



CET-223

Web Technologies

Experiment # 25

Experiment Title

Introduction to WordPress Development

Assessment of CLO(s): 03

Performed on _____

Student Name:			
Roll No.		Group	
Semester		Session	

Total (Max)	Performance (03)	Viva (03)	File (04)	Total (10)
Marks Obtained				
Remarks (if any)				

Experiment evaluated by

Instructor's Name	Engr. Bilal Iqbal		
Date		Signature	

OBJECTIVE:

The objective of this lab is to gain an understanding of how to install WordPress, set it up on XAMPP, install and use the Elementor plugin, and create a web page using Elementor.

Installing WordPress:

Step 1: Download WordPress

1. Go to the [official WordPress website](https://wordpress.org/).
2. Click on the **Get WordPress** button and download the latest version.
3. Extract the downloaded .zip file to a location on your computer.

Step 2: Install XAMPP

1. Download XAMPP from [Apache Friends](https://www.apachefriends.org/).
2. Run the installer and follow the setup wizard to install XAMPP.
3. Start the **Apache** and **MySQL** services from the XAMPP Control Panel.

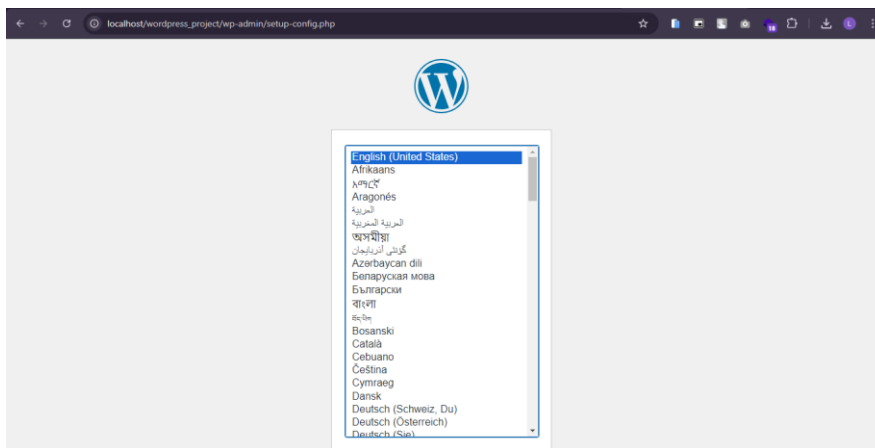
Setting Up WordPress on XAMPP

Step 1: Create a Database

1. Open your browser and navigate to `http://localhost/phpmyadmin`.
2. Click on the **Databases** tab.
3. Enter a name for your database (e.g., `wordpress_lab`) and click **Create**.

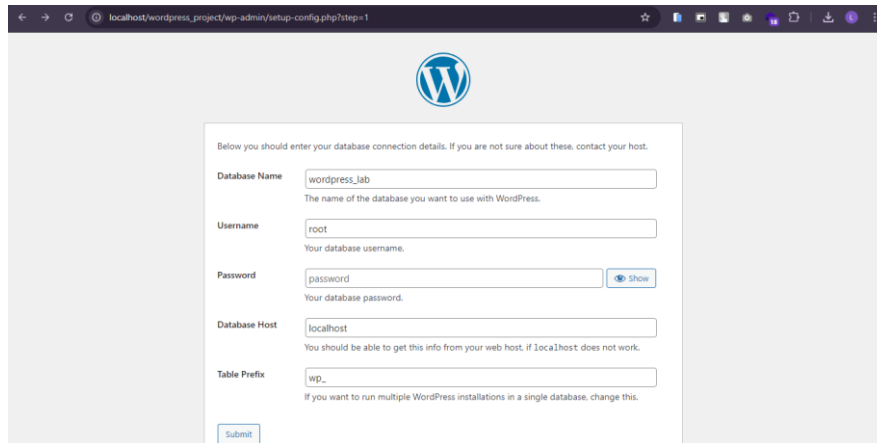
Configure WordPress

1. Move the extracted WordPress folder to the `htdocs` folder in your XAMPP installation directory.
2. Rename the WordPress folder to your desired project name (e.g., `wordpress_project`).
3. Open `http://localhost/wordpress_project` in your browser.



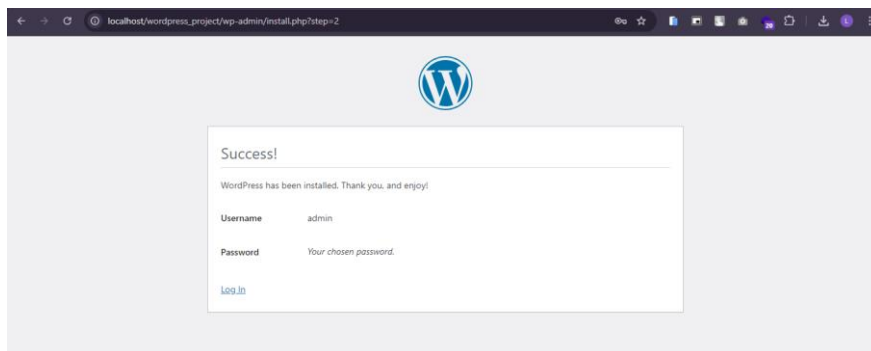
4. Follow the setup wizard:
 - Select your preferred language.
 - Enter your database details:
 - Database Name: `wordpress_lab`
 - Username: `root`
 - Password: Leave it blank.

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The screenshot shows the 'wp-admin/setup-config.php?step=1' page in a browser. It features the WordPress logo at the top. Below it, a form is used to enter database connection details. The fields are: Database Name (wordpress_lab), Username (root), Password (password), Database Host (localhost), and Table Prefix (wp_). Each field has a description below it. A 'Submit' button is at the bottom left of the form.

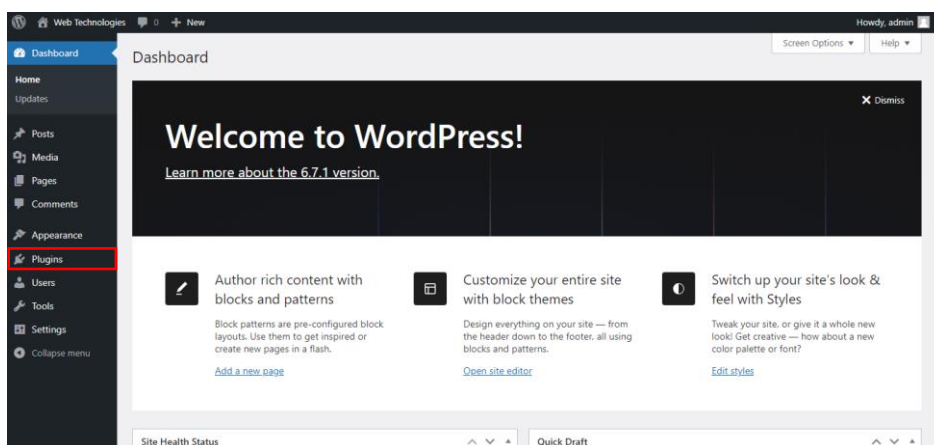
- Submit the details and run the installation.
5. Provide your site information:
 - Site Title
 - Username and Password for the admin account
 - Email Address
6. Complete the setup and log in to your WordPress dashboard.



Installing Elementor Plugin

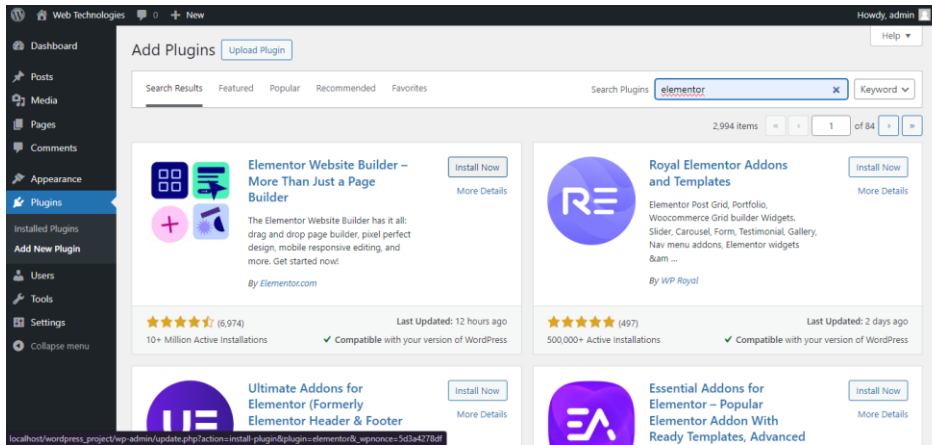
Step 1: Add the Plugin

1. Log in to your WordPress dashboard.
2. Navigate to **Plugins > Add New**.



3. Search for **Elementor** in the search bar.
4. Click **Install Now** on the Elementor plugin.

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5. Once installed, click **Activate**.

Creating a Page Using Elementor

Step 1: Create a New Page

1. Navigate to **Pages > Add New**.
2. Enter a title for your page
3. Click **Edit with Elementor**.

Step 2: Design the Page

1. Use the Elementor interface to drag and drop elements onto the page.
2. Customize the elements:
 - Add a heading, text, and images.
 - Adjust styles like colors, fonts, and spacing.
3. Save your work by clicking **Update**.

Lab Task

Create a single-page portfolio website using WordPress and Elementor. Your website should include:

1. A **Header** section with your name and navigation links.
2. An **About Me** section with a brief description of yourself and an image.
3. A **Portfolio** section displaying at least three sample projects
4. A **Contact Me** section with a form and social media links.