Will have online shopping
- ▶ All Data will managed through server and computer. ERP(Enterprise Resource Planning)

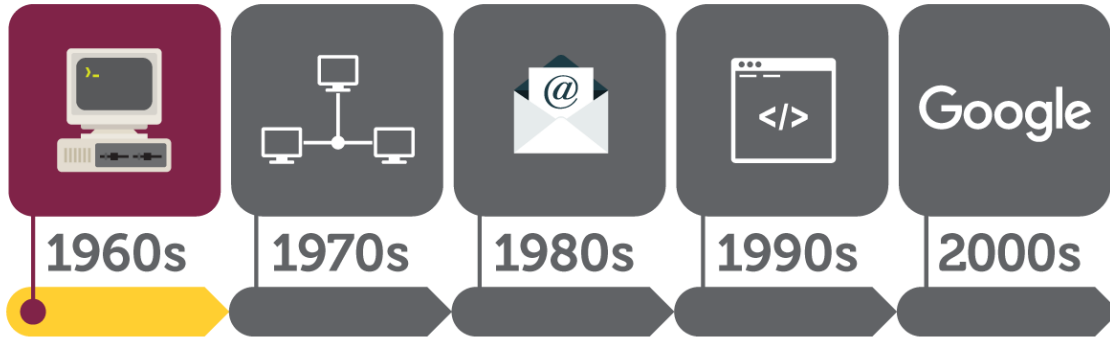
PHP languages playing most important role in this above three main parts of the software world.

There are many scripting web based languages. Within the web technologies PHP is the most using language.

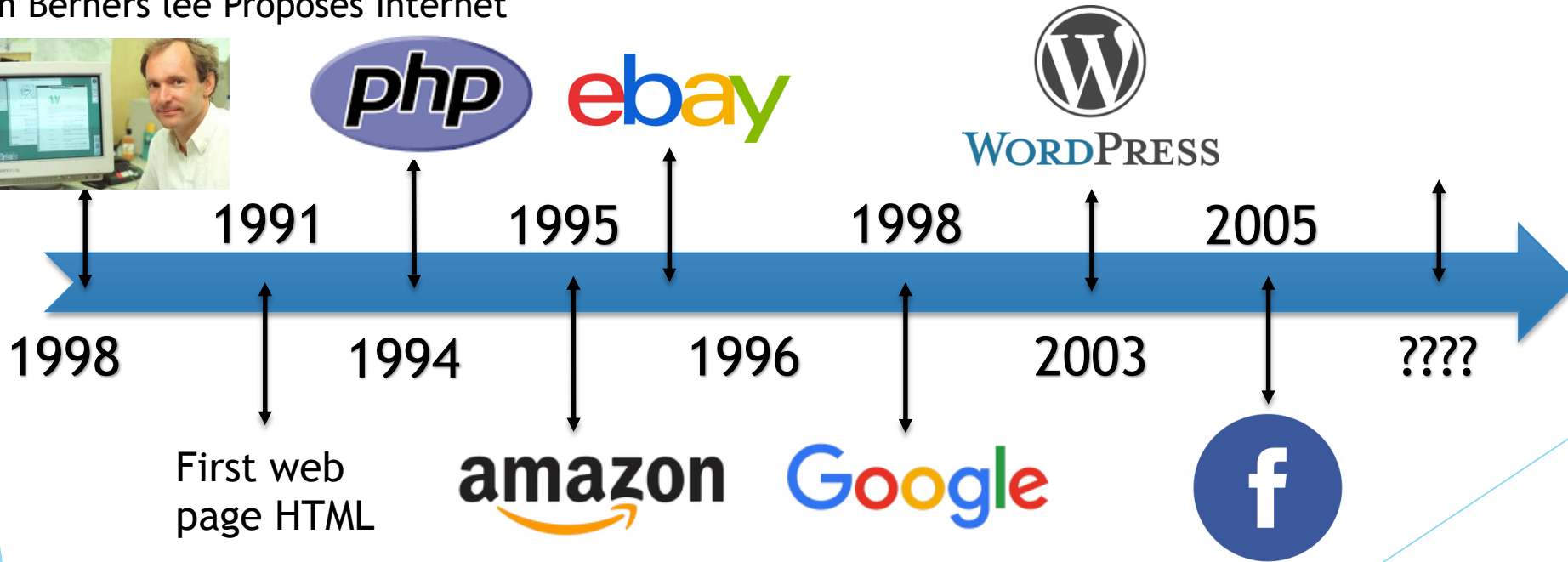
Below is the live data example: w3techs is live domains data mining website.
https://w3techs.com/technologies/overview/programming_language/all



History



Tim Berners lee Proposes Internet



Why PHP is Most Popular?

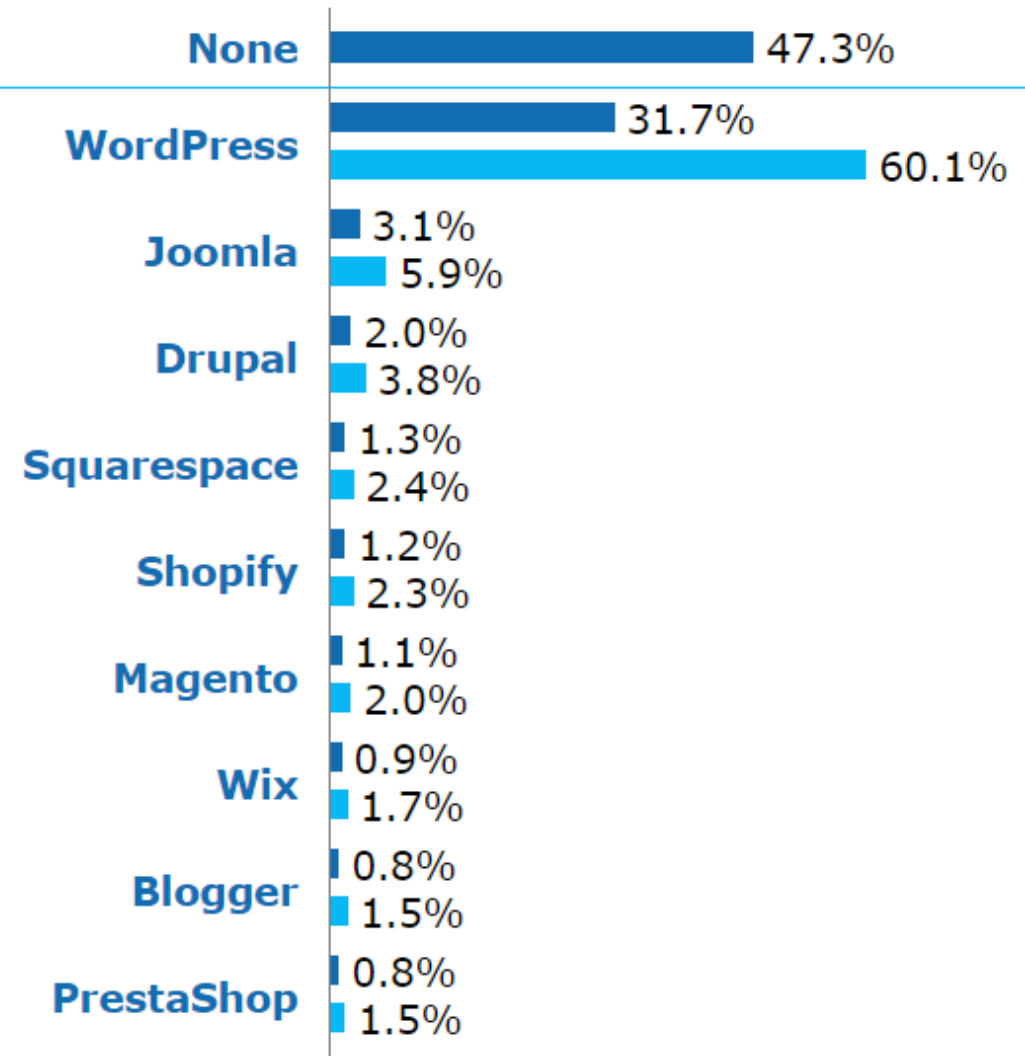
- ▶ Easy to learn
- ▶ Cross Platform
- ▶ Speed
- ▶ Open source and Powerful library support (Wordpress, Magento)
- ▶ Stable (twenty-four years)

w3techs says:

Usage of content management systems for websites

- ▶ 47.3% of the websites use none of the content management systems that we monitor.

WordPress is used by 31.7% of all the websites, that is a content management system market share of 60.1%.



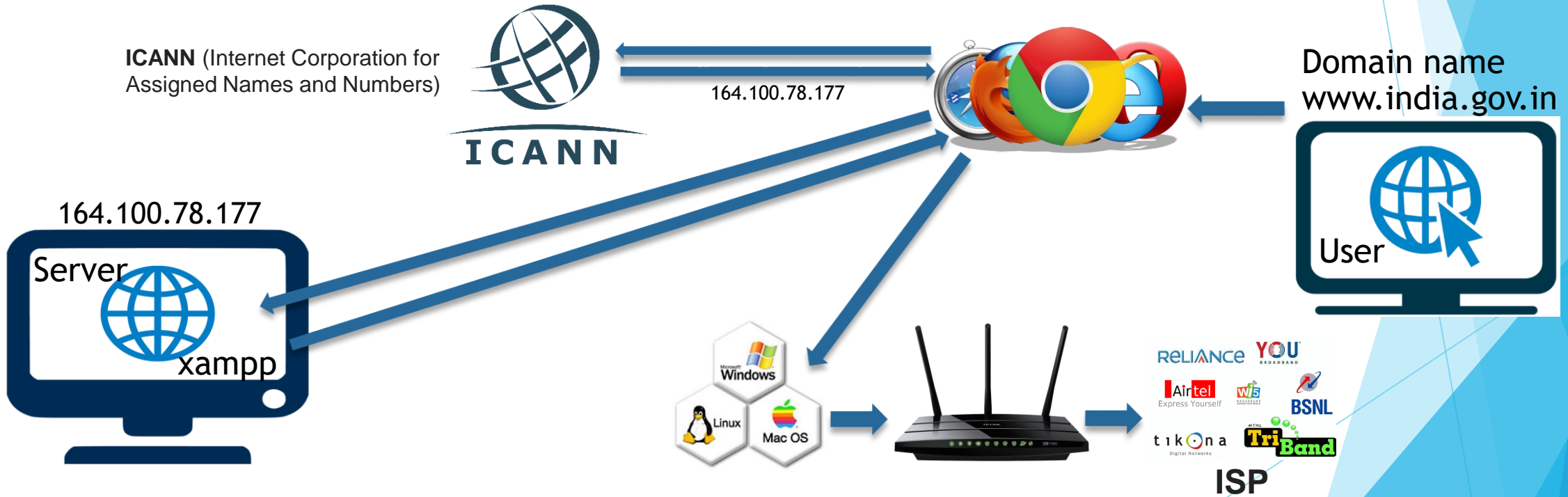
PHP

▶ I hope now you are interested to learn PHP?

▶ What is server and xampp?


A server is a computer program that provides a service to another computer/ programs.

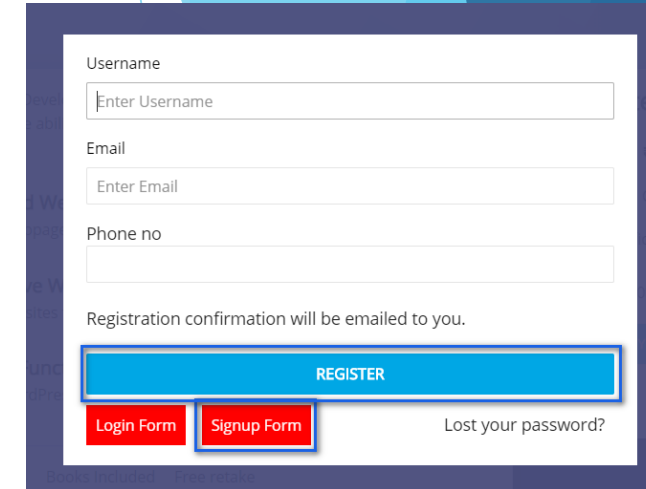
Any computer will be a server if you access that computer through internet.



<http://smallseotools.com/domain-ip-lookup> OR http://ipinfo.info/html/ip_checker.php

Download PPT

- ▶ Go to rampitech.com
- ▶ Go to Services -> Student Training -> Web Development Certificate(Click)
- ▶ Go to “Signup form” - Enter Your Name, Your email and Phone number click Register. 
- ▶ Check you Email and click first link in your mail set your password.
- ▶ Set your password and login!
- ▶ It will redirect to your certificate page.
- ▶ Here you could download PPT as PDF.



Registration form with fields for Username, Email, and Phone no. A REGISTER button is highlighted in blue. Below the button are links for Login Form, Signup Form, and Lost your password?.

Register for a class

Cost: ₹6500 ₹5100 

[Download PPT \(PDF\)](#)

Certificate soft copy

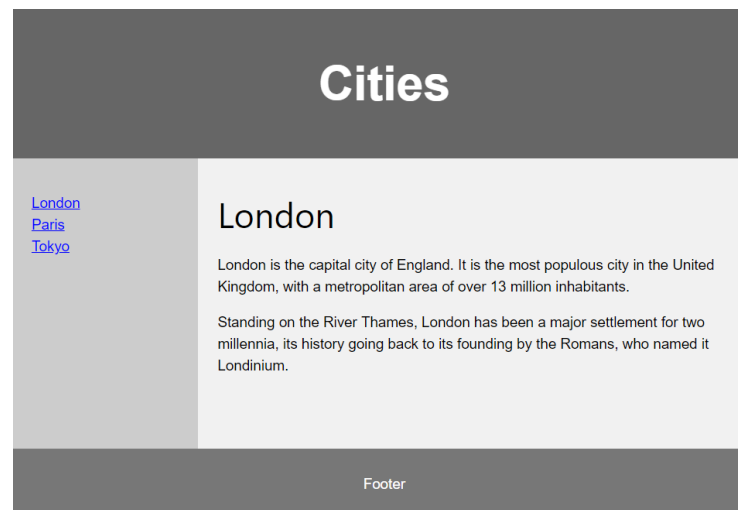
Your server

- ▶ Go to <http://localhost> OR <http://127.0.0.1> (Default IP for all System)
- ▶ Add Simple HTML file in root.
- ▶ D:\xampp\htdocs - Root folder for all xampp server.
- ▶ Create file called index.html add it in above location
- ▶ Index.html file should have header, content and footer. So, it will be like below.

https://www.w3schools.com/html/tryit.asp?filename=tryhtml_layout_float --- Copy and Past this content in index.html

File Location: D:\xampp\htdocs\index.html

URL to access your server: <http://127.0.0.1/index.html> (Domain)



Create additional page

- ▶ Its have three links in Left sidebar.
- ▶ Create those pages. Copy past same index.html content. Change the titles only.
- ▶ So, in your root folder will have three files.

D:\xampp\htdocs\index.html
D:\xampp\htdocs\paris.html
D:\xampp\htdocs\tokyo.html

- ▶ Change content titles on each page based on page name

```
<article>
  <h1>London</h1>
  <p>London is the c
nited Kingdom, with a
```

```
<article>
  <h1>Paris</h1>
  <p>Paris is the c
nited Kingdom, with
```

```
<article>
  <h1>Tokyo</h1>
  <p>Tokyo is the
nited Kingdom, with
```

- ▶ Finally Access through URL and Update the links in Left sidebar

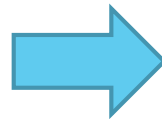
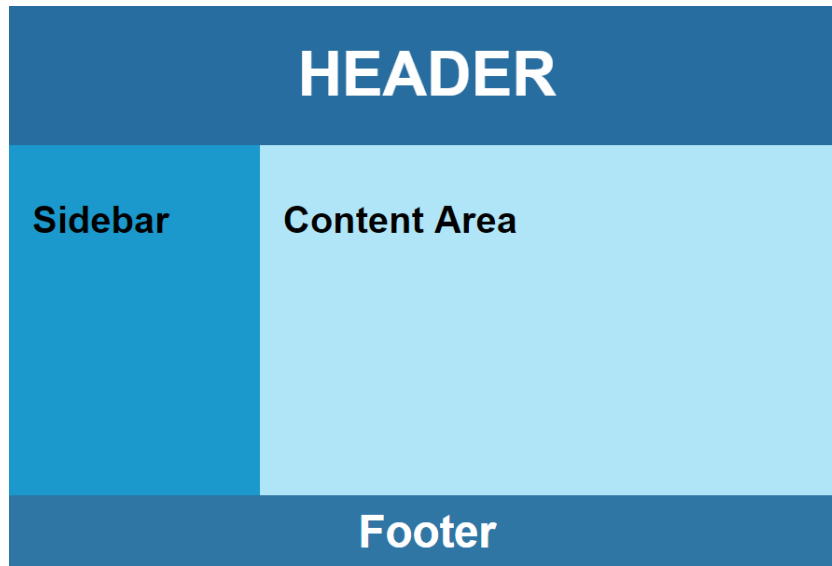
<http://127.0.0.1/index.html> / <http://127.0.0.1/paris.html> / <http://127.0.0.1/tokyo.html>

```
<nav>
  <ul>
    <li><a href="http://localhost/index.html">London</a></li>
    <li><a href="http://localhost/paris.html">Paris</a></li>
    <li><a href="http://localhost/tokyo.html">Tokyo</a></li>
  </ul>
</nav>
```

Where PHP starts their role?

- ▶ Will you please change all pages header “**Cities**” into “**List of Cities**”?
- ▶ How many pages you need to update for this change?
- ▶ If its 1000 pages web site means? Time?
- ▶ Here is the PHP start playing important role!

All Web page structure:



Shall we start PHP coding?

- ▶ Create One file called header.php (All php file should end with .php)
- ▶ Copy the Header coding from your index.html file to header.php

this in our next chapter index.html

```
<header>
  <h2>Cities</h2>
</header>
```

```
<section>
  <nav>
```

header.php

```
<header>
  <h2>Cities</h2>
</header>
```

- ▶ Change index.html as index.php to implement PHP coding.
- ▶ Include header.php into index.php using below coding. Same for all pages.

this in our next chapter

```
<header>
  <h2>Cities</h2>
</header>
```

```
<section>
  <nav>
```

```
76 <p>Resize the browser window
77
78 <?php
79     include ('header.php');|
80 ?>
81
82 <section>
```

Basic syntax

- ▶ PHP works in combination of HTML to display dynamic elements on one page.
- ▶ When PHP parses a file, it looks for opening and closing tags, which are <?php and ?> which tell PHP to start and stop executing the code between them.

```
76 <p>Resize the browser window
77
78 <?php
79     include ('header.php') ;|
80 ?>
81
82 <section>
```

PHP Starts

Server will parse this PHP code and
Will give you the output from header.php

PHP Ends

- ▶ Implement below changes in footer using include function.(footer.php)

Footer



Developed By Your NAME

- ▶ Change sidebar as common file.(sidebar.php)

Wordpress

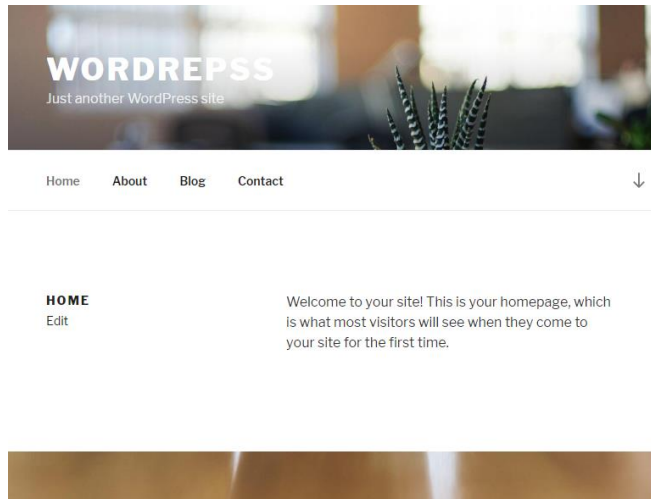


- ▶ PHP syntax
 - PHP have 24 years syntax history/data to review and use it based on your project need.
- ▶ Wordpress developed on 2003 using PHP language.
- ▶ Like whatsapp! Install and use it in mobile.
- ▶ Wordrpess, install and use it in WEB.

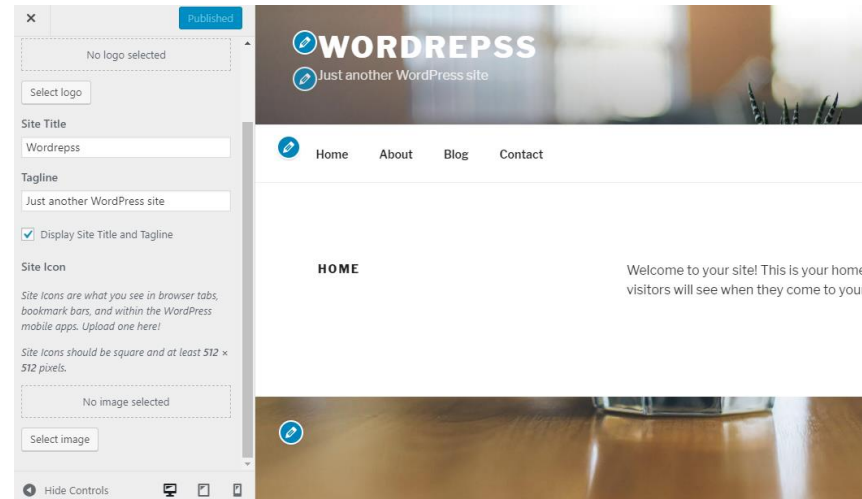
A screenshot of a registration form titled "Register for a class". The form includes the following details:

- Cost: ₹6500 ₹5100
- Download PPT (PDF)
- Download PHP Syntax (indicated by a blue arrow)
- Name On Certificate: Ambikanandini
- Certificate soft copy
- ₹5,100.00



User View

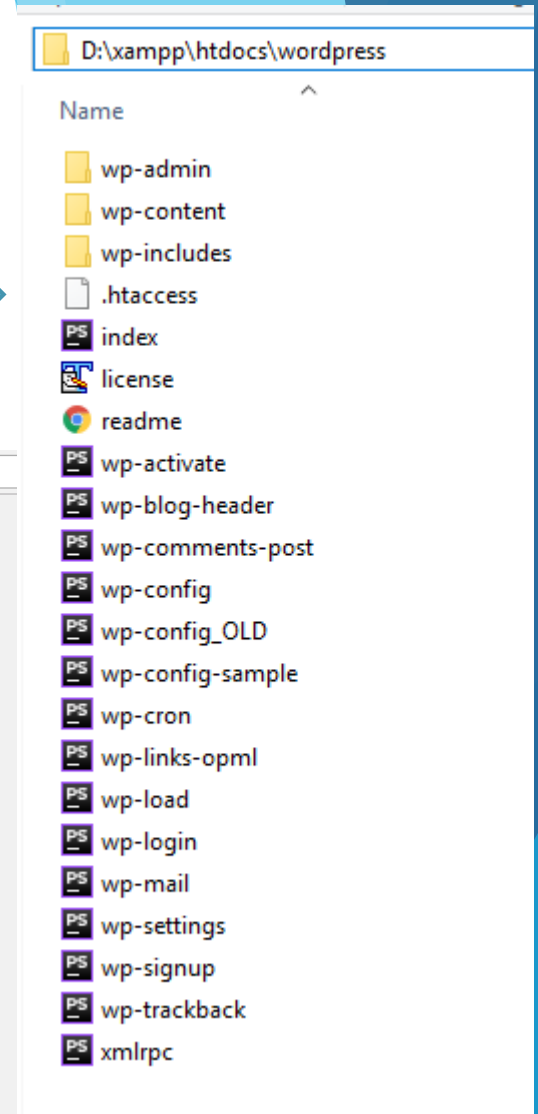
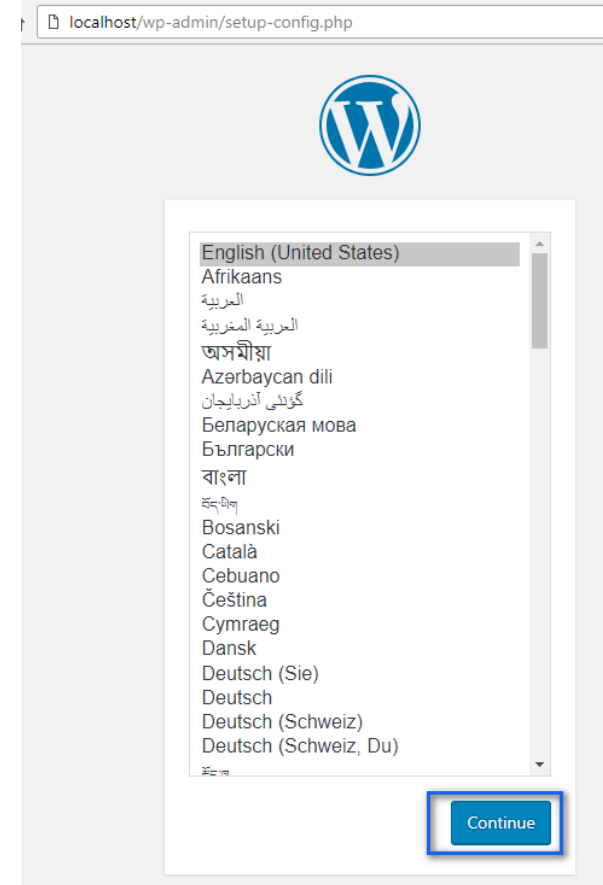
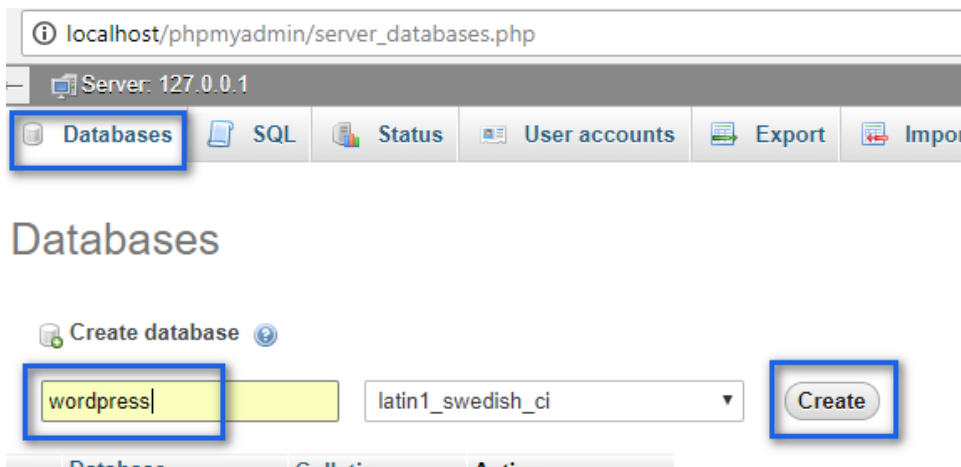


Admin View



Install and configure Wordpress

- ▶ [Download wordpress](https://wordpress.org/download/). <https://wordpress.org/download/>
- ▶ Save and extract into your root folder. So, your /wordpress folder into root folder(\htdocs). 
- ▶ Access wordrpss <http://127.0.0.1/wordpress> to start install.
- ▶ Click “Continue” 
- ▶ Next Information asking to create database. Click “Let’s go!”
- ▶ All data will save in database.
- ▶ Create database -> Database -> Name -> Create <http://127.0.0.1/phpmyadmin> (New Tab)



Final Step

- ▶ Add Mysql details and click “Submit”
- ▶ Click “Run the installation”
- ▶ Finally add your site details and install

Site Title

Username
Usernames can have only alphanumeric characters and symbols.

Password
Very weak


Confirm Password Confirm use of weak password

Your Email
Double-check your email address before continuing.

Search Engine Visibility Discourage search engines from indexing this site.
It is up to search engines to honor this request.

All right, sparky! You've made it through the database. If you are ready, time now to...

localhost/wp-admin/setup-config.php?step=1



Below you should enter your database connection details. If you are not sure, leave the defaults.

Database Name

Username

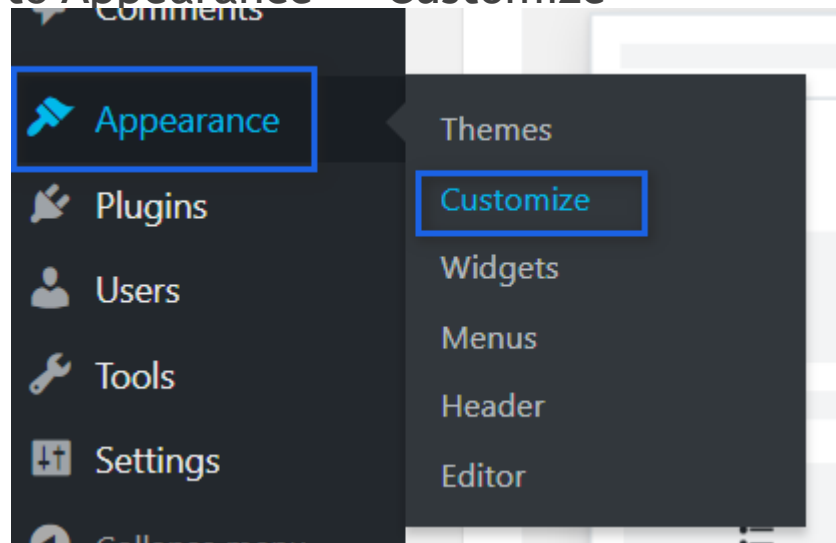
Password

Database Host

Table Prefix

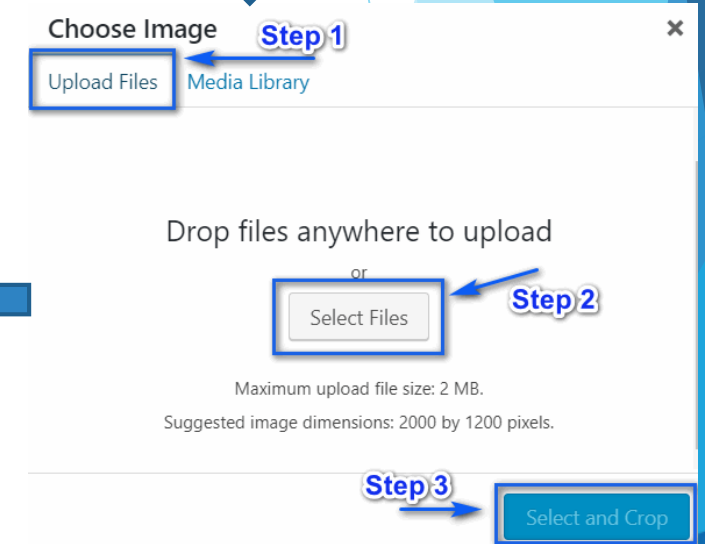
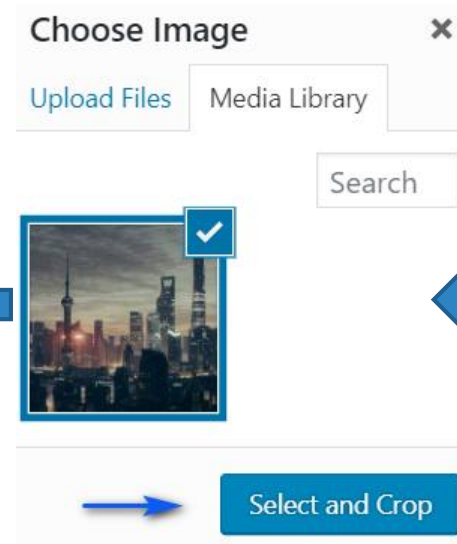
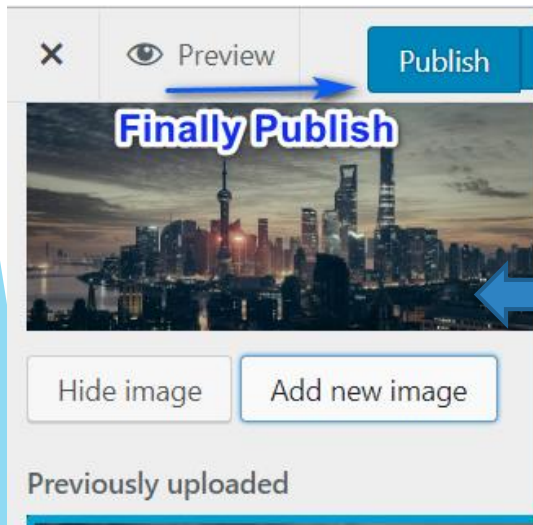
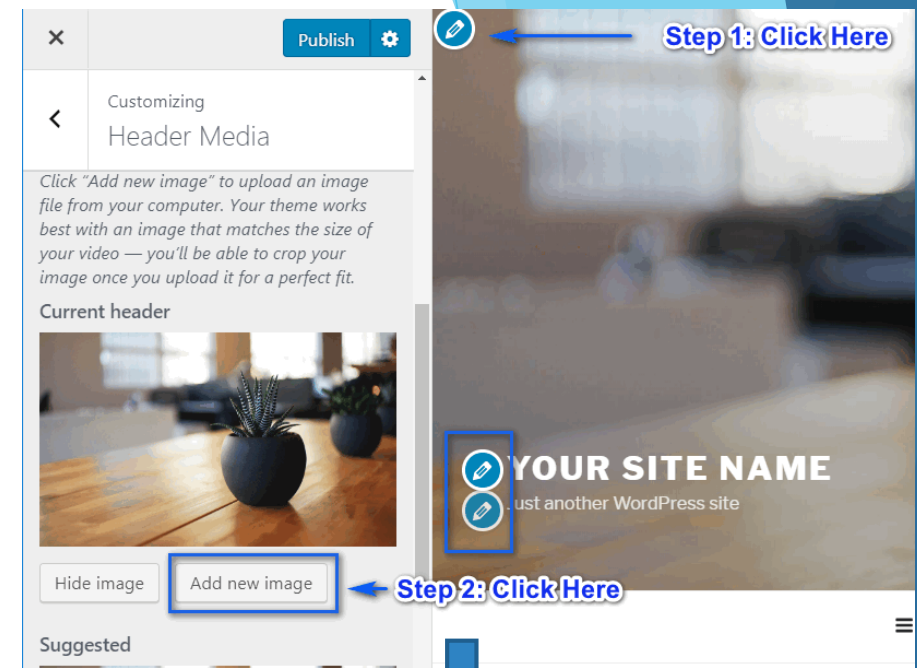
User View / Admin View

- ▶ User View <http://127.0.0.1/wordpress>
- ▶ Admin View <http://127.0.0.1/wordpress/wp-admin> User Name: admin
Password: admin
- ▶ To create this master will take 22 to 28 working days to complete. But, its free.
- ▶ Change header image, title and so on from admin.
- ▶ Go to Appearance -> Customize



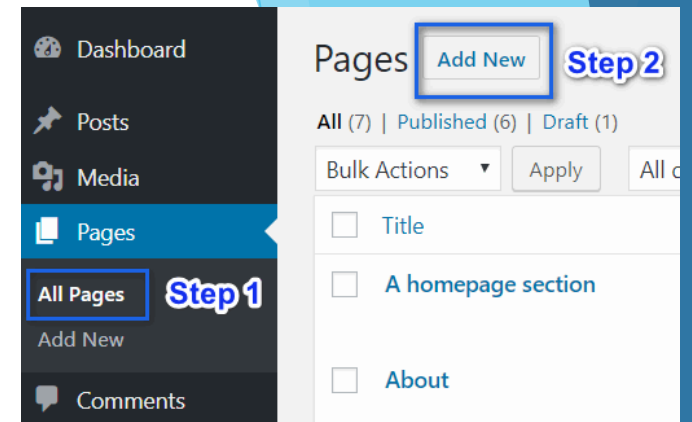
Change Header image

- ▶ Follow the This steps to update the header image.
- ▶ Reload the User View <http://127.0.0.1/wordpress/>
- ▶ Now Change Site Title and Tag based on your need.



Pages

- ▶ Create three pages for London, Paris and Tokyo.
- ▶ Go to admin <http://127.0.0.1/wordpress/wp-admin>
- ▶ Follow this steps...
- ▶ Same like add other two pages



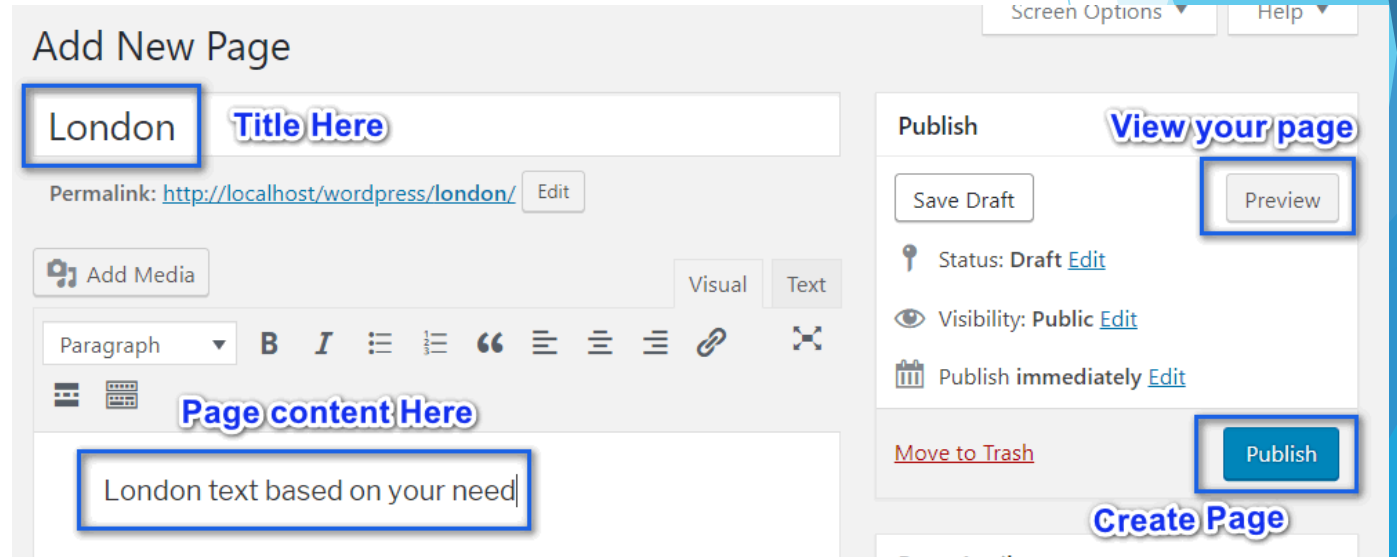
Page User view



LONDON

Edit

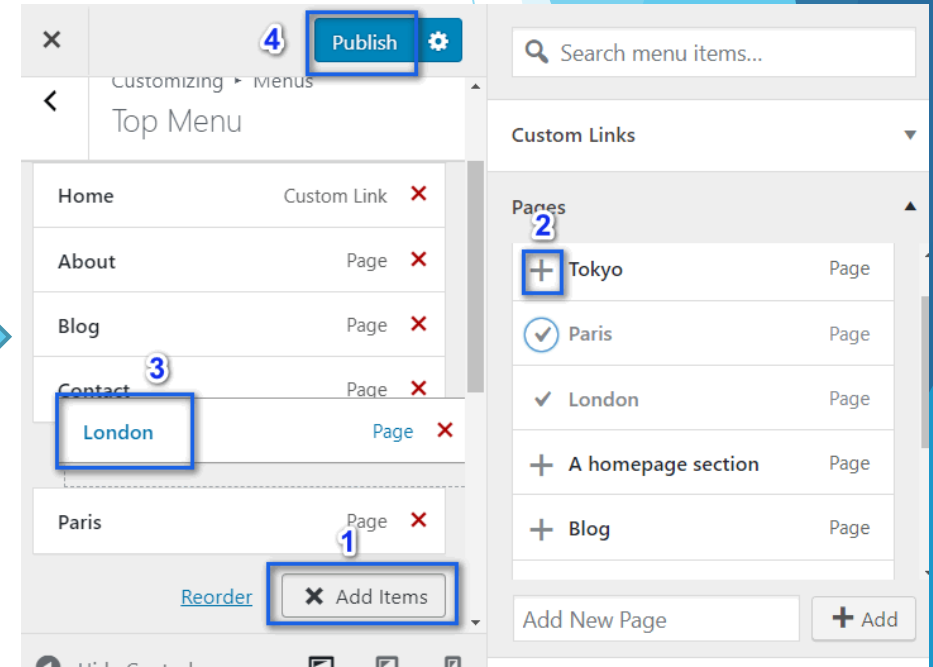
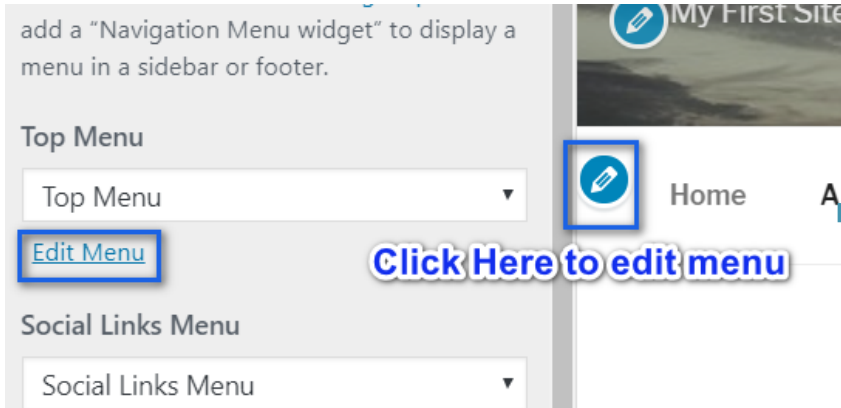
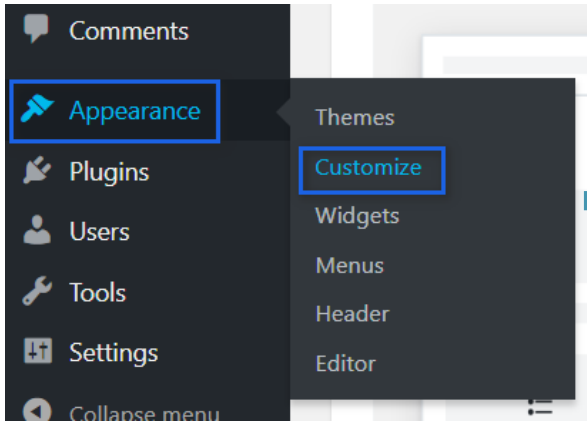
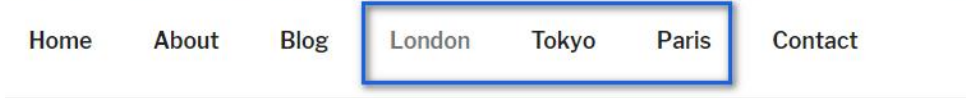
London text based on your need





Menu

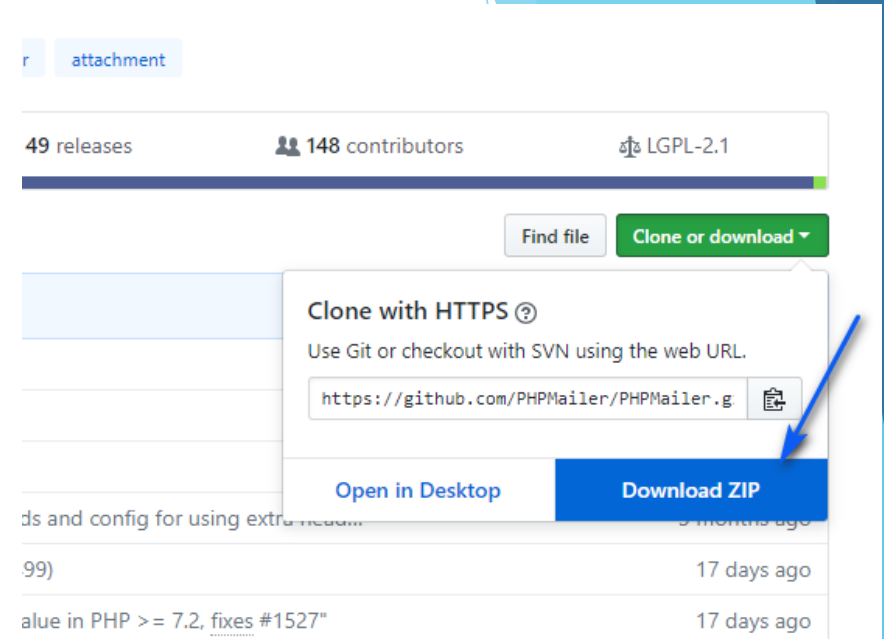
- ▶ Add your pages in Menu as like →
- ▶ Follow below step to add menu.
- ▶ Reload User view?



Mail Function

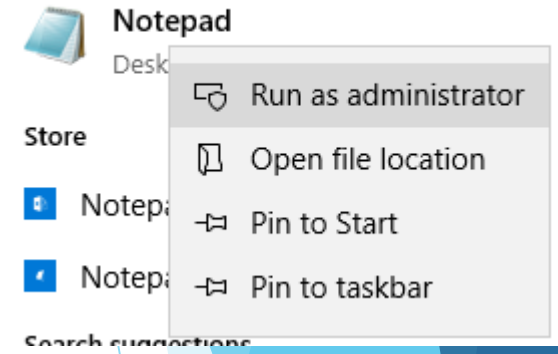
- ▶ Install SMTP to send mails from your localhost server
- ▶ Download and install [PHPMailer](#)

```
1 <?php
2
3 $host = "ssl://smtp.gmail.com";
4 $username = "youremail@gmail.com";
5 $password = "your gmail password";
6 $port = "465";
7 $to = "address_form_will_send_TO@example.com";
8 $email_from = "youremail@gmail.com";
9 $email_subject = "Subject Line Here: " ;
10 $email_body = "whatever you like" ;
11 $email_address = "reply-to@gmail|.com";
12
13
```



Configure own Domain

- ▶ Select your domain name like YourDomainName.com (Ex: rajwpblog.com)
- ▶ Start - Right click on Notepad - Run as administrator
- ▶ Go to File - Open
- ▶ Go to C:\Windows\System32\drivers\etc folder location.
- ▶ Open hosts file
- ▶ Map IP into domain name as like below
127.0.0.1 rajwpblog.com
- ▶ Access YourDomainName.com in browser.
- ▶ Your computer will be server, if you point **ISP IP to your computer.**



```
# localhost name resolution is handled within DNS itself.  
#      127.0.0.1      localhost  
#      ::1           localhost  
  
127.0.0.1 rajwpblog.com
```

Download you Certificate

- ▶ Go to rampitech.com
- ▶ Go to Services -> Student Training -> Web Development Certificate(Click)
- ▶ Login / Signup to your account.
- ▶ Like YouTube button to get Coupon code.
- ▶ You will receive Coupon Code to your email once you Subscribed.
- ▶ Now, click “Add Name On Certificate” button and add your name!
- ▶ Click “Buy now” button and process the checkout and add given coupon code.
- ▶ Now you could complete the order and get your Certificate for free of cost.
- ▶ **Any support Contact at info@rampitech.com**

Thank you!

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