Install WordPress on your portable webserver

1) First, we need to enable our webserver.

Locate your USB/portable drive, open the Amp folder, locate and open the xampp-control.exe file.

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Service	Module	PID(s)	Port(s)	Actions		🥘 Netstat		
	Apache		(Start	Admin	Config	Logs	Shell
	MySQL			Start	Admin	Config	Logs	Explore
	FileZilla			Start	Admin	Config	Logs	🛃 Service
	Mercury			Start	Admin	Config	Logs	😣 Help
	Tomcat			Start	Admin	Config	Logs	📃 Quit
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Hit the Start button for the Apache Module as shown above and the MySQL module (just below the Apache module). This will start the webserver and the mysql component.

Next => download WordPress, go to <u>https://WordPress.org/download/</u> and select WordPress
 5.5. See the screenshot below



3) Now we need to find and unzip the download. It should be in your downloads folder, double click to unzip



Then select extract all. This will pop up an input page that asks you to select the destination for the files. Select the browse button and locate your USB drive followed by xampp and htdocs and hit select. Do not hit extract yet. Instead I want you to add a backslash then your website name followed by another backslash. E.g. \Demo\, so my full path now looks like E:\XAMPP\htdocs\Demo\ once you have done this hit extract. This will create a folder and place my WordPress folder in it. See the screenshot below, the Extract all button is circled in red (top right), by hitting this button the select a Destination and Extract Files pop up launched. The area circled in red is where the path E:\XAMPP\htdocs\Demo\ was created before selecting the Extract Button (located in the bottom right hand corner, not shown in this screenshot).



5) While WordPress is copying let's open phpMyAdmin and create our database.

Open the web browser on your pc and type localhost in the URL bar and hit enter, see the screenshot below.



This should open the localhost index page. On the top right-hand side of the page you should see the PhpMyAdmin, select it to open PhpMyAdmin. See the screenshot below.



This should open the phpMyAdmin page shown below. PhpMyAdmin is a user interface for MySQL, we want to use it to create a database for WordPress to use. To do this locate the database tab, see below



Enter a name for your database. Please see the picture below (I called my database Demo). Type in your database name, leave the database type as default (mine is utf8mb4_general_ci) and hit the create button.

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phpMyAdmin	← 🛃 Server: 127.0.0.1 🛪							
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	mysql	ut	f8mb4_general_c	i 📺 Check privileg	es			
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If you have successfully created your database you should see your database on the left of your screen and a "No tables found in database" warning. See the screen shot below.

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Recent Favorites	No tables found	in database.						
e demo	Create table							
mysql performance schema	Name:			Numbe	er of columns:	4		
phpmyadmin test							G	io

Our WordPress files should have finished extracting by now so navigate to your Xampp WordPress files, mine are located at E:/xampp/htdocs/Demo/WordPress, select all of the contents in the WordPress folder then right click on the contents and select cut, now navigate back to your website folder and paste the contents in. Basically, we are removing the WordPress folder by copying its contents directly into our website folder. This will reduce the need to add WordPress in your URL to get to your website

later. If we omit this step our website URL will be localhost/Demo/WordPress/ after moving our files one folder up we now have a URL that is shorter localhost/Demo/.

- 6) Next, we need to add our login details to our wp-config.php file. If you plan to launch your site/webserver on the internet you need to create a user and password to ensure your site is secure. This tutorial assumes the webserver will stay offline and as such we will use our defaults values; they are as follows
- The name of the database for WordPress; DB_NAME = demo (the name I gave my database)
- MySQL database username; DB_USER = root
- MySQL database password; DB_PASSWORD= (we left it blank)
- MySQL hostname; DB_HOST = localhost

Now that we have our values, we need open the wp-config-sample.php file, it should be located in the first folder of our WordPress installation.

My wp-config-sample.php file is located at E:/Xampp/htdocs/Demo, now that I've found my file I need to right click, select open with, then select Notepad. Alternatively, I could first open Notepad, by typing notepad in my pc search bar and opening the file using notepad.



When you have opened your file, scroll down to the MySQL values and add your values. The screen shot below shows your wp-config-sample file values on the left and our new values on the right.

in wp-config-sample.php - Notepad	*wp-config-sample.php - Notepad
File Edit Format View Help	File Edit Format View Help
<pre>// ** MySQL settings - You can get this info from your web host ** /, /** The name of the database for WordPress */ define('DB_NAME', 'database_name_here');</pre>	<pre>// ** MySQL settings - You can get this info from your web host ** /** The name of the database for WordPress */ define('DB_NAME', 'demo');</pre>
/** MySQL database username */ define('DB_USER', 'username_here');	/** MySQL database username */ define('DB_USER', 'root');
<pre>/** MySQL database password */ define('DB_PASSWORD', 'password here');</pre>	<pre>/** MySQL database password */ define('DB_PASSWORD', '');</pre>
/** MySQL hostname */ define('DB_HOST', 'localhost');	/** MySQL hostname */ define('DB_HOST', 'localhost');
<pre>/** Database Charset to use in creating database tables. */ define('DB_CHARSET', 'utf8');</pre>	<pre>/** Database Charset to use in creating database tables. */ define('DB_CHARSET', 'utf8');</pre>

Now save your file as wp-config.php. To save this file as a php file, remember to select All files when saving, see the screen shot below. Note, we are saving this file as wp-config not wp-config-sample

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File name:	wp-config.php ~
Save as type:	Text Documents (*.txt)
	Text Documents (*.txt)
 Hide Folders 	All Files (*.*) Encoung: 017-0 Save Cancer

7) Let's install WordPress; we do so by opening our localhost website on our web browser. My website will be located at localhost\Demo\ (as Demo is the folder where my WordPress files have been copied). So, I open my browser and type in localhost/Demo/, see below.

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This opened the WordPress installer, see below



From here I select my language, followed by Continue. This opens the next screen that asks me for the Site title (website name), username, password and email address. I have given my website, Demo, as it's site title, Fleur as my username (this is the username I will use to log into my WordPress site), a password and my email address. I have opted to leave Search Engine Visibility unchecked.

Don't forget to record your username and password for the site!

See the screenshot below.

be on your way to using	the most extendable and powerful personal publishing platform in the world.
Information ne	eeded
Please provide the follow	wing information. Don't worry, you can always change these settings later.
Site Title	
Username	
	Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.
Password	vAAp4EH4ex)OL&thUB
	Strong
	Important: You will need this password to log in. Please store it in a secure location.
Your Email	
	Double-check your email address before continuing.
Search engine visibility	Discourage search engines from indexing this site
visionity	It is up to search engines to honour this request.
Install WordPress	

Don't forget to hit the Install WordPress button, to complete the installation. If things have gone according to plan you should see the screen below. Hit the Log In button to launch WordPress.

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				;
Success!				
WordPress has been installed. Thank you, and enjoy!				
Username Fleur				
Password Your chosen password.				
Log In				