

UCE WEBSITE DESIGN FOR COMPUTER STUDIES PRACTICAL PAPER 840/2

In its preliminary pages, the [O level Computer Studies the syllabus](#) guides as follows on Web design and publishing:

A personal web page should have:

A header

Images and graphics

Tables

Bio-data

Hyper links

When conducting practice with other tasks, involve use of a resource person (like web designers / masters)

Limit the scope of designing to the following areas:

Web Page Components:

a. Page titles

- b. Text headings and main text content
- c. Buttons and icons: navigation tools
- d. Lists: ordered and unordered lists
- e. Line separators
- f. Graphics (images)
- g. Tables
- h. Frames
- i. Specific relative text size and flow in a document.

Linking Options:

- a. Relative pathnames and absolute pathnames
- b. URLs
- c. Integration of images into the page
- d. Alternate text for images
- e. Images as hyper links

Colour Options:

- a. Specify a colour by name
- b. Specify a colour by RGB Value
- c. Colour of text, background and links

UCE WEB DESIGN: SAMPLE EXAM QUESTION (UNEB COMPUTER STUDIES 840/2 2022)

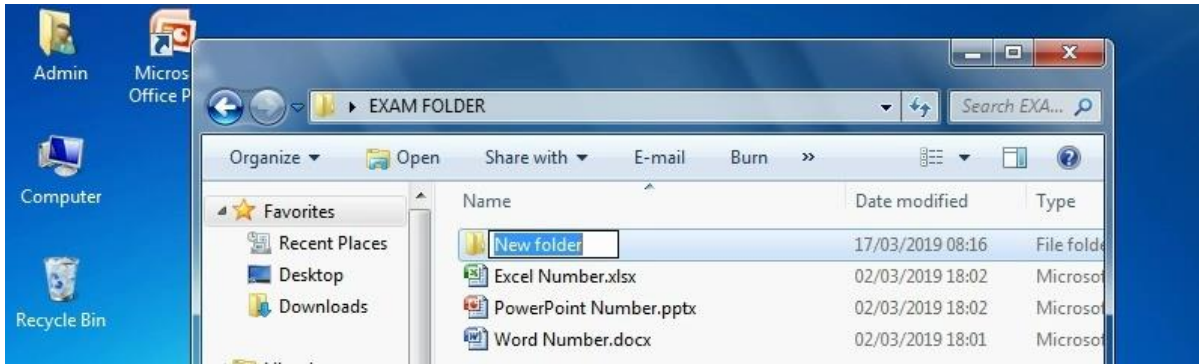
A Company wishes to develop a website for its Hotel. Using a web authoring software, design a website of four pages for the Hotel as follows:

- (i) HOME PAGE: Include the Hotel Name, Hotel motto, contact address and a bulleted list of the services offered by the Hotel. (05 marks)
 - (ii) EMPLOYEE: Include a table of Current Employees and their contacts. (05 marks)
 - (iii) BOOKING: Include an online booking form for customers. The form should include: Name, Address, and Gender, Room type, Type of payment (Cash, Credit Card or Mobile Money), and a submit button. (07 marks).
 - (iv) BRANCHES: Include names of Hotel branches in other areas. (04 marks)
- (b) Create active links to the entire Website. (02 marks)
 - (c) Apply a suitable background colour (01 mark)
 - (d) Insert relevant graphics to your website (02 marks)
 - (e) Add a Logo for the Hotel (02 marks)
 - (f) Save the website as your name and personal number (01 marks)
 - (g) Print all your web pages

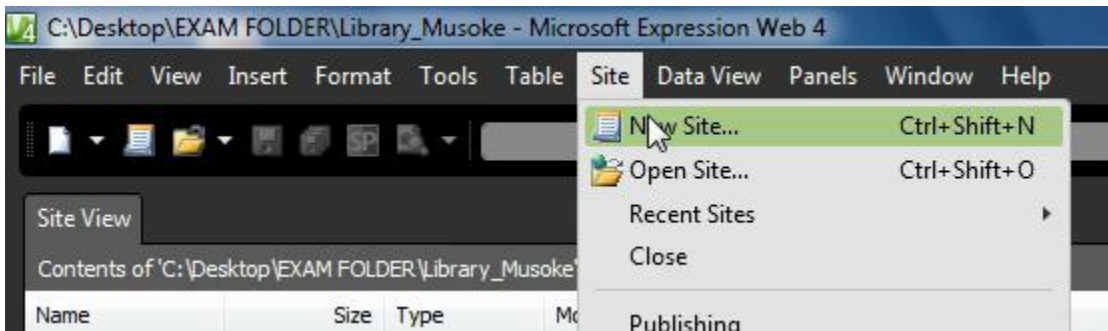
QUICK STEP BY STEP TUTORIAL FOR CREATING UNEB EXAM WEBSITES USING EXPRESSION WEB

In exams, a website can be created in expression web using the following steps:

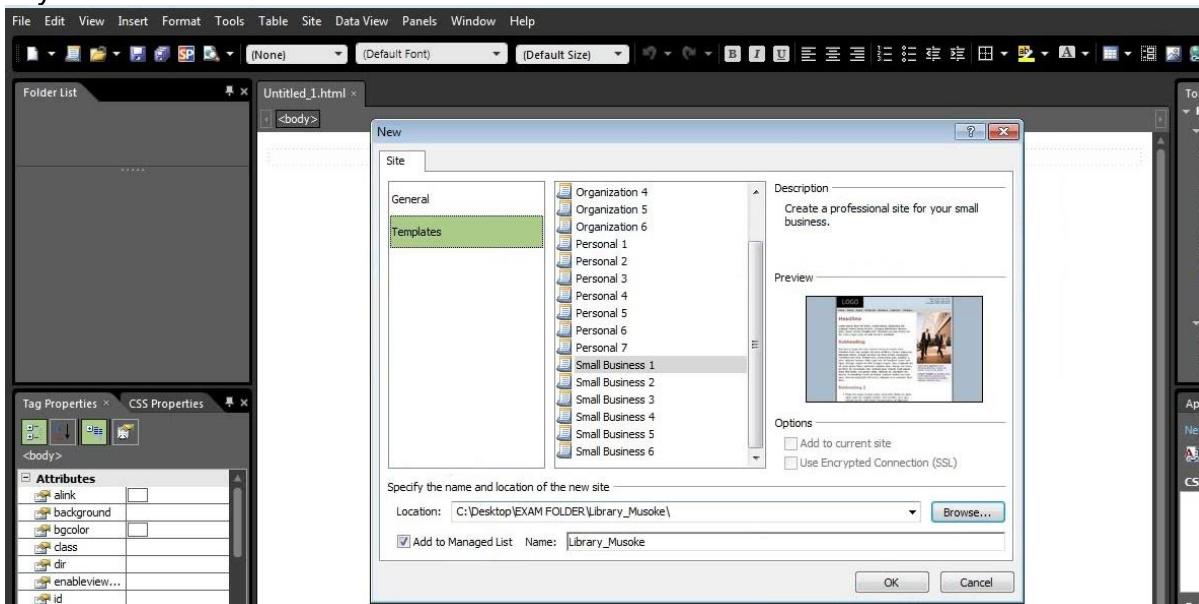
1. Create a Website folder as a sub folder inside your examination folder



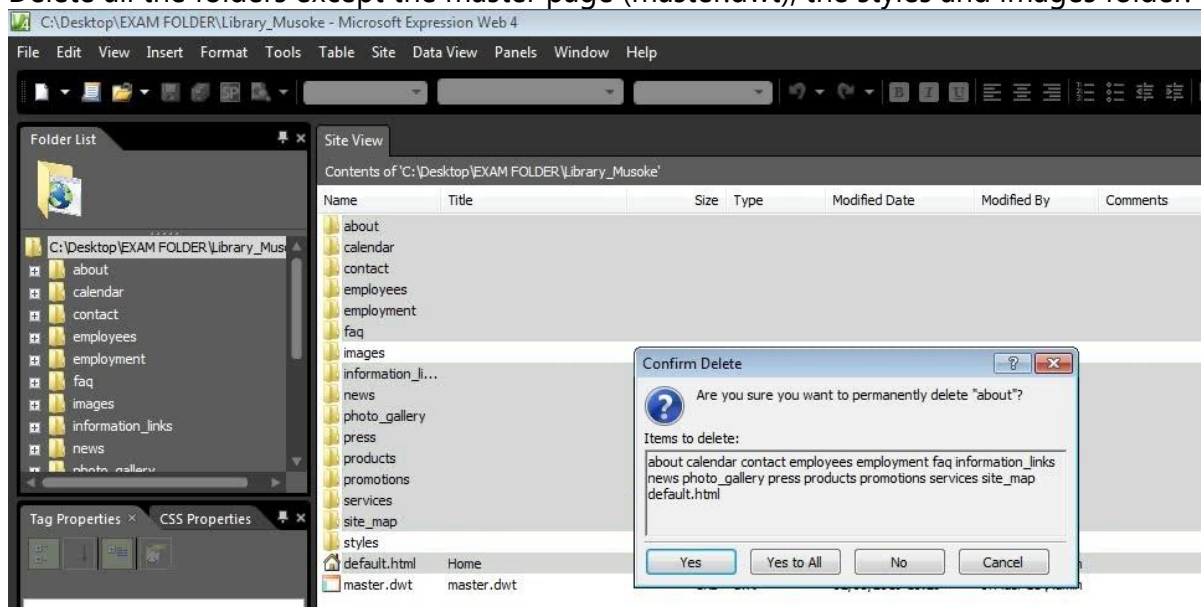
2. Open Expression Web and Create a New Site using the Site Menu



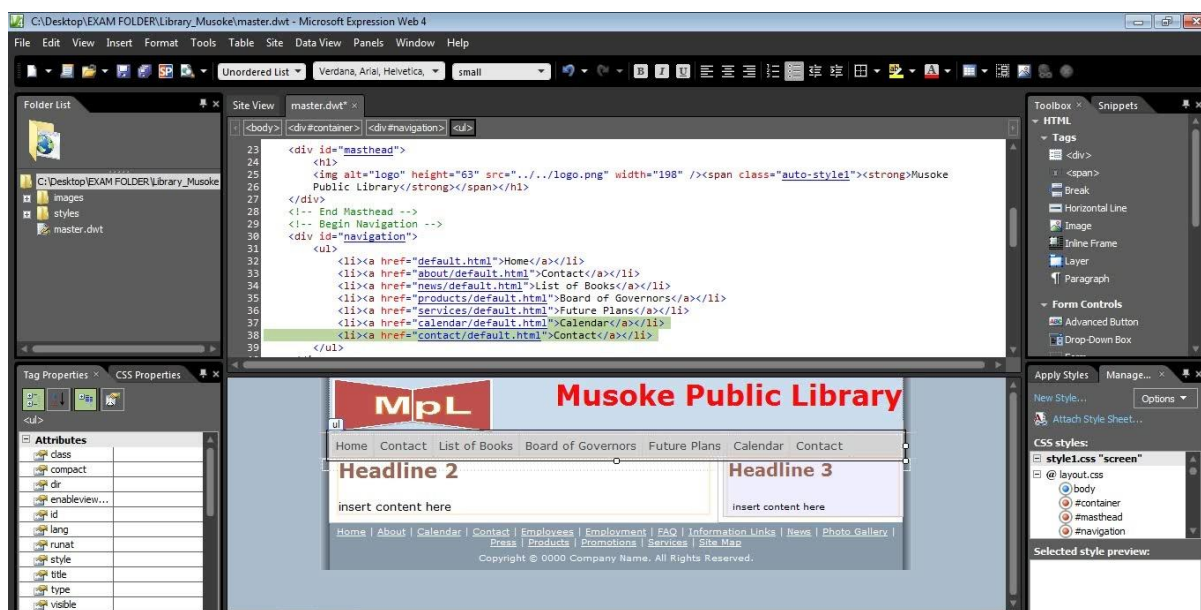
3. Choose a Template to base on for the general layout of your website and browse to save your website in your examination folder.



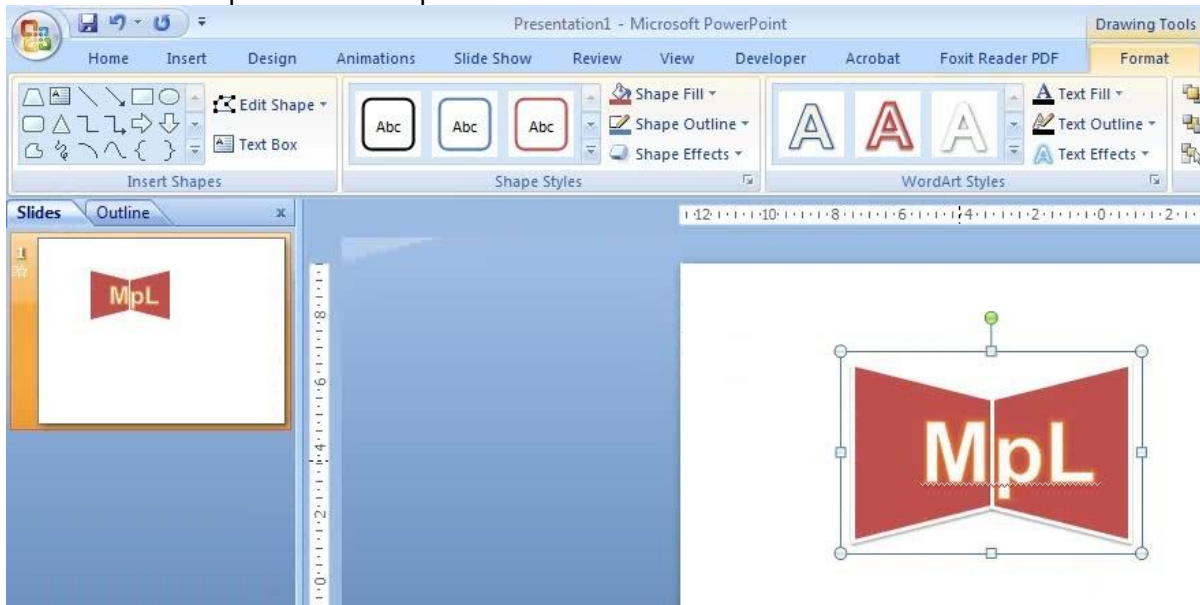
4. Delete all the folders except the master page (master.dwt), the styles and images folder.-



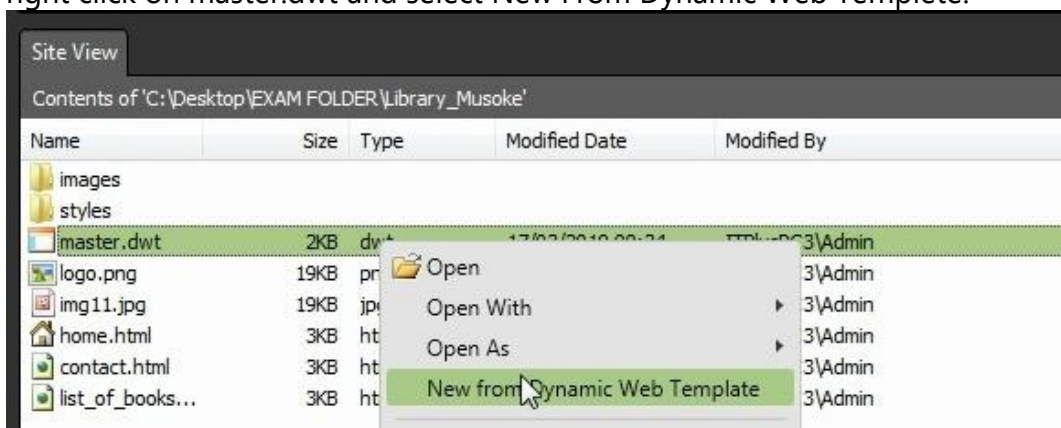
5. Open the Master Page and edit it using the design or code views which are easily interchangeable to include your desired logo, menus, colors and footer.



6. NB: Simple logos and clip art can be designed and copied from other programs like Microsoft PowerPoint and pasted into expression web.

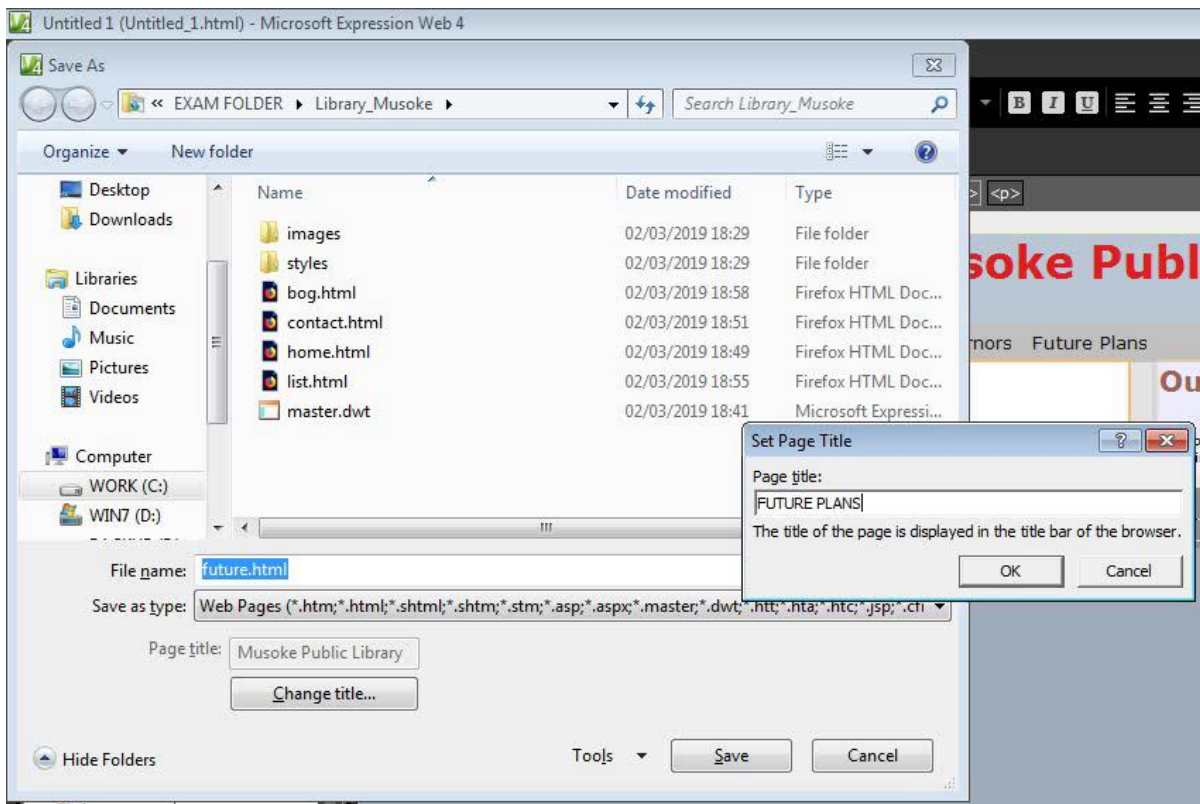


7. Create the needed web pages from the master for a consistent layout. You click on the Site View Tab, right click on master.dwt and select New From Dynamic Web Template.

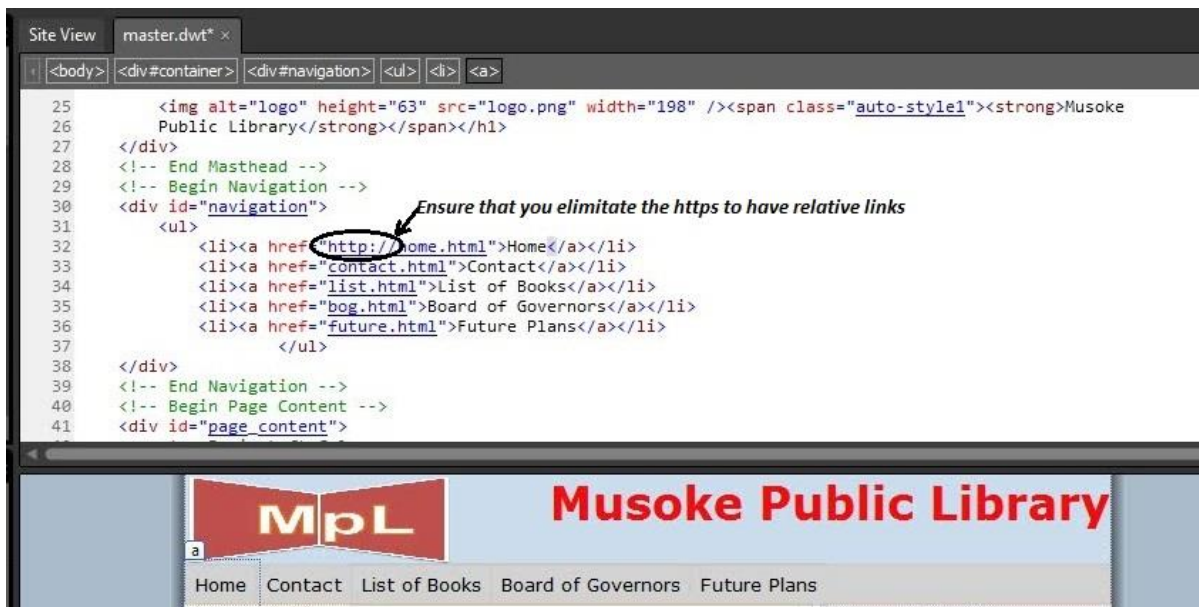


A new page will be created having the layout of the master page designed in step 5, and you will only have to add the unique content for that particular and page

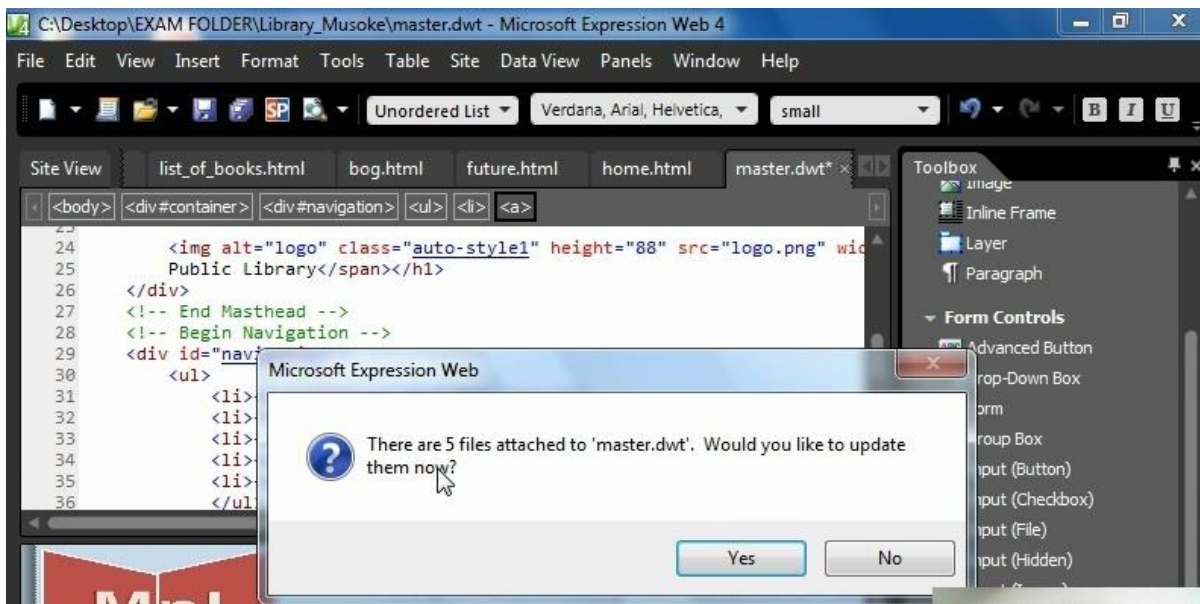
8. Save your web page (Ctrl + S) and specify both the file name and a page title. Repeat Step 7 and 8 until all your required web pages are created and saved.



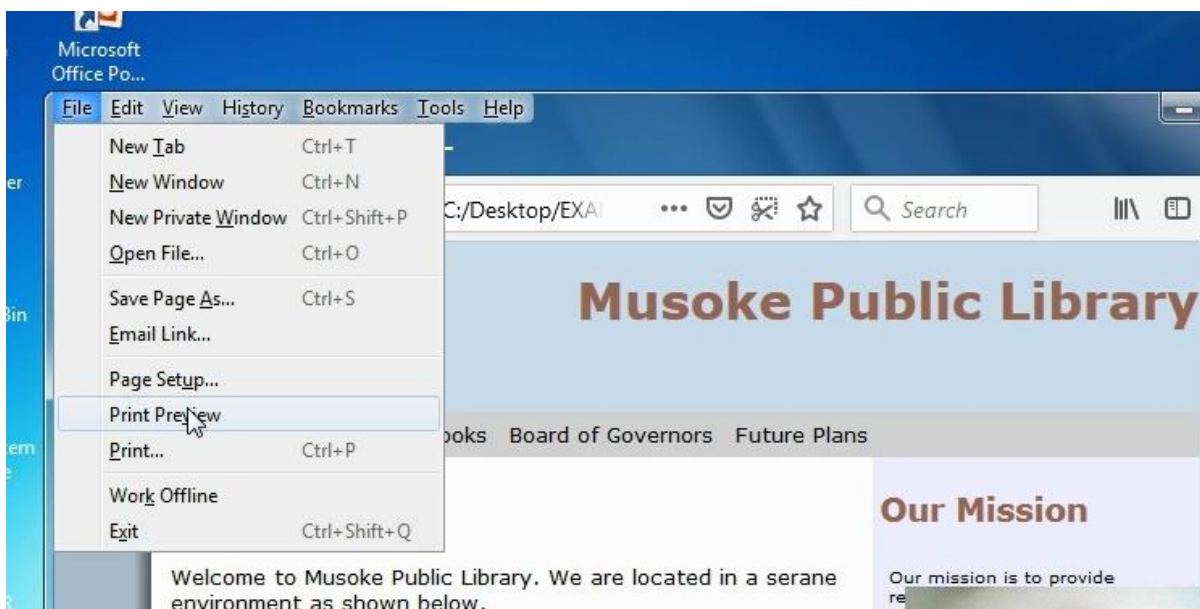
9. After creating all your pages when they are still open, go back to the master page to update the menu hyperlinks. Ensure that you eliminate `http://` on the links, so that you only have relative file names e.g `home.html` as illustrated below.



10. Save the master and all your pages. A dialog will ask you if you like to update all the pages attached to the master. Click 'Yes'.



11. Preview your work in a browser before printing it out as required on the question paper. You can also setup headers and footers within the browser before printing, under page setup, if needed.

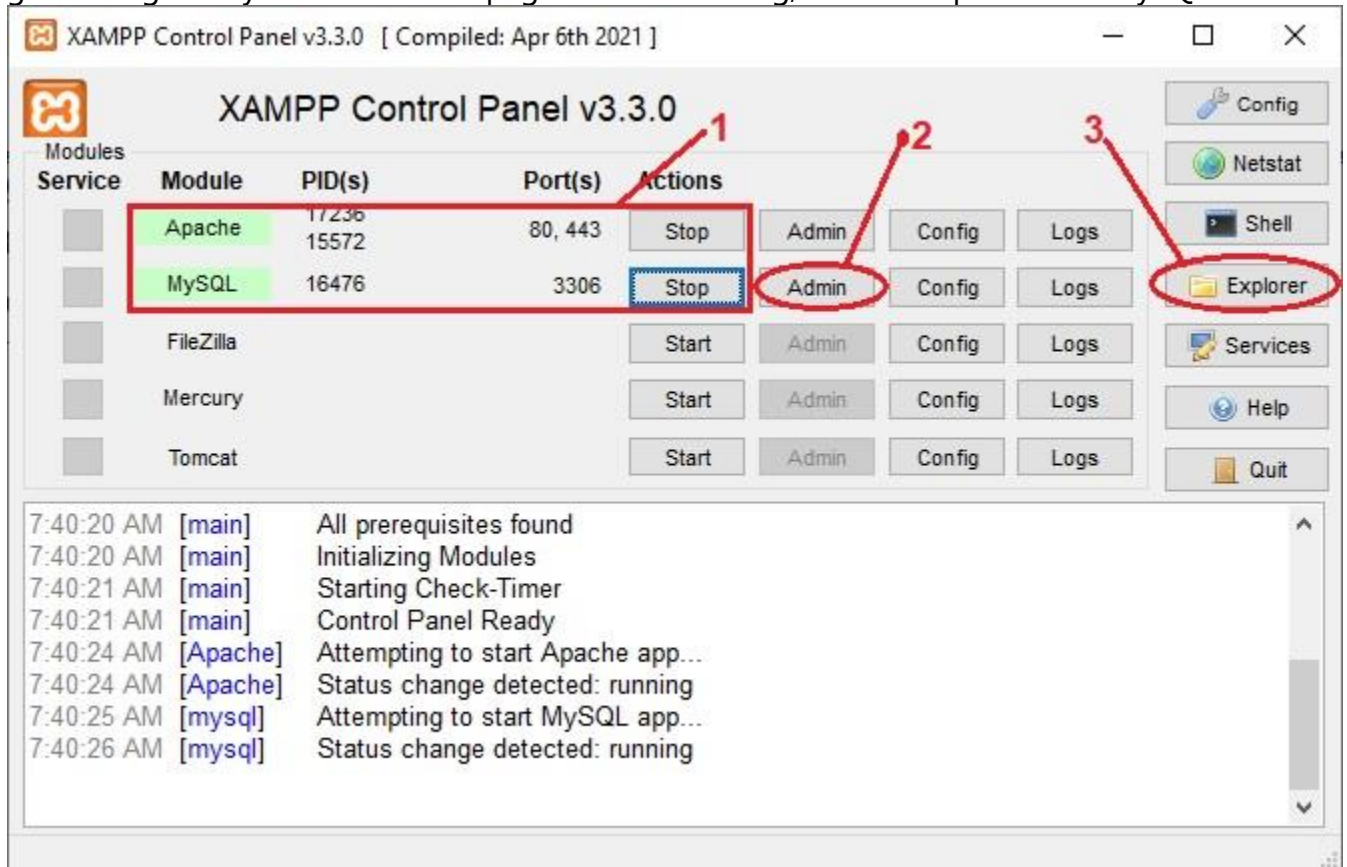


QUICK STEP BY STEP TUTORIAL FOR CREATING UNEB EXAM WEBSITES USING WORDPRESS

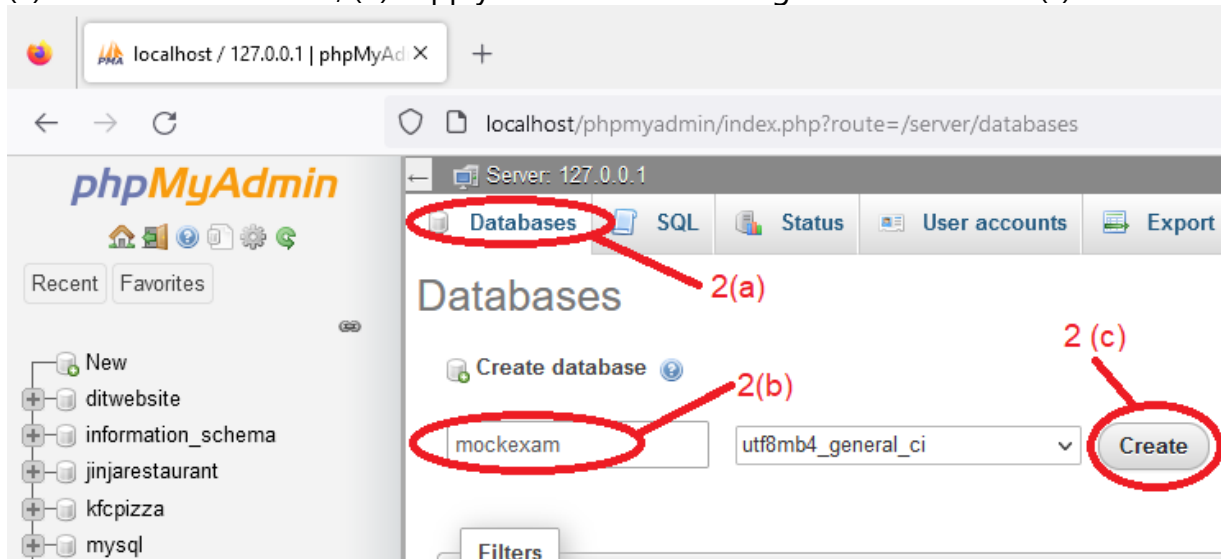
Software Setup (Before the exam day):

Just like all other practical questions, the necessary software should be installed before hand so that students just start at building web pages during the exam.

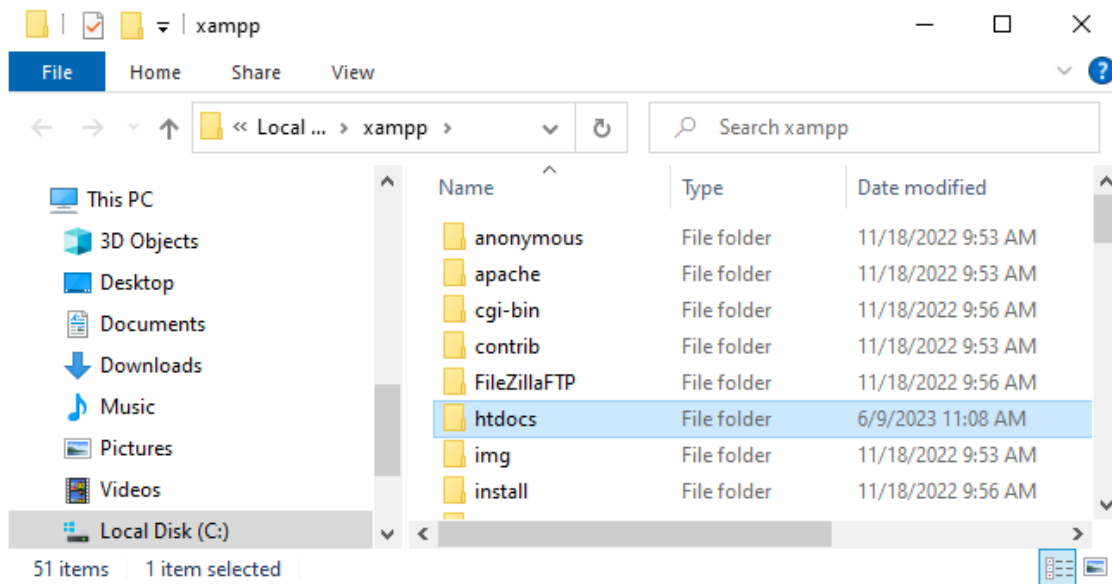
1. Install a localhost web server software, such as XXAMP. The server will be responsible for generating the dynamic PHP web pages. After installing, start the Apache and MySQL modules.



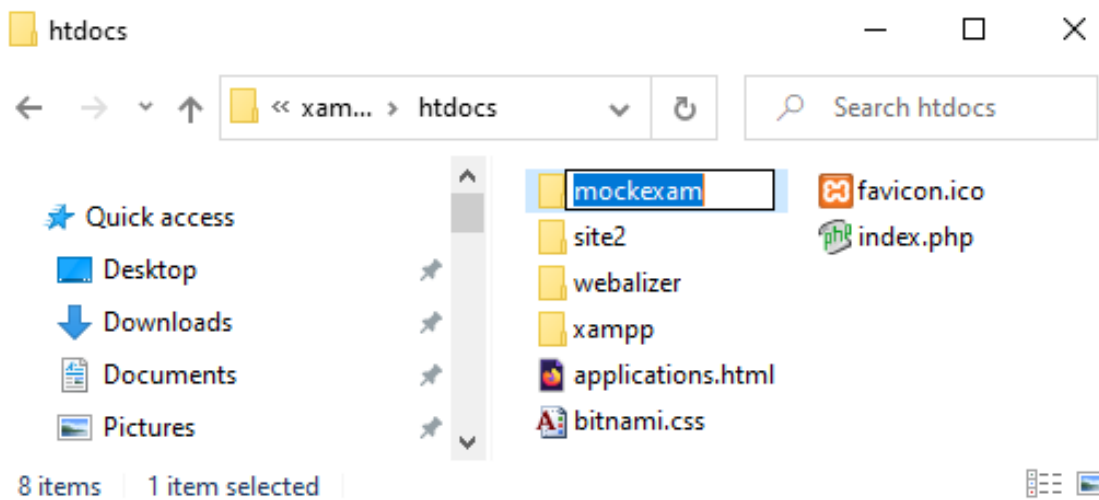
2. Click the MySQL **Admin** button to launch the *phpMyAdmin* interface through which you will (a) click on '**Databases**', (b) supply a database name e.g '*mockexam*' and (c) click '**Create**'.



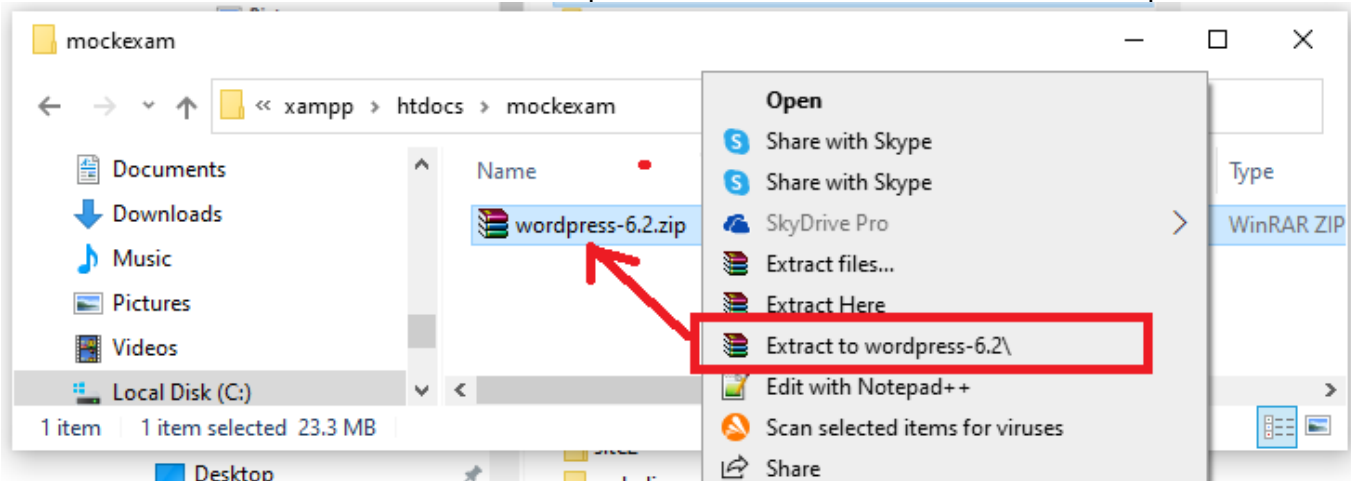
- Click on the **Explorer** button on the XAMPP Control Panel. It will launch the C:\xampp directory. Inside, open the htdocs folder – which is the folder where all websites are hosted to be served by the localhost server.



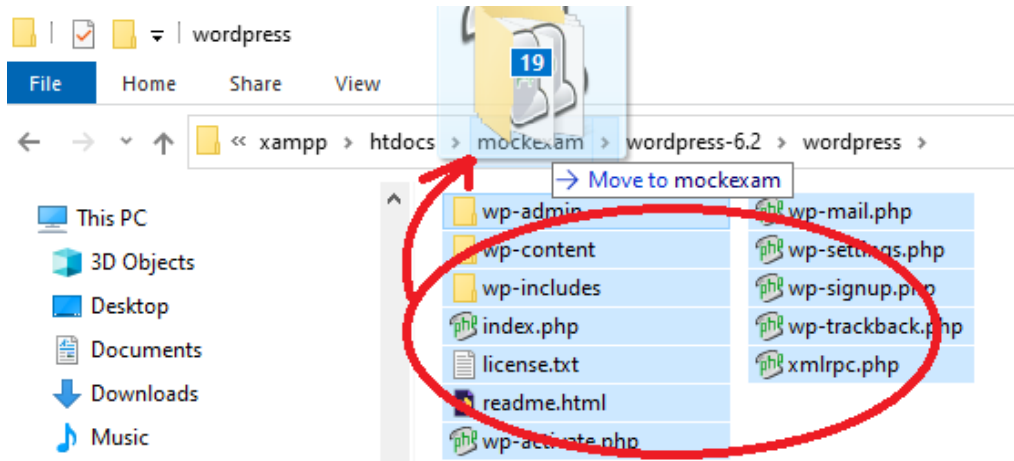
- Open inside the htdocs folder and create a subfolder which will host your particular website. In this case we are calling it 'mockexam'.



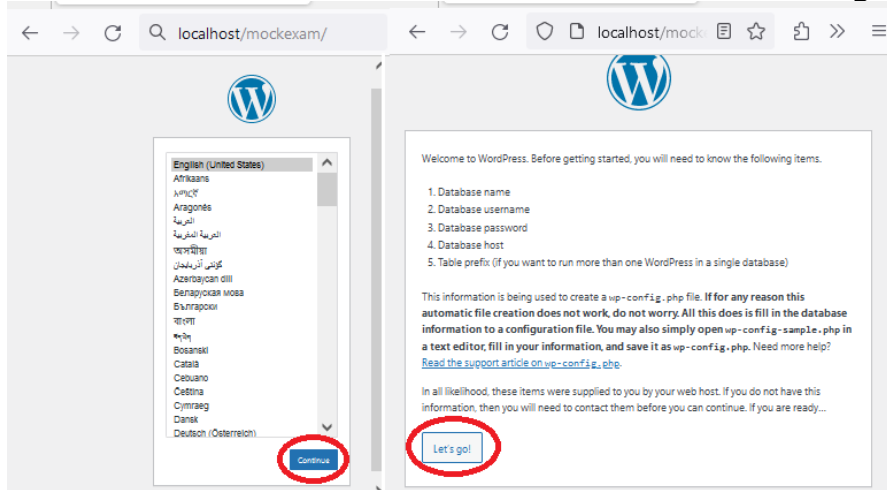
- Inside the website folder 'mockexam', drop and extract the WordPress software zip file.



6. Inside the extracted wordpress folder, locate all the files and folders inside and move them back to the root of the 'mockexam' web folder.



7. You can now open your web browser and visit <http://localhost/mockexam> It will load the WordPress Installer Wizard. Click on the **Continue** and **Let's go!** Buttons.



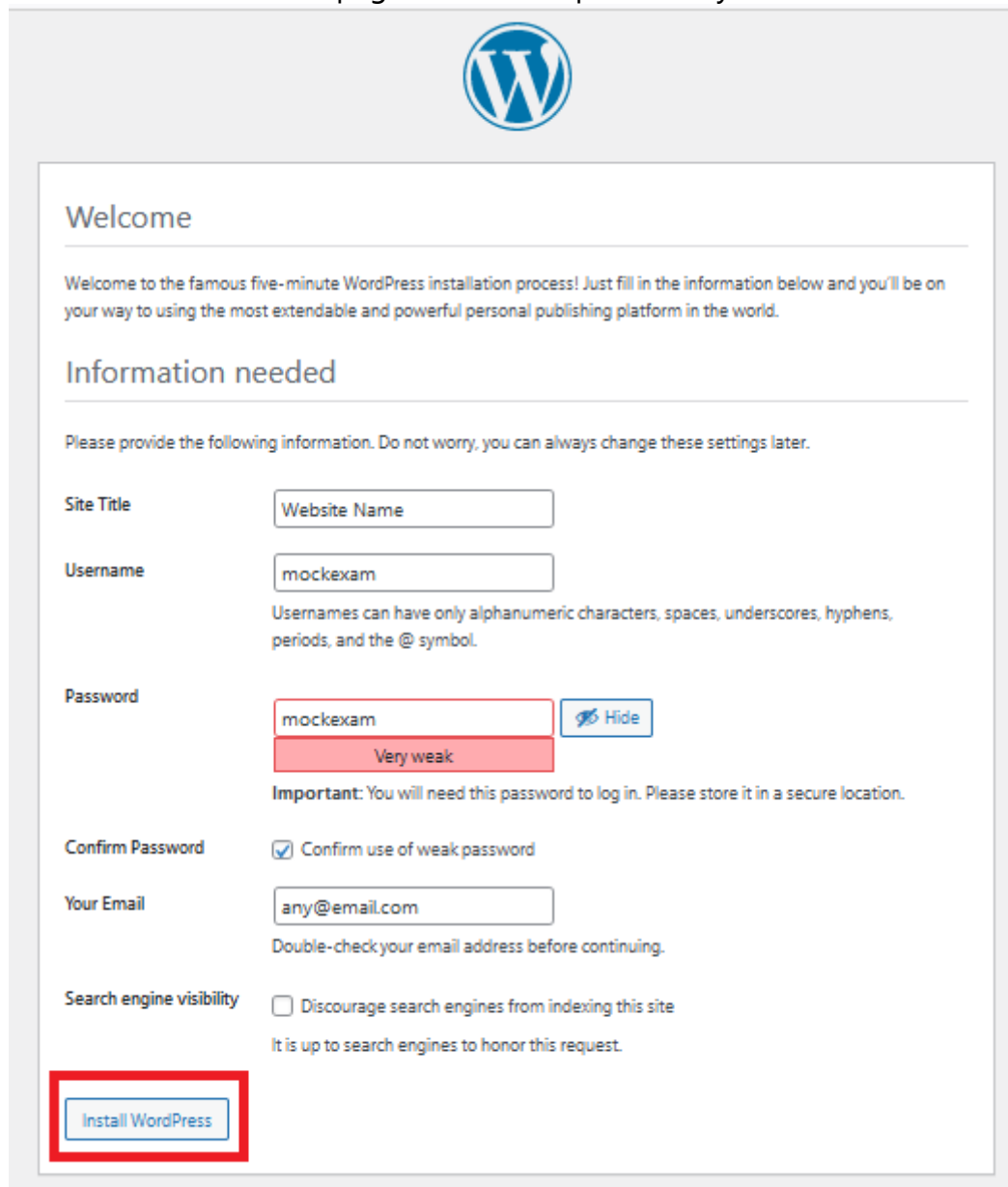
8.

On the next screen, enter the database name created in 2(b) and 'root' as username. Leave the rest of the fields as they are.

After this, click on the Submit button and the subsequent 'Run the Installation' button that comes after verifying the database detailed entered.

A screenshot of the WordPress database connection details screen. At the top is the WordPress logo. Below it is a text area with the following text: 'Below you should enter your database connection details. If you are not sure about these, contact your host.' Below this text are five input fields: 'Database Name' with the value 'mockexam', 'Username' with the value 'root', 'Password' (empty), 'Database Host' with the value 'localhost', and 'Table Prefix' with the value 'wp_'. To the right of each input field is a description: 'The name of the database you want to use with WordPress.', 'Your database username.', 'Your database password.', 'You should be able to get this info from your web host, if localhost does not work.', and 'If you want to run multiple WordPress installations in a single database, change this.' At the bottom left is a 'Submit' button. The 'Database Name' and 'Username' input fields are circled in red.

9. Now enter the website title and the username and password you'll be using to login to WordPress to create and edit web pages. You can input an easy to remember



The image shows the WordPress installation form. At the top is the WordPress logo. Below it is a 'Welcome' section with a message about the five-minute installation process. The 'Information needed' section follows, with a note that settings can be changed later. The form fields are: 'Site Title' (placeholder: Website Name), 'Username' (placeholder: mockexam, with a note about allowed characters), 'Password' (placeholder: mockexam, with a 'Hide' button and a 'Very weak' warning), 'Confirm Password' (checked checkbox for 'Confirm use of weak password'), 'Your Email' (placeholder: any@email.com, with a note to double-check), and 'Search engine visibility' (unchecked checkbox for 'Discourage search engines from indexing this site'). At the bottom, the 'Install WordPress' button is highlighted with a red rectangle.

Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title

Username

Names can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password [Hide](#)

Very weak

Important: You will need this password to log in. Please store it in a secure location.

Confirm Password ☒ Confirm use of weak password

Your Email

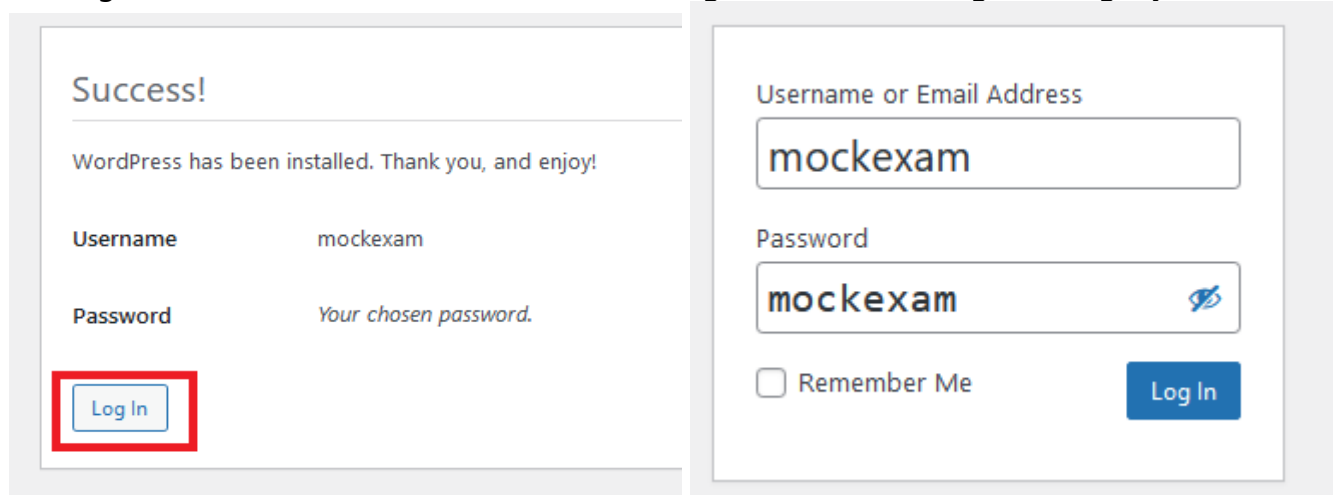
Double-check your email address before continuing.

Search engine visibility ☐ Discourage search engines from indexing this site

It is up to search engines to honor this request.

[Install WordPress](#)

10. You'll get a WordPress Installation success message. You can now login to begin your website.



The image shows two side-by-side panels. The left panel is a 'Success!' message stating 'WordPress has been installed. Thank you, and enjoy!'. It lists the 'Username' as 'mockexam' and the 'Password' as 'Your chosen password.'. The 'Log In' button is highlighted with a red rectangle. The right panel is the login form, with 'Username or Email Address' (placeholder: mockexam) and 'Password' (placeholder: mockexam, with a 'Show' button). It includes a 'Remember Me' checkbox and a 'Log In' button.

Success!

WordPress has been installed. Thank you, and enjoy!

Username mockexam

Password Your chosen password.

[Log In](#)

Username or Email Address

Password [Show](#)

☐ Remember Me [Log In](#)

Website Name

0

New

Howdy, mockexam

Screen Options

Help

Dashboard

Home

Updates

Posts

Media

Pages

Comments

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Welcome to WordPress!

[Learn more about the 6.2.2 version.](#)



Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

[Add a new page](#)



Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)



Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

Site Health Status

Quick Draft

Site health checks will automatically run

Title