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Ex.No.1

Install and Configure Joomla Tool

Date :

Aim:

To install and configure Joomla tool.

Description

Joomla is a free and open-source content management system (CMS) for publishing web content. It is built on a model–view–controller web application framework that can be used independently of the CMS that allows to build powerful online applications. Joomla is user friendly, extendable, multilingual, accessible, responsive, search engine optimized and so much more.

CMS is an application (web-based), that provides capabilities for multiple users with different permission levels to manage (all or a section of) content, data or information of a website project, or intranet application. Managing content refers to creating, editing, archiving, publishing, collaborating on, reporting, distributing website content, data and information.

Joomla can be used for:

- Corporate websites or portals, intranets and extranets
- Small business websites
- Online magazines, newspapers, and publications
- E-commerce and online reservations
- Government, non-profit and organizational websites
- Community-based, school and church websites or portals
- Personal or family homepages ...

Procedure:

- Download XAMPP control panel and install it.
- Now enable the Apache, MySQL services.
- Download JOOMLA and extract it inside the htdocs folder.
- Now goto localhost/phpMyAdmin on your browser.
- Create a database in MySQL.
- No goto localhost/Joomla on your browser.
- Now fill in the main configuration and database configuration details and click “Install Joomla”.
- Now JOOMLA gets installed.
- Create a new website by entering your own website name in the JOOMLAWeb page.

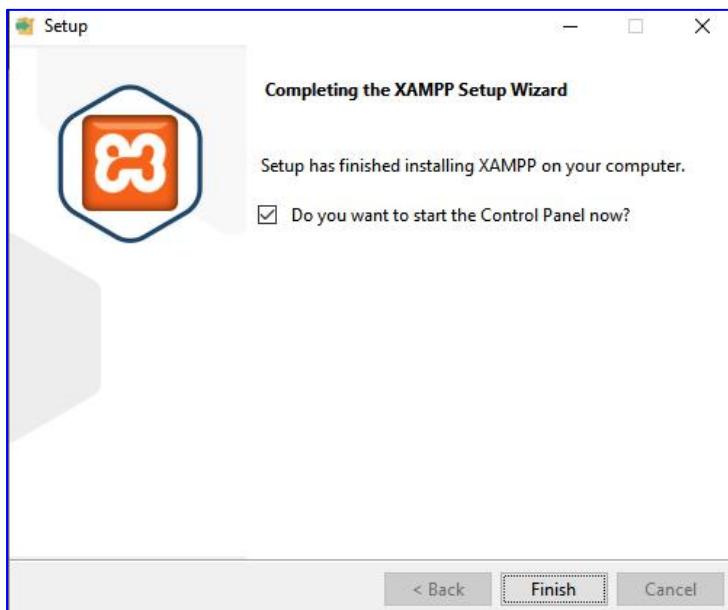
Installation:

Step 1: Install and Activate XAMPP

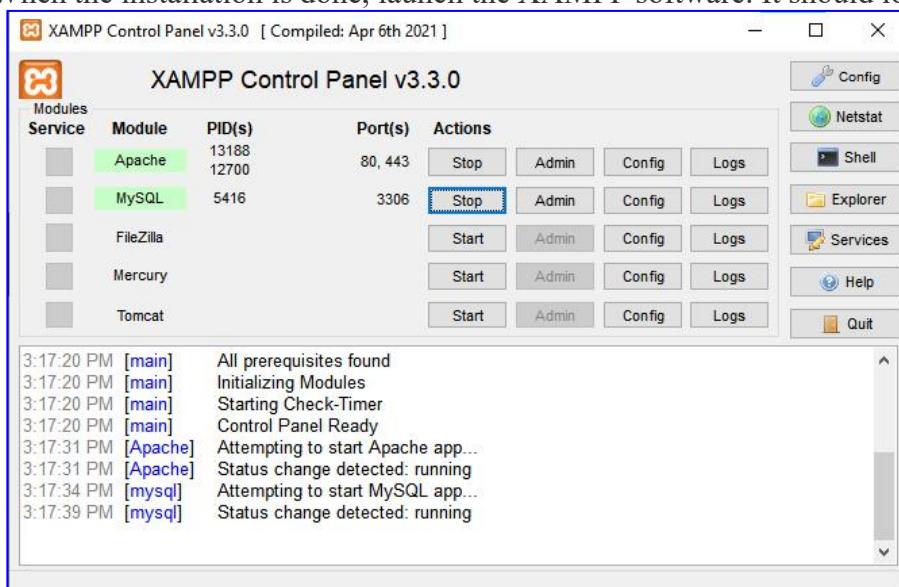
Firstly, download XAMPP from the link given below:

<https://www.apachefriends.org/index.html>

Just download the valid Windows installer of XAMPP and install it by running the installer package. It can be installed easily, just like the other windows software. It is suggested to use the default location for installation.



When the installation is done, launch the XAMPP software. It should look like this:



Now, activate the XAMPP software by turning on the options, shown in the above screenshot.

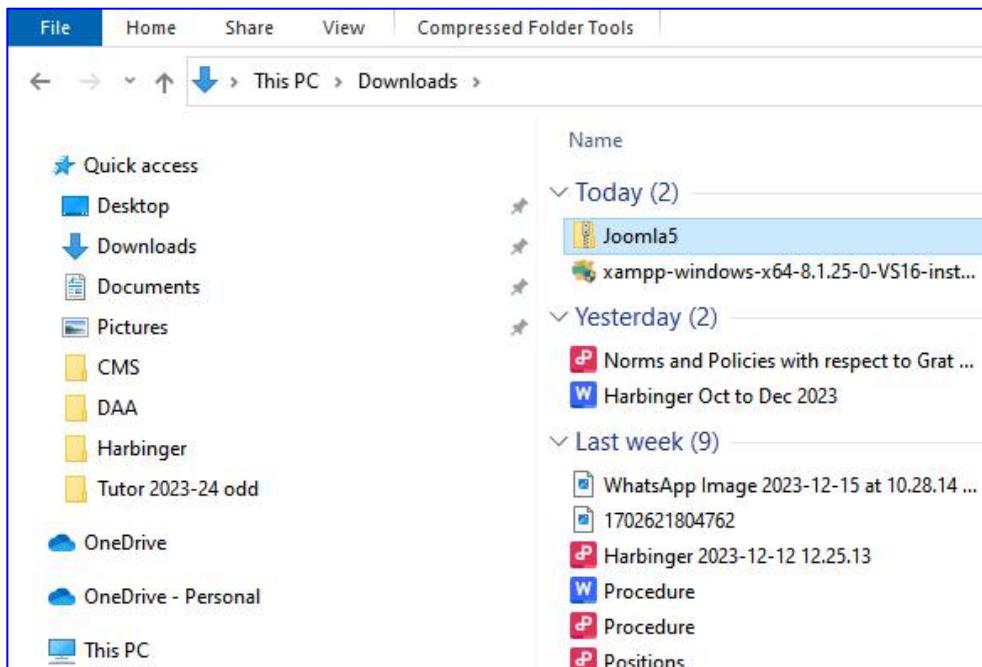
Step 2: Joomla Download and Upload

If you install in your localhost, then you need to

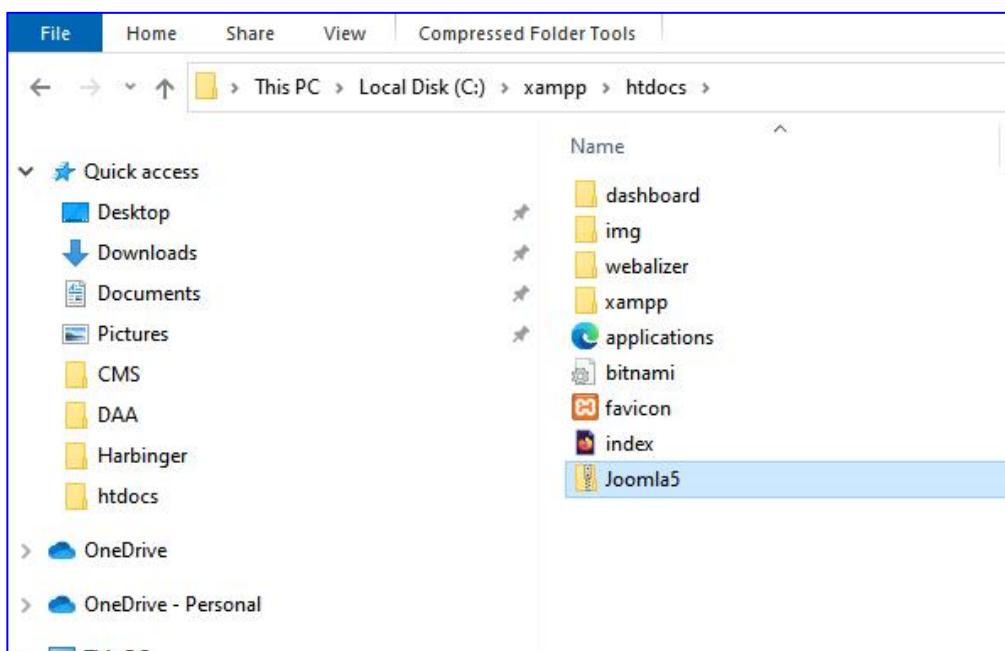
Download the .zip or .tar.gz file of Joomla from the official website. <https://downloads.joomla.org/>

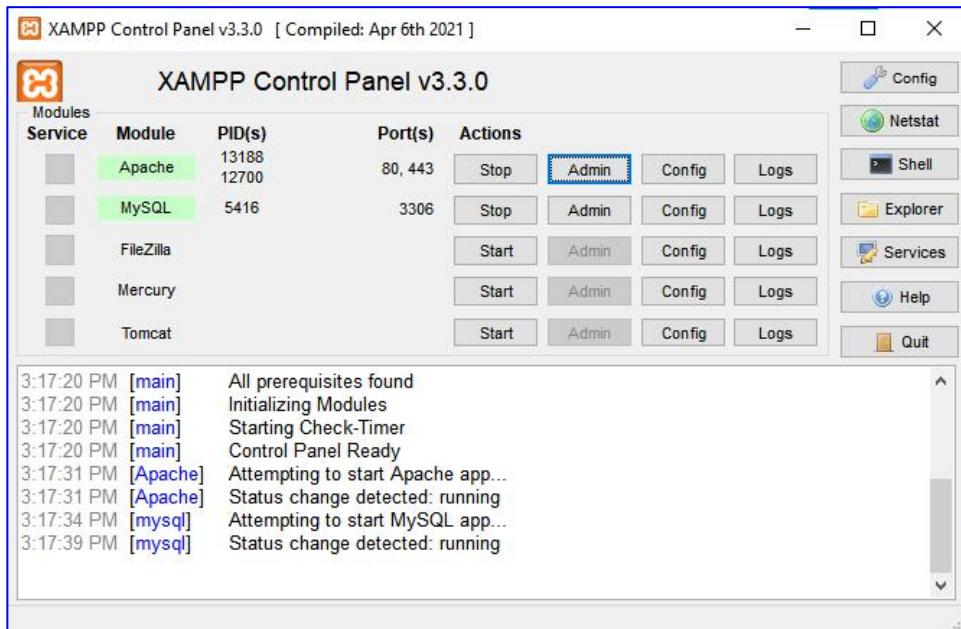
The screenshot shows two windows side-by-side. The top window is a web browser displaying the Joomla! Downloads page at <https://downloads.joomla.org/>. The page features a large green button with the text "Download Joomla! 5.0.1" and "English (UK), 5.0.1 Full Package, ZIP". Below this button, there is a brief description of the latest version (5.0.1) and its features. The bottom window is a Windows File Explorer showing the contents of the "Downloads" folder. It lists several files, including "Joomla_5.0.1-Stable-Full_Package.zip" (selected), "xampp-windows-x64-8.1.25-0-VS16-inst...", "Norms and Policies with respect to Grat...", "Harbinger Oct to Dec 2023", "WhatsApp Image 2023-12-15 at 10.28.14...", "1702621804762", "Harbinger 2023-12-12 12.25.13", "Procedure", "Procedure", "Positions", "CONTENT MANAGEMENT SYSTEM I18E0...", and "Unit-1".

Rename it as Joomla5 as:



Cut and paste the Joomla5 folder in the C:\xampp\htdocs\ folder as:





The screenshot shows the XAMPP dashboard at the URL "localhost/dashboard/". The page features a header with the XAMPP logo and the text "XAMPP Apache + MariaDB + PHP + Perl". Below the header is a "Welcome to XAMPP for Windows 8.1.25" message. The message states: "You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications." It also notes: "XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others." A link to "Start the XAMPP Control Panel to check the server status." is provided. Below this is a "Community" section with links to "Activate My Account", "Go to Settings", and social media links for Facebook and Twitter.

Step 3: Create a Database

Before installing the Joomla, you will need to create a database that you can use to connect. To do this, open a browser and navigate to **localhost/phpmyadmin**. Click on the tab named '**Databases**' which is available at the top of the page. Put a name that you want to use as a name for the database and click on the '**create**' button.

To create on a live server, navigate through your control panel, and open

Databases > MySQL Databases section.

Create your database name, user id, and password.

The screenshot shows the 'Databases' section of the phpMyAdmin interface. A 'Create database' form is open, with 'Mydb' entered in the database name field and 'utf8mb4_general_ci' selected in the collation dropdown. Below the form is a table listing existing databases: information_schema, mysql, performance_schema, phpmyadmin, and test. The table includes columns for Database, Collation, and Action. The 'Total: 5' message is at the bottom.

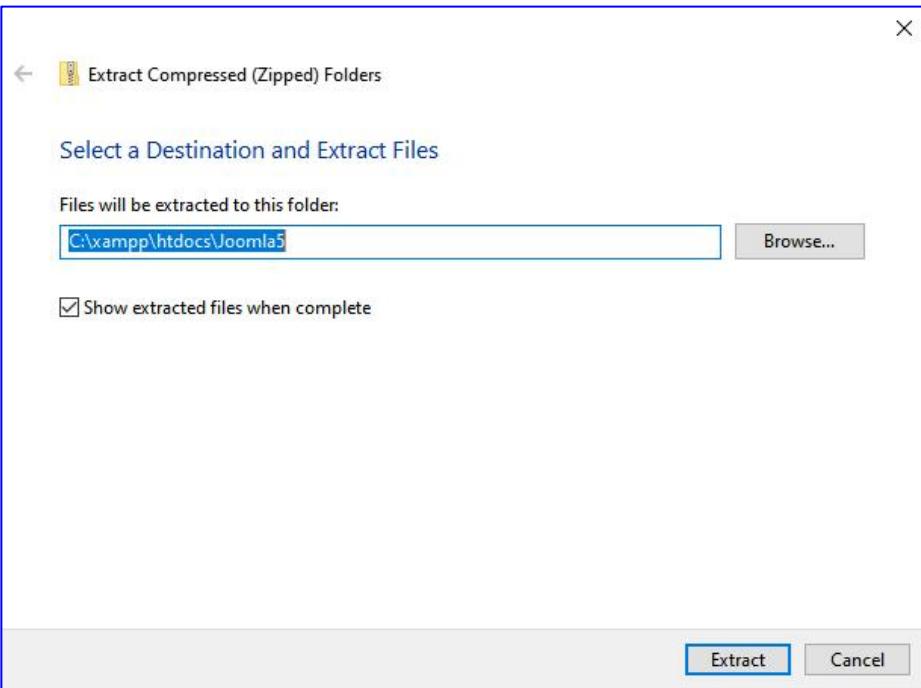
The screenshot shows the 'Structure' tab for the 'mydb' database. A 'Create new table' form is open, with 'Table name' set to an empty field and 'Number of columns' set to 4. The 'Create' button is visible at the bottom right of the form.

Keep remembering the name of the database that you created because it will be required during the Joomla installation.

Step 4: Install Joomla

Extract the downloaded file and copy all the files into the 'htdocs' folder, which is available in the XAMPP installation directory. You can also create the subdirectory and copy all the files into that subdirectory. Here, we are using a subdirectory 'Joomla'.

This PC > Local Disk (C:) > xampp > htdocs > Joomla5



Open xampp control panel & type localhost/joomla5

The screenshot shows a web browser window with the URL 'localhost/joomla5'. The page header includes links for Apache Friends, FAQs, HOW-TO Guides, PHPInfo, and phpMyAdmin. The main content features the XAMPP logo and a welcome message for 'XAMPP for Windows 8.1.25'. It also includes a note about successful installation and instructions for starting the server.

Welcome to XAMPP for Windows 8.1.25

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, and PHP. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it less secure if you want to have your installation accessible to others.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by liking us on [Facebook](#), or following our exploits on [Twitter](#).

Enter the site name as: Mysite

The screenshot shows the Joomla Installer interface at the 'Select Installation Language' step. The URL in the browser is 'localhost/joomla5/installation/index.php'. The page title is 'Joomla!® Joomla Installer Joomla! 5.0.1'. A dropdown menu under 'Select Language' shows 'English (United States)' selected. Below it, the 'Setup Site Name' step is shown, where the site name 'Mysite' is entered into a text input field. A blue button labeled 'Setup Login Data >' is visible.

Click Setup Login data

The screenshot shows the Joomla Installer interface at the 'Login Data' step. The page title is 'Login Data'. It asks for the real name ('Uma Ravichandran'), username ('Uma'), and password ('.....'). A green progress bar indicates 'Password accepted'. It also asks for the email address ('uma.dit@psgpolytech.ac.in'). A blue button labeled 'Setup Database Connection >' is at the bottom.

Click Setup Database Connection & Enter the user name as “root”

The screenshot shows the 'Database Configuration' step of a Joomla installation. It includes fields for database type (MySQLi), host name (localhost), username (root), password (empty), database name (joomla_db), table prefix (uuix5_), connection encryption (Default (server controlled)), and a note about existing databases. A large blue button at the bottom right says 'Install Joomla >'.

Database Configuration

Select the database type. *

MySQLi

Enter the host name, usually "localhost" or a name provided by your host. *

localhost

Either a username you created or a username provided by your host. *

root

Either a password you created or a password provided by your host.

Enter the database name. *

joomla_db

Enter a table prefix or use the randomly generated one. *

uuix5_

If you are using an existing database with tables with the same prefix, Joomla will rename those existing tables by adding the prefix "bak_".

Connection Encryption *

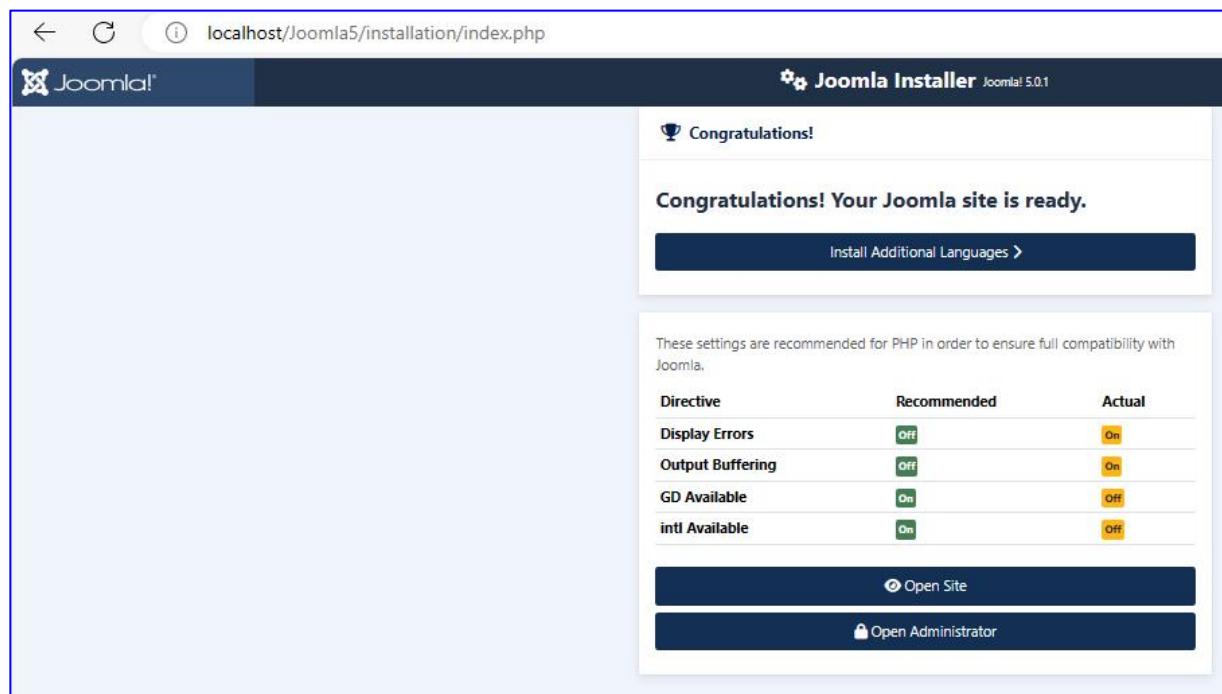
Default (server controlled)

Install Joomla >

Click “Install Joomla.”

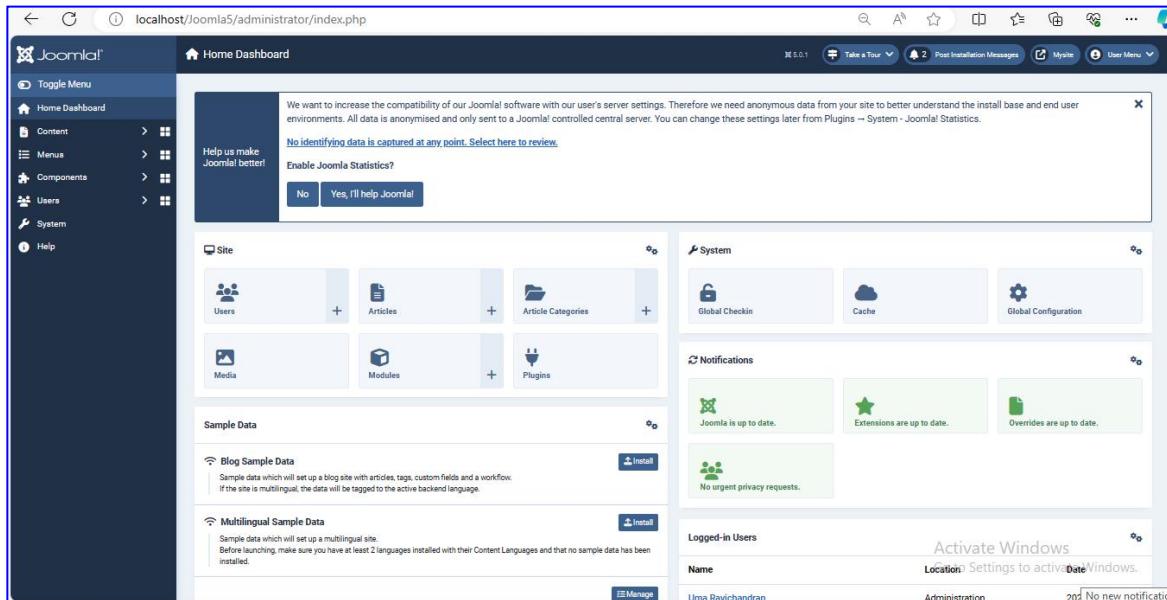
In the xampp control panel, click admin & type:

Localhost/Joomla5/administrator



When you have completed the installation, you are ready to open the front-end and back-end of your website. Either click on 'Open Site' or type your domain in the browser's address bar to open the front-end of your site or Click Open Administrator. If you have logged in into your account, then you can directly edit the options from the front-end view.

The screenshot shows the Joomla administrator login screen. It features the Joomla logo at the top. Below it are two input fields: 'Username' with 'Jma' typed in, and 'Password' with a masked password. To the right of the password field is a visibility toggle icon. Below the fields is a large blue 'Log in' button. At the bottom of the form is a link 'Forgot your login details?' with a question mark icon.



Result:

Thus the Content Management tool Joomla is installed and configured successfully.

Ex.No.2 Create a CMS admin and organize a site using Joomla Site Management

Date :

Aim:

To create a CMS admin and organize a site using Joomla Site Management.

Joomla Basics

Like any other CMS, websites created with Joomla are controlled through a backend interface. In Joomla's case, it's called a Control Panel, and you can find it on <https://yourdomain.com/administrator> by default. The first things you'll see once logged are new message notifications, a log of the recent user actions, as well as left-side menus with shortcuts to essential areas in the backend.

The screenshot shows the Joomla Control Panel's left sidebar menu. It includes sections for CONTENT (New Article, Articles, Categories, Media), STRUCTURE (Menu(s), Modules), USERS (Users, No Urgent Requests), CONFIGURATION (Global, Templates, Language(s)), EXTENSIONS (Install Extensions), and MAINTENANCE (Joomla is up to date, All extensions are up to date).

- CONTENT**
 - New Article
 - Articles
 - Categories
 - Media
- STRUCTURE**
 - Menu(s)
 - Modules
- USERS**
 - Users
 - No Urgent Requests.
- CONFIGURATION**
 - Global
 - Templates
 - Language(s)
- EXTENSIONS**
 - Install Extensions
- MAINTENANCE**
 - Joomla is up to date.
 - All extensions are up to date.

From here, you can write and publish articles, create menus, install modules, manage users, and many more. These tools, along with the rest of the utilities, are categorized and accessible from the ribbon at the top of the screen, as well.

It includes:

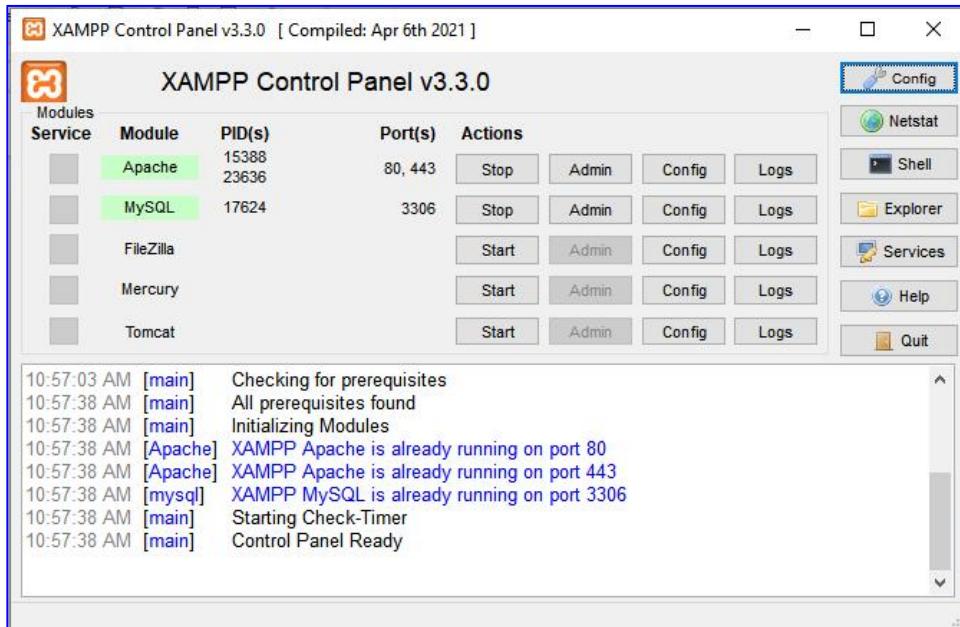
- Selecting template
- Customizing template
- Installing template
- Installing extensions
- Creating& positioning modules
- Creating articles
- Adding articles to navigation menus

Procedure:

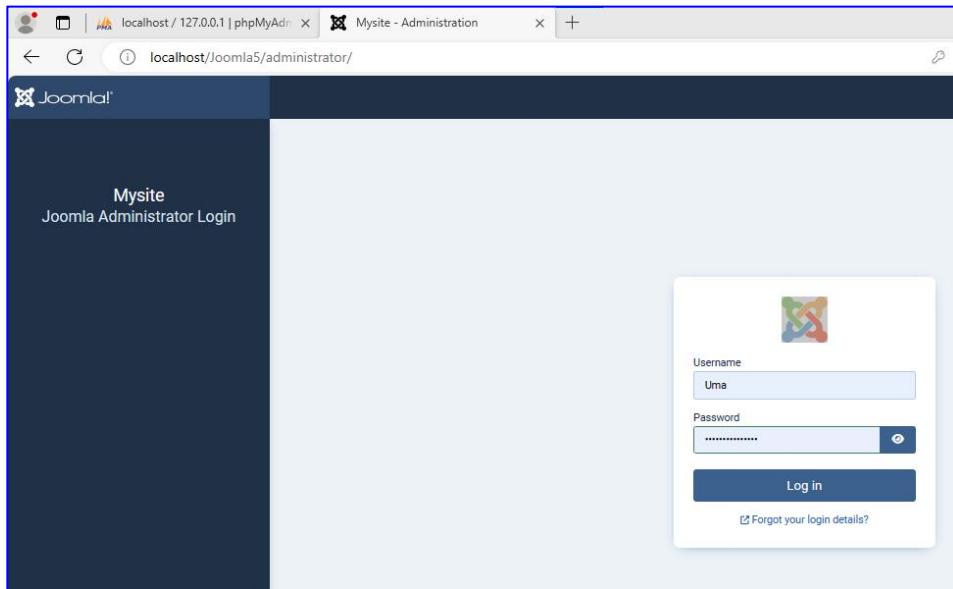
- Log into your Joomla Backend.
- The default URL is <yourwebsite>/administrator.
- Go to **Users → Manage**.
- Click on *New* in the top left corner.
- Enter a Name.
- Enter a Login Name.
- Enter an Email address. This address should be set to receive System Emails.
- Enter and then confirm the password.
- Select Administrator or Super User depending on the access level you wish to grant.
- Save & Close.

1. Creating Users

Step 1: Start apache and mysql in Xampp control panel.



Step 2: Navigate to localhost/Joomla5/administrator to open administrator panel.



Step 3: Under Site > Users -> click on the plus symbol to create a new user.

The screenshot shows the Joomla! Home Dashboard. On the left is a dark sidebar with a 'Joomla!' logo and a 'Home Dashboard' icon. Below it are links for Content, Menus, Components, Users, System, and Help. The main area has a dark header with a house icon and 'Home Dashboard'. A blue sidebar on the right says 'Help us make Joomla! better!' with a message about compatibility and anonymised data sent to a central server. It has two buttons: 'No' and 'Yes, I'll help Joomla!'. Below this is a 'Site' section with icons for Users, Articles, Article Categories, Media, Modules, and Plugins, each with a '+' sign to add more. The URL in the browser is 'localhost/Joomla5/administrator/index.php'.

Step 4: Enter the Username, Password & Mail id and click Save & Close. Similarly create one more user.

The screenshot shows the Joomla! User creation form for a user named 'student'. At the top are three buttons: 'Save', 'Save & Close', and 'Cancel'. Below them is a blue sidebar with the 'Help us make Joomla! better!' message and 'No identifying data is captured at any point. Select here to review.' link. There is also an 'Enable Joomla Statistics?' checkbox with 'No' and 'Yes, I'll help Joomla!' buttons. The main form has tabs for 'Account Details', 'Assigned User Groups', 'Basic Settings', 'Accessibility Settings', and 'Joomla API Token'. The 'Account Details' tab is selected. It contains fields for Name (student), Login Name (Username) (student), Password (with a redacted password), Confirm Password (with a redacted password), and Email (student@psgpolytech.ac.in). The URL in the browser is 'localhost/Joomla5/administrator/index.php'.

The screenshot shows the Joomla! User Management page. A success message at the top states "User saved." Below it, a yellow warning box says "Could not instantiate mail function." and "Email could not be sent." A survey overlay is present, asking if the user wants to help make Joomla! better, with options "No" and "Yes, I'll help Joomla!". The main table lists two users: "student" and "Uma Ravichandran".

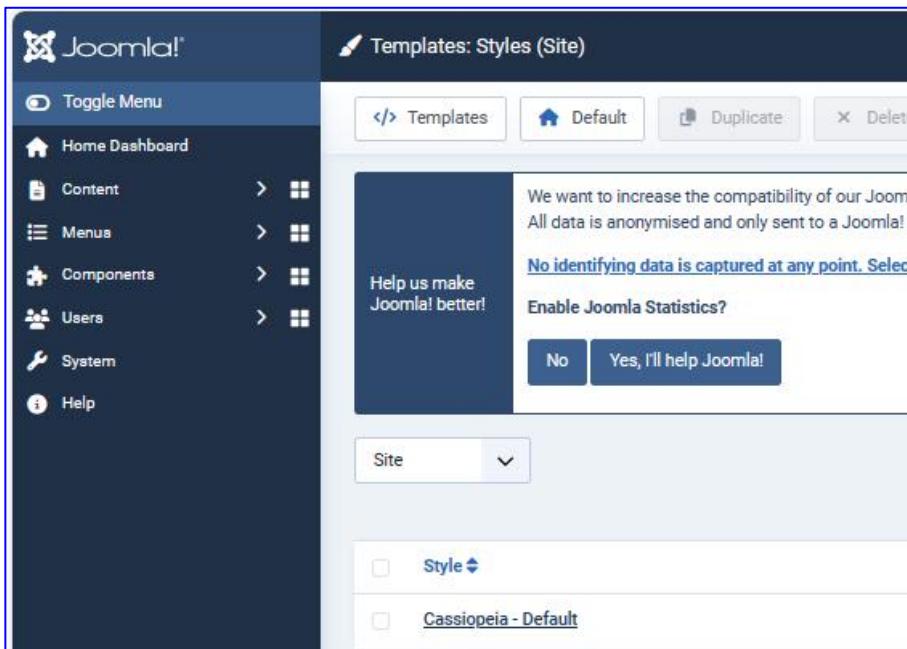
Name	Username	Enabled	Activated	MFA	User Groups	Email
student	student	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Registered	student@psgpolytech.a c.in
Uma Ravichandran	Uma	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Super Users	uma.dit@psgpolytech.a c.in

2. Modify the site template

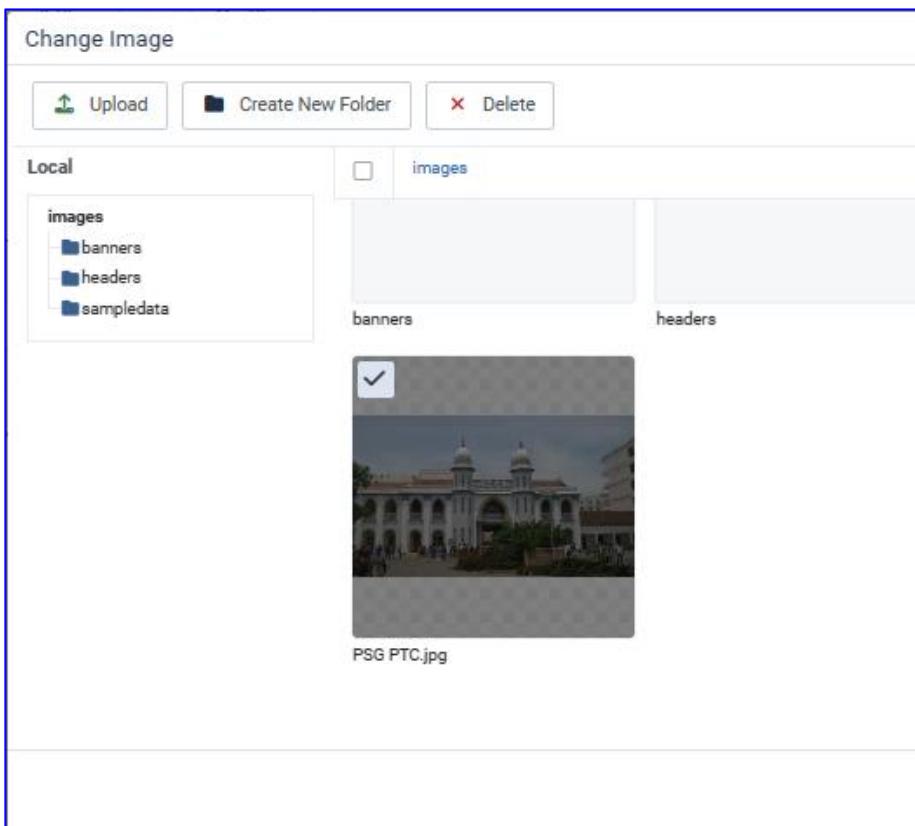
Step 5: In the left panel click System and go to Site Template Styles as:

The screenshot shows the Joomla! System Dashboard. On the left, the navigation menu has "System" selected. The main content area shows a survey overlay and a sidebar with links: "Setup", "Global Configuration", "Install", "Extensions", "Discover", "Languages", "Templates", "Site Templates", and "Site Template Styles".

Step 6: Now click the default template:



Now click Advanced & Add Logo and click Save & Close.



Help us make Joomla! better!
[No identifying data is captured at any point. Select here to review.](#)
 Enable Joomla Statistics?

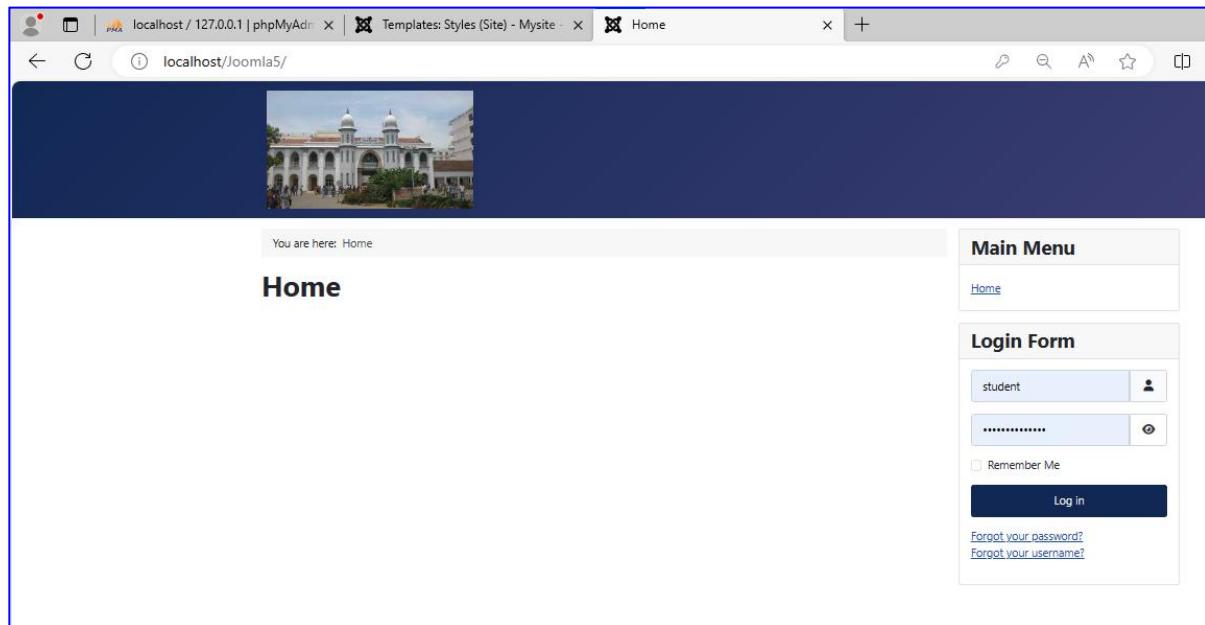
Style Name *

Details Advanced Menu Assignment

Advanced

Brand	<input checked="" type="checkbox"/> Yes
Logo	 images/PSG%20PTC.jpg#joomlaImage://local-images/PSG PTC.jpg?width=297&height=170 <input type="button" value="Select"/> <input type="button" value="X"/>

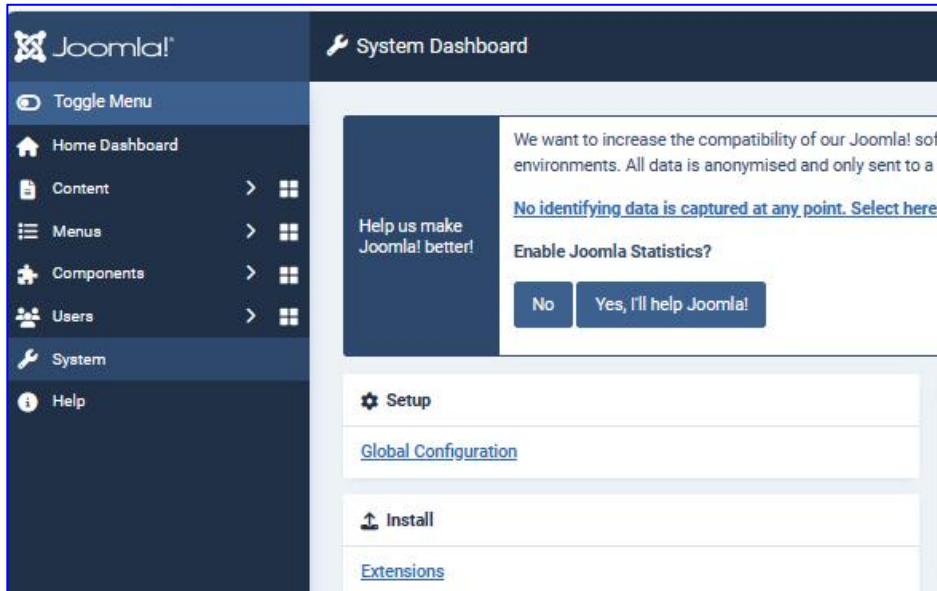
Now open a new tab & open localhost/Joomla5/ to view the new site template as:



3. Create a Poll

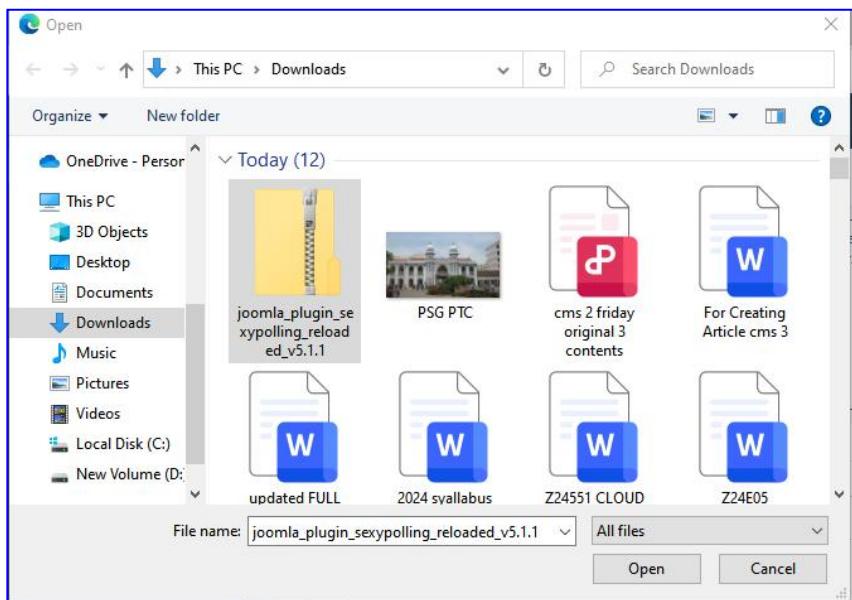
Step 7: Now download the Joomla Extension “sexy polling reloaded” from github.

Step 8: Click on System -> Install Extensions as:

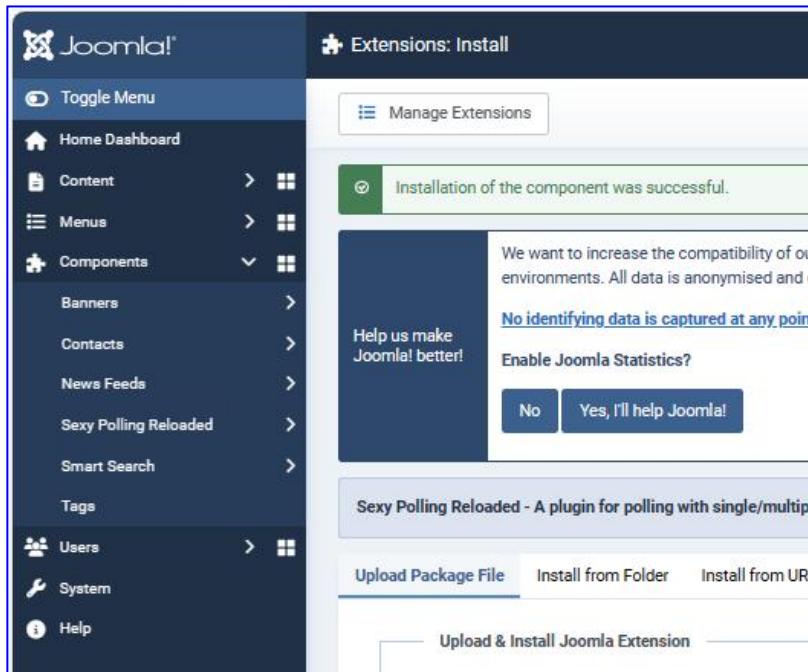


This is a detailed view of the 'Install' section from the previous screenshot. It features a large dashed rectangular area for dragging and dropping files, with an upward arrow icon and the text 'Drag and drop file here to upload.' Below this is a green button labeled 'Or browse for file'. At the bottom, it specifies 'Maximum upload size: 40.00 MB'.

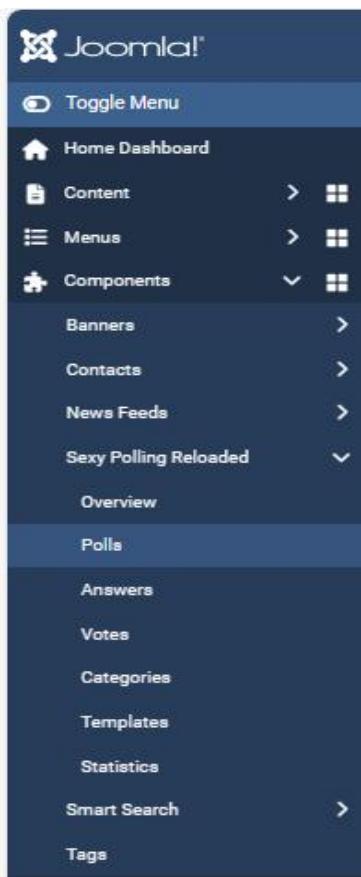
Drag & drop the downloaded zip file to install as:



Now click on Components to see the installed Sexy Polling Reloaded Extension as:



Now click on Sexy Polling Reloaded & Click on Polls.



Step 9: Click on New to create a new poll

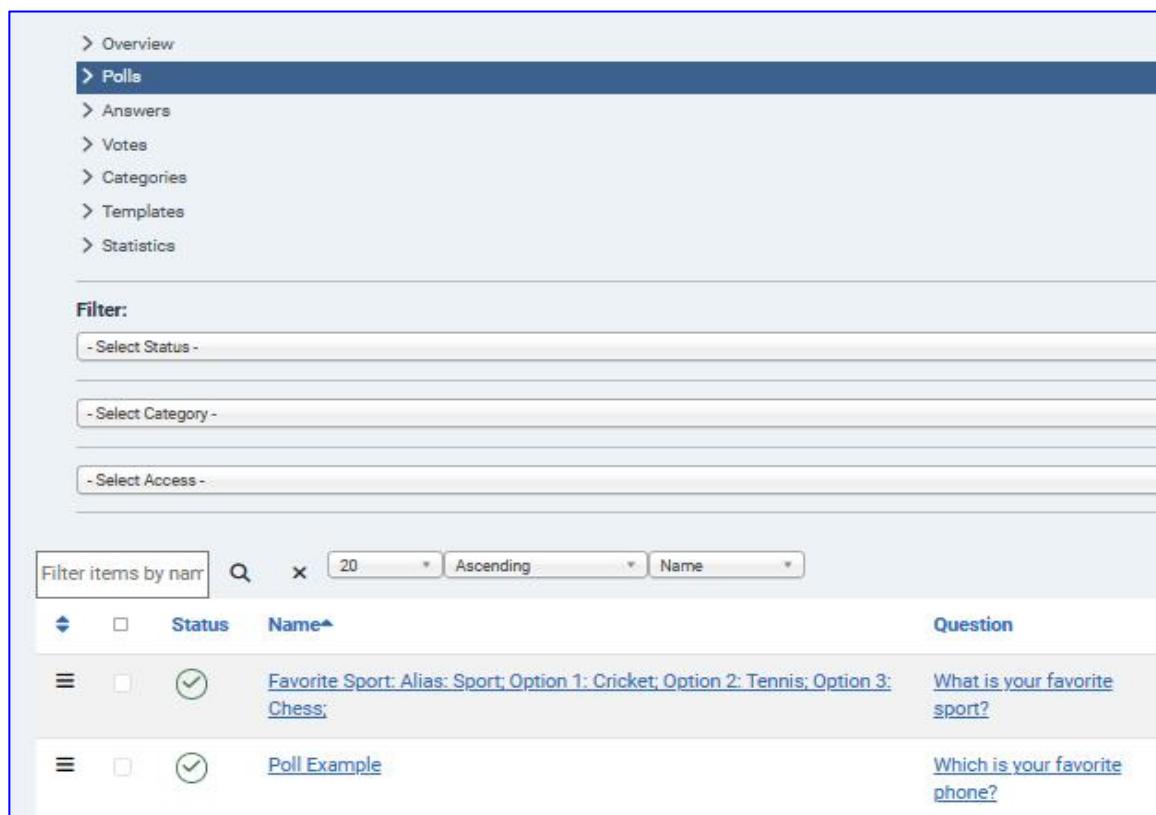
A screenshot of the 'Polls - Sexy Polling' page. The top navigation bar shows 'Joomla!', 'Toggle Menu', and the title 'Polls - Sexy Polling'. Below it is a toolbar with buttons for '+ New', 'Edit', 'Publish', and 'Unpublish'. A central dialog box contains the text: 'We want to increase the compatibility of Joomla! with other platforms. All data is anonymised and only serves to improve the platform.' It also includes a link 'No identifying data is captured at all' and a question 'Enable Joomla Statistics?'. At the bottom of the dialog are two buttons: 'No' and 'Yes, I'll help Joomla!'. On the left is a sidebar with the same menu structure as the previous screenshot, and on the right is a sidebar with links: Overview, Polls (selected and highlighted in blue), Answers, Votes, Categories, and Templates.

Type the Name & Question and click Save & Close.

The screenshot shows the Joomla! Poll creation interface. At the top, there are three buttons: 'Save' (disabled), 'Save & Close' (disabled), and 'Cancel'. Below these buttons is a message about Joomla! Statistics and a link to review data capture. A blue sidebar on the left says 'Help us make Joomla! better!' with two buttons: 'No' and 'Yes, I'll help Joomla!'. The main form area has sections for 'Basic Options' and 'Advanced Options'. In 'Basic Options', fields include 'Name *' (Favorite Sport: Alias: Sport; Option 1: Cricket; Option 2: Tennis; Option 3: Chess;), 'Question *' (What is your favorite sport?), 'Category' (Uncategorized), and 'Template' (Gray). In 'Advanced Options', fields include 'Multiple Answers' (No) and 'Number Options' (3). The entire interface is framed by a blue border.

Step 11: Now enter the questions on the poll and click save and close

The screenshot shows the Joomla! Overview - Sexy Polling page. On the left is a dark sidebar with a 'Toggle Menu' button and links to Home Dashboard, Content, Menus, Components, Users, System, and Help. The main content area displays the poll created in Step 11. It includes the poll question 'What is your favorite sport?', the 'Yes, I'll help Joomla!' button, and a list of categories: Polls, Answers, Votes, Categories, Templates, and Statistics. At the bottom, there is a footer with the text 'Sexy Polling Reloaded - Copyright © 2010 - 2021 2GLux. A' and links for 'Download' and 'Support'.



> Overview

> **Polls**

> Answers

> Votes

> Categories

> Templates

> Statistics

Filter:

- Select Status -

- Select Category -

- Select Access -

Filter items by name 20 Ascending Name

Status	Name [▲]	Question
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Favorite Sport: Alias: Sport; Option 1: Cricket; Option 2: Tennis; Option 3: Chess;
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Poll Example

Result:

Thus a CMS admin is created and site is organized in Joomla successfully.

Ex.No.3

Create & edit articles, menus & modules using Joomla

Date :

Aim:

To create and edit articles, menus and modules using Joomla.

Joomla Article is a piece of content consisting of text, links to other resources, image, media, etc. Articles are the basic units of information in the content system and the bottom level in the content hierarchy.

Joomla Menu is a set of menu items used for website navigation. Each menu item defines an URL to a page on your site, and holds settings that control the contents (articles, category lists, tagged items, etc), view and style of that page. Menu is the most popular and standard way to publish content to front-page.

A module is an add-on to the site that extends the functionality. A module usually occupies a secondary portion of the web page and is not considered the primary focus of a page. It can be displayed on different positions and you can choose on which active menu items it should be displayed. Modules are lightweight and flexible extensions. They are used for small bits of the page that are generally less complex and are able to be seen across different components.

Module types:

- Breadcrumbs Module
- Feed Display Module
- Custom Module
- Footer Module
- Latest News Module
- Search Module
- Random Image Module
- Who's Online Module

Procedure:

Step 1: Start apache and mysql in Xampp control panel

Step 2: Navigate to localhost:8080/administrator to open administrator panel

Step 3: In the left panel, choose article and click new

Step 4: In the article page, Enter the article title

Step 5: Fill in the article content and choose the article position to main

Step 6: Click save and close to exit the article page

Step 7: Navigate to All menu items, under the menu drop-down in the left panel

Step 8: Click new to create a menu and select the menu type as Single article and select your article

Step 9: Enter the menu Title and select the menu's parent as Main

Step 10: Create a new menu with the parent as the previous menu to create a sub menu.

Step 11: Preview the web page.

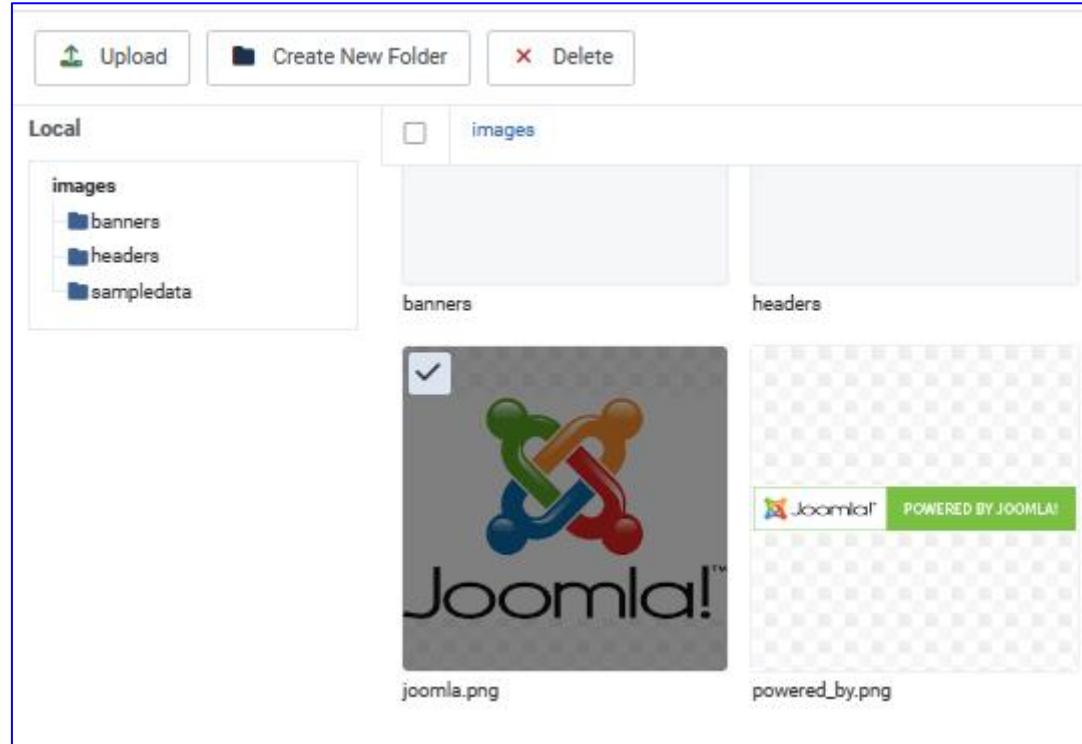
1. Creating a new article

Click **Content → Article** --> "New" button to create new article.

Adding new article page: add article title, article content and assign it to a category:

The screenshot displays the Joomla! back-end interface. The top navigation bar shows the Joomla! logo and the 'Articles' menu item. On the left, the sidebar includes 'Toggle Menu', 'Home Dashboard', and dropdown menus for 'Content' (selected), 'Articles' (selected), and 'Categories'. The main content area is titled 'Articles: Edit'. It features a toolbar with buttons for Save, Save & Close, Close, Versions, Preview, and Accessibility Check. Below the toolbar, the 'Title *' field contains 'Joomla' and the 'Alias' field contains 'joomla-2'. A tab bar at the bottom includes 'Content' (selected), 'Images and Links', 'Options', 'Schema', 'Publishing', 'Configure Edit Screen', and 'Permissions'. The 'Content' tab is active, showing the 'Article Text' editor with various rich-text tools like bold, italic, underline, and alignment options. The editor contains the heading 'About Joomla!' and a paragraph of text: 'Joomla! is a free and open-source content management system (CMS) for publishing web content. Over the years Joomla! has won several awards. It is built on a model-view-controller web application framework that can be used independently of the CMS that allows you to build powerful online applications.' Below this, another paragraph states: 'Joomla! is one of the most popular website software, thanks to its global community of developers and volunteers, who make sure the platform is user friendly, extendable, multilingual, accessible, responsive, search engine optimized and so much more.'

To add intro images and full article image for the article, open the tab **Images and Links** then browse image for intro image and full article image. The image size depends on the site layout.



The screenshot shows the 'Full Article Image' configuration dialog. It includes fields for 'Full Article Image' (with a preview of the Joomla logo), 'Image Description (Alt Text)' (empty), 'No Description' (unchecked), 'Image Class' (set to 'Use Global (left)'), and 'Caption' (empty). At the bottom right is a 'Select' button and a red 'X' button.

The screenshot shows the Joomla! Content - Articles management interface. On the left, the sidebar includes links for Toggle Menu, Home Dashboard, Content (Articles, Categories, Featured Articles, Fields, Field Groups, Media), Site Modules, and Administrator Modules. The main area is titled 'Articles' and contains a toolbar with 'New' and 'Actions'. A table lists two articles: 'Joomla' (Alias: joomla, Category: Uncategorized) and 'ICC World Cup Finals' (Alias: icc-world-cup-finals, Category: Uncategorized). The table has columns for Featured, Status, and Title.

Display Articles in Front-end

To display an article in front-page of your Joomla site, the standard way is link it in the menu of your website. To do this, we will create new menu item. Go to **Menus** → **All Menu Items** --> click the **Home**.

The screenshot shows the Joomla! Menus: All Menu Items interface. The sidebar includes links for Toggle Menu, Home Dashboard, Content, and Menus (Manage, All Menu Items). The main area is titled 'Menus: All Menu Items' and contains a toolbar with 'New', 'Actions', and 'Rebuild'. It shows a list of menu items with columns for Status and Title. One menu item, 'Home' (Alias: home, Articles > Single Article), is selected and highlighted with a checkmark.

In the adding new menu item, add title for the menu and select menu type, there are lots of menu type, to show article in front-page, select **Menu Item Type: Single Article**

The screenshot shows the 'Menus: Edit Item' dialog in the Joomla! administrator interface. The 'Title *' field contains 'Home'. The 'Menu Item Type *' dropdown is set to 'Single Article'. The 'Select Article *' dropdown is set to 'Select an Article'. The 'Link' field contains 'index.php?option=com_content&view=article&id=2'. The 'Target Window' field is set to 'Parent'. The 'Template Style' field is set to '- Use Default -'. The 'Details' tab is selected.

Select Article: Joomla as:

The screenshot shows the 'Select an Article' dialog. It lists two articles: 'Joomla' and 'ICC World Cup Finals'. Both articles have a checked status and are sorted by title. The 'Joomla' article has an alias of 'joomla' and is uncategorised. The 'ICC World Cup Finals' article has an alias of 'icc-world-cup-finals' and is also uncategorised.

Status	Title
✓	Joomla Alias: joomla Category: Uncategorized
✓	ICC World Cup Finals Alias: icc-world-cup-finals Category: Uncategorized

Joomla! Menus: Edit Item

Save Save & Close Close

Title * Home Alias home

The Alias will be used as part of the URL.

Details Options Link Type Page Display Metadata Module Assignment

Menu Item Type * Single Article Select

Select Article * Joomla Edit Clear

Link index.php?option=com_content&view=article&id=1

Target Window Parent

Template Style - Use Default -

Menu * Main Menu

Parent Item - No parent -

Ordering Home

Status Published

Default Page Yes

Select Menu: Main Menu and Click Save & Close.

Now, open the site front-end to see how the article is displayed.

You are here: Home

Home

Joomla

Details

- Written by: Uma Ravichandran
- Category: Uncategorized
- Published: 09 January 2024
- Hits: 1

 **About Joomla!**

Joomla! is a free and open-source content management system (CMS) for publishing web content. Over the years Joomla! has won several awards. It is built on a model-view-controller web application framework that can be used independently of the CMS that allows you to build powerful online applications.

Joomla! is one of the most popular website software, thanks to its global community of developers and volunteers, who make sure the platform is user friendly, extendable, multilingual, accessible, responsive, search engine optimized and so much more.

2. Creating a Menu

Click Menu -->+New.

The screenshot shows the Joomla! administrator interface. On the left, the navigation menu includes 'Content', 'Menus', 'Manage', 'All Menu Items', 'Main Menu', and 'Components'. The 'Menus' item is expanded, showing 'Main Menu' with a checkmark. The main content area is titled 'Menus: All Menu Items' and shows a table with one row. The row contains a checkbox (unchecked), the title 'Home' (underlined), and the alias 'Alias: home'. Below the table are buttons for '+ New', 'Actions', and 'Rebuild'.

Menu Item Type -> Article -> Single Article

Select Article: ICC

Menu: Main Menu

Parent Item: Home

The screenshot shows the 'Menus: New Item' dialog. At the top are buttons for 'Save', 'Save & Close', and 'Cancel'. The 'Title' field contains 'ICC'. The 'Alias' field has an 'Auto-generate from title' option. The 'Details' tab is selected, showing the following fields:

- Menu Item Type: Single Article (with a 'Select' button)
- Select Article: ICC (with 'Edit' and 'Clear' buttons)
- Link: index.php?option=com_content&view=article
- Target Window: Parent
- Template Style: - Use Default -
- Menu: Main Menu (selected)
- Parent Item: - Home (selected)
- Status: Published
- Default Page: No (unchecked)



You are here: [Home](#) / [Home](#) / ICC

ICC

Details

Written by: Uma Ravichandran

Category: [Uncategorised](#)

Published: 09 January 2024

Hits: 3



Main Menu

[Home](#)

[ICC](#)

Login Form

Uma	<input type="button" value=""/>
.....	<input type="button" value=""/>
<input type="checkbox"/> Remember Me	
<input type="button" value="Log in"/>	

[Forgot your password?](#)
[Forgot your username?](#)

Activ
Go to

The 2011 Cricket World Cup Final was the final match of the [2011 Men's Cricket World Cup](#), the 10th edition of [ICC's championship](#) of [One Day International](#) (ODI) [cricket](#). The match was played between [India](#) and [Sri Lanka](#) at the [Wankhede Stadium, Mumbai](#), India on Saturday 2 April 2011. It was the first time that two Asian teams had faced each other in an ODI World Cup final. India won the match by six wickets—its second World Cup win after the [1983 tournament](#)—and became the third team to have won the title more than once, after [Australia](#) (1987, 1999, 2003, 2007) and the [West Indies](#) (1975 and 1979). India became the first country to win Cricket World Cup in their own country.

3. Creating a Module

Content --> Site Modules --> New

The screenshot shows the Joomla! administrator interface. On the left, the navigation menu is open, showing 'Content' selected. Under 'Content', 'Site Modules' is highlighted. The main area is titled 'Modules (Site)' and shows a list of modules. A green button at the top left says '+ New'. The list includes:

	Status	Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sexy Polling Reloaded
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Breadcrumbs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Main Menu
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Login Form

Select a module type --> Custom

Title: Wordpress

The screenshot shows the 'Modules: Custom' configuration screen. At the top, there are three buttons: 'Save' (gray), 'Save & Close' (green), and 'Close' (red). Below that is a 'Title *' field containing 'Wordpress Module'. The tab bar at the bottom has 'Module' selected, followed by 'Menu Assignment', 'Options', 'Advanced', and 'Permissions'. The 'Custom' tab is active. In the content area, it says 'Site' and provides a brief description: 'This module allows you to create your own Module using a WYSIWYG editor.' Below this is a WYSIWYG editor toolbar with various icons for text editing. The main content area contains the text 'WordPress, Your Way' in green and 'Build and grow your website with the best way to WordPress. Lightning-fast hosting, intuitive, flexible editing, and everything you need to grow your site and audience, baked right in.' in purple.

Menu Assignment --> On all pages

Joomla! Modules: Custom

Save Save & Close Close

Title *

Wordpress Module

Module Menu Assignment Options Advanced Permissions

Menu Assignment

Module Assignment On all pages

Title

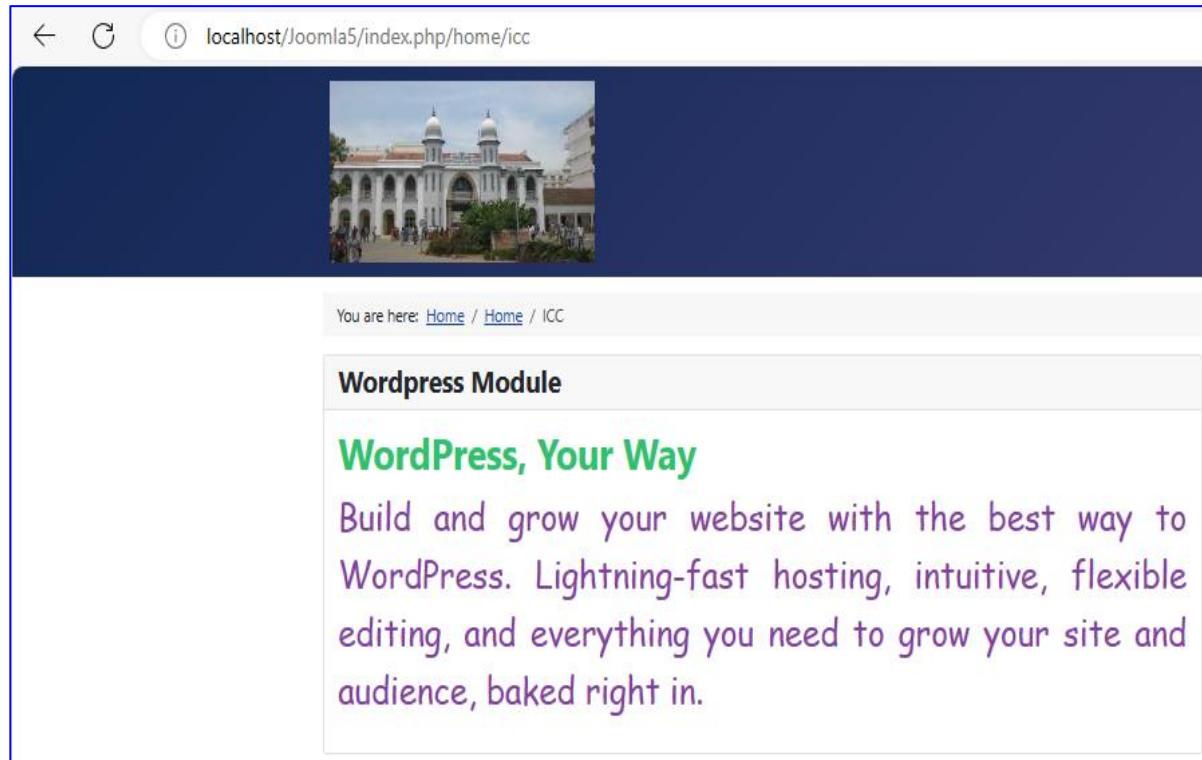
Show

Position

Main-top [main-top]

Status

Published



Result:

Thus articles, menus and modules are created in Joomla successfully.

Ex:4**Create and apply extensions and Plugins using Joomla****Aim:**

To create an extension/plugin to modify the content in Joomla.

Procedure:

Step 1: Create essential folders/files.

Step 2: Create Language Folders/Files

Step 3: Start apache and mysql in Xampp control panel

Step 4: Navigate to localhost/Joomla5/administrator to open administrator panel

Step 5: Discover, Install and Enable the created plugin/extension

Step 6: Create an Article

Step 7: Add Shortcode in the article to modify the article content.

Step 8: Add this article to the Main menu.

Step 9: Open localhost/Joomla5/ in a new tab.

Step 10: Check the article displayed with the plugin settings applied.

Step-1: Create essential folders/files.

Create the basic configuration file **contentplugdemo.xml** as:

```
<?xml version="1.0" encoding="utf-8"?>
<extension version="4.0" type="plugin" group="content" method="upgrade">
    <name>plg_content_contentplugdemo</name>
    <author>Uma Ravichandran</author>
    <creationDate>Jan 2024</creationDate>
    <copyright>Copyright (C) 2024 Uma Ravichandran</copyright>
    <license>PSG</license>
    <authorEmail>uma.dit@psgpolytech.ac.in</authorEmail>
    <version>0.01</version>
    <description>PLG_CONTENT_CONTENTPLUGDEMO_XML_DESCRIPTION</description>
    <files>
        <filename plugin="contentplugdemo">contentplugdemo.php</filename>
        <folder>language</folder>
    </files>
    <languages folder="language">
        <language tag="en-GB">
            en-GB/en-GB.plg_content_contentplugdemo.sys.ini</language>
        <language tag="en-GB">
            en-GB/en-GB.plg_content_contentplugdemo.ini</language>
        </languages>
    </extension>
```

Create a php file **contentplugdemo.php** to make the plugin to modify the content as:

```
<?php

//kill direct access
defined('_JEXEC') || die;

use Joomla\CMS\Plugin\CMSPlugin;
use Joomla\CMS\Factory;

class PlgContentContentPlugDemo extends CMSPlugin
{
    public function onContentPrepare($context, &$article, &$params, $page = 0)
    {
        //getters
        $doc = Factory::getApplication()->getDocument();
        $wa = $doc->getWebAssetManager();
        $pluginPath = 'plugins/content/' . $this->_name;
        $view = JFactory::getApplication()->input->get('view');

        //echo '<br/>the view is '.$view;
        //find each card
        preg_match_all('/\{card.*?\}/s', $article->text, $matches);

        //an array to store the new divs
        foreach ($matches[0] as $value) {
            //this searches between the card tags to find the body
            //this would be in group 2 of this match.. see RegEx101.com for more info
            preg_match('/(.*?=\{card)(.*?})(.*?)(?=\/card)/s', $value, $cardMatcher);
            $CardBody = $cardMatcher[2];
            //Match the title attribute based on the first group in the previous match
            preg_match('/(.*?=\title=).*/s', $cardMatcher[1], $titleMatch);
            $title = '';
            //if this isn't null, the title attribute must be there
            if ($titleMatch) {
                $title = $titleMatch[0];
            }
            //generate the output
            if ($title == '') {
                //make a card div with no title
                $output = '<div class="card bg-success mb-3 text-light"><div class="card-body">'.$CardBody.'</div></div>';
            } else {
                //make a card div with a span title and a card body div, remember to close both divs.
                $output = '<div class="card bg-primary mb-3 text-light"><span class="card-header">'.$title . '</span><div class="card-body">'. $CardBody.'</div></div>';
            }
        }
    }
}
```

```

//replace the original card $value with the new $output
    $article->text = str_replace($value, $output, $article->text);
}
}
}

```

Step 2: Create Language Folders/Files

en-GB.plg_content_contentplugdemo.ini:

PLG_CONTENT_CONTENTPLUGDEMO="Content Plugin Demo"
 PLG_CONTENT_CONTENTPLUGDEMO_XML_DESCRIPTION="Adds a shortcode for creating cards in articles"

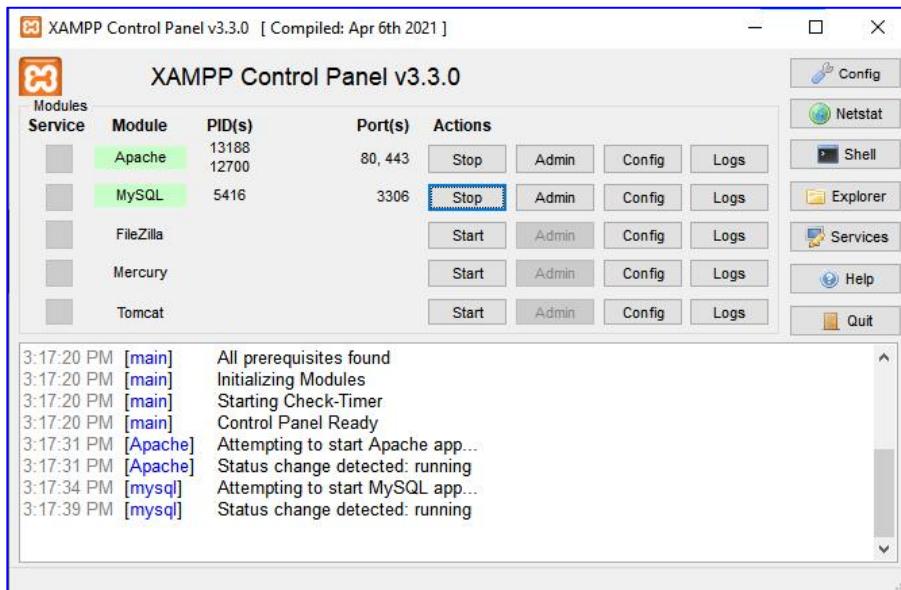
en-GB.plg_content_contentplugdemo.sys.ini:

PLG_CONTENT_CONTENTPLUGDEMO="Content Plugin Demo"
 PLG_CONTENT_CONTENTPLUGDEMO_XML_DESCRIPTION="Adds a shortcode for creating cards in articles"

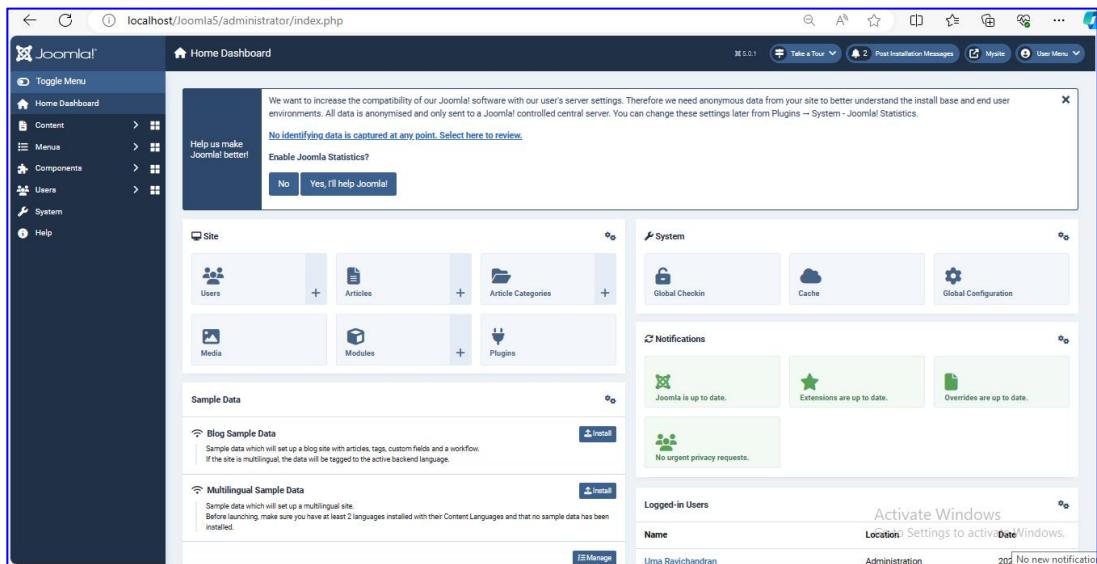
Create a directory structure as:

- **xampp**
 - **htdocs**
 - **Joomla5**
 - **plugins**
 - **content**
 - **contentplugdemo**
 - contentplugdemo.php
 - contentplugdemo.xml
 - **language**
 - **en-GB**
 - en-GB.plg_content_contentplugdemo.ini
 - en-GB.plg_content_contentplugdemo.sys.ini

Step 3: Start apache and mysql in Xampp control panel



Step 4: Navigate to localhost/Joomla5/administrator to open administrator panel



Step 5: Discover, Install & Enable the created plugin/extension

The screenshot shows the Joomla! System Dashboard. The left sidebar includes links for Home Dashboard, Content, Menus, Components, Users, System, and Help. The main content area has a dark blue sidebar with the text "Help us make Joomla! better!". Below it is a message about increasing compatibility and capturing anonymous data. Two buttons are present: "No" and "Yes, I'll help Joomla!". The main content area is titled "Setup" and contains sections for "Global Configuration", "Install", "Extensions", and "Discover". The "Discover" tab is highlighted with a yellow border. A small notification icon with the number "1" is visible in the bottom right corner.

The screenshot shows the "Extensions: Discover" page. The left sidebar is identical to the previous dashboard. The main content area features a "Discover" tab. It contains the same compatibility message and "No" / "Yes, I'll help Joomla!" buttons. Below this is a search bar and filter options. A table lists extensions, with one entry visible:

Name	Location	Type	Version	Date	Author	Folder
Content Plugin Demo Adds a shortcode for creating cards in articles	Site	Plugin	0.01	Jan 2024	Uma Ravichandran	content

The screenshot shows the Joomla! administrator interface at the URL `localhost/Joomla5/administrator/index.php?option=com_installer&view=discover`. The left sidebar has items like Toggle Menu, Home Dashboard, Content, Menus, Components, Users, System, and Help. The main content area is titled "Extensions: Discover" with a "Discover" button. A message box says "Help us make Joomla! better!" and asks if the user wants to "Enable Joomla Statistics?". Below this is a table listing extensions:

	Name	Location	Type
<input checked="" type="checkbox"/>	Content Plugin Demo Adds a shortcode for creating cards in articles	Site	Plugin

The screenshot shows the same Joomla! administrator interface after the Content Plugin Demo has been installed. The message box now says "Discover install successful." The extension table remains the same.

Step 6: Create an article named: ICC World Cup Finals.

Step 7: Add the following Short code in the article to modify the article content.

```
{card title="Plug in creation for Joomla Content"} Content: Article{/card}  
{card}  
    // content  
{card}
```

Step 8: Add this article to the Main menu as:

The screenshot shows the Joomla administrator interface for managing menus. The left sidebar has a dark blue header with the Joomla logo and navigation links like 'Toggle Menu', 'Home Dashboard', 'Content', 'Menus', 'Manage', 'All Menu Items', 'Site', 'Main Menu', 'Components', 'Users', 'System', and 'Help'. The 'Menus' link is expanded, showing 'All Menu Items' and 'Main Menu'. The 'Main Menu' section is expanded, showing 'Home' (with an alias 'home') and 'Articles > Single Article'. The right panel title is 'Menus: All Menu Items'. It has buttons for '+ New', 'Actions', and 'Rebuild'. Below these are dropdowns for 'Site' and '- Select Menu -'. A table lists menu items with columns for 'Status' and 'Title'. The 'Home' item is checked in the 'Status' column. The table also shows 'Alias: home' and 'Articles > Single Article'.

Click Home -> Menu Item Type -> Select -> Article -> Single article:

The screenshot shows a modal dialog titled 'Menu Item Type'. It has a light blue header bar with the title. The main area is titled 'Articles' and contains several options: 'Archived Articles' (with a note to display all archived articles), 'Category Blog' (with a note to display article introductions in a single or multi-column layout), 'Category List' (with a note to display a list of articles in a category), 'Create Article' (with a note to create a new article), 'Featured Articles' (with a note to show all featured articles from one or multiple categories in a single or multi-column layout), 'List All Categories in an Article Category Tree' (with a note to show a list of all categories in the selected article category tree), and 'Single Article' (which is highlighted with a dark grey background). Below each option is a small note describing its function.

Select article -> Select -> ICC World Cup Finals

Select an Article

Status	Title
<input checked="" type="checkbox"/>	ICC World Cup Finals

Joomla! Menus: Edit Item

Save Save & Close Close

Title * Alias

Home home
The Alias will be used as part of the URL.

Details Options Link Type Page Display Metadata Module Assignment

Menu Item Type * Single Article Select

Select Article * ICC World Cup Finals Edit Clear

Link index.php?option=com_content&view=article&id=1

Target Window Parent

Template Style - Use Default -

Save & Close

Step 9: Open localhost/Joomla5/ in a new tab.

Step 10: Check the article displayed with the plugin settings applied.



You are here: Home

Home

ICC World Cup Finals

Details

Written by: Uma Ravichandran

Category: [Uncategorised](#)

Published: 05 January 2024

Hits: 18



Plug in creation for Joomla Content

Content: Article

The 2011 Cricket World Cup Final was the final match of the 2011 Men's Cricket World Cup, the 10th edition of ICC's championship of One Day International (ODI) cricket. The match was played between India and Sri Lanka at the Wankhede Stadium, Mumbai, India on Saturday 2 April 2011. It was the first time that two Asian teams had faced each other in an ODI World Cup final. India won the match by six wickets—its second World Cup win after the 1983 tournament—and became the third team to have won the title more than once, after Australia (1987, 1999, 2003, 2007) and the West Indies (1975 and 1979). India became the first country to win Cricket World Cup in their own country.

Result:

Thus extensions are created and applied in Joomla successfully.

Ex:5

Install and configure Word press Tool

Aim:

To install and configure the Wordpress Tool.

Procedure:

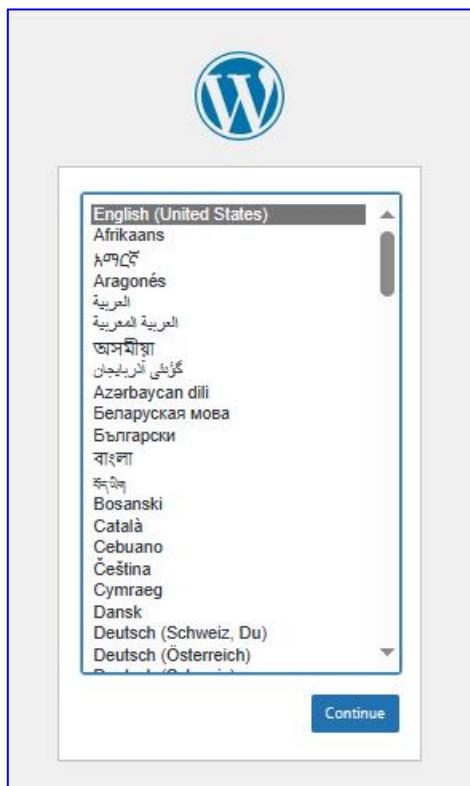
Step:1 Download wordpress 6.4.2 from <https://wordpress.org/download/> & extract it in c:\xampp\htdocs\wordpress.

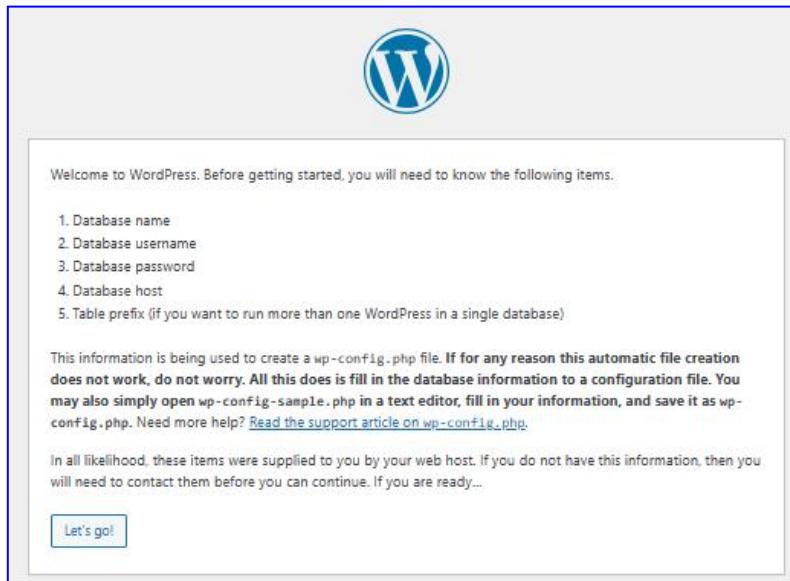
Step:2 Create a Database in phpmyadmin.

WordPress requires MySQL database. So create a new empty database named "mydb" with user/password (for example, user as "root" and password as "root" or else you can leave it empty).

Then, continue with the installation process.

Step:3 Open the url: localhost\wordpress





Below you should enter your database connection details. If you are not sure about these, contact your host.

Database Name	<input type="text" value="mydb"/>
The name of the database you want to use with WordPress.	
Username	<input type="text" value="root"/>
Your database username.	
Password	<input type="password" value="password"/> Show
Your database password.	
Database Host	<input type="text" value="localhost"/>
You should be able to get this info from your web host, if localhost does not work.	
Table Prefix	<input type="text" value="wp_"/>
If you want to run multiple WordPress installations in a single database, change this.	

[Submit](#)



All right, sparky! You've made it through this part of the installation. WordPress can now communicate with your database. If you are ready, time now to...

[Run the installation](#)



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

www.uma.com

Username

UmaRavichandran

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

Password

Show

Strong

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

Your Email

uma.dit@psgpolytech.ac.in

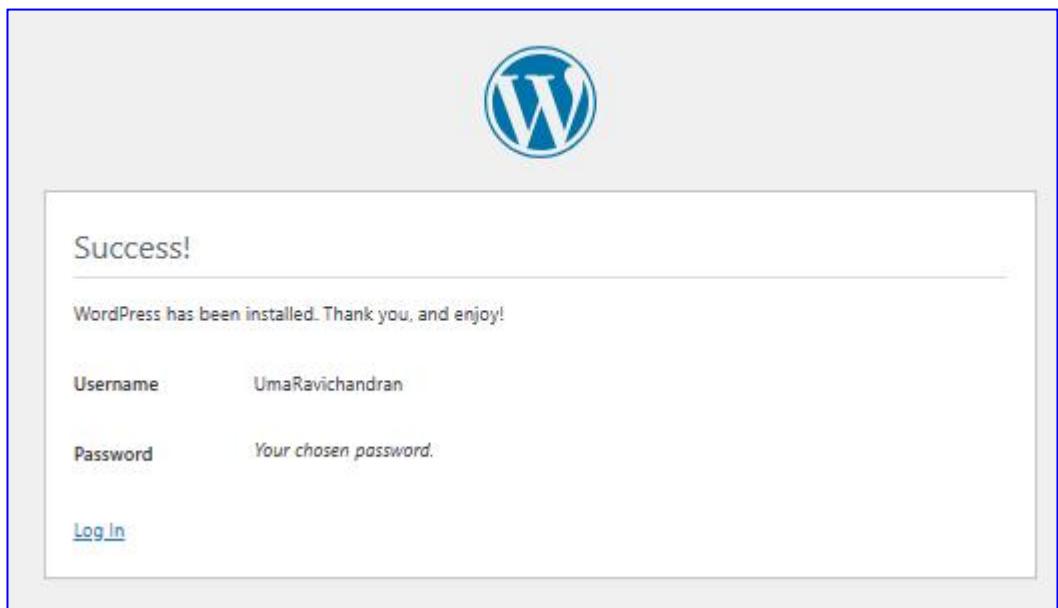
Double-check your email address before continuing.

Search engine visibility

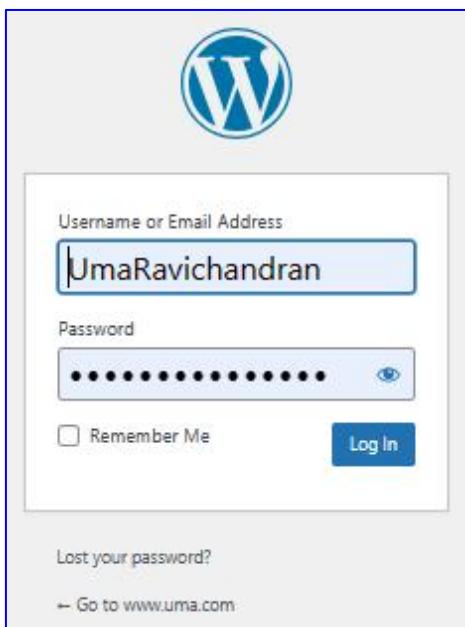
Discourage search engines from indexing this site

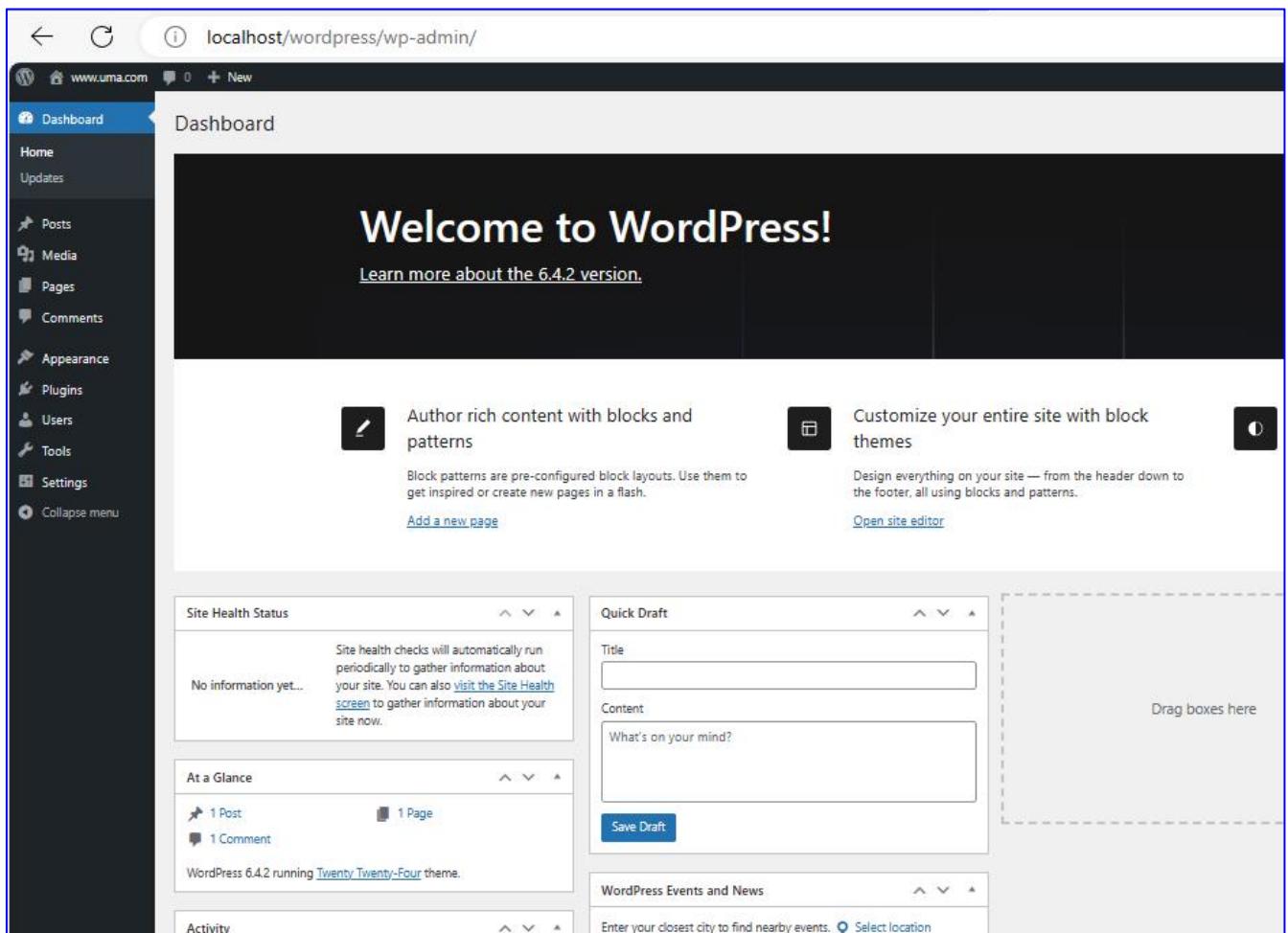
It is up to search engines to honor this request.

[Install WordPress](#)



localhost/wordpress/wp-admin/





Result

Thus the Wordpress tool was installed and configured successfully.

Ex:6

Create an attractive web page with templates using Wordpress Tool

Aim:

To create an attractive web page with templates using Wordpress tool.

Procedure:

Step 1: Login to wordpress.

Step 2: Design a web page with the desired content.

Step 3: Select themes.

Step 4: Include title, text, paragraph, etc.

Step 5: Include image, audio and video.

Step 6: Publish the pages.

Step 7: Click View Page to view the designed webpage.

Adding a new page:

The screenshot shows the WordPress 'Pages' dashboard. At the top, there is a header with the word 'Pages' and a blue button labeled 'Add New Page'. Below the header, there are filter options: 'All (4) | Published (2) | Drafts (2)', 'Bulk actions' dropdown, 'Apply' button, 'All dates' dropdown, and a 'Filter' button. The main area displays a list of four pages: 'ABOUT SPORTS', 'Privacy Policy — Draft, Privacy Policy Page', 'PUBG', and 'PUBG — Draft'. Each page entry includes a checkbox for selecting multiple items. The list is ordered by title, with a 'Title' column header at the top and arrows indicating sorting direction.

Include text and images:

ABOUT SPORTS PUBG

ABOUT SPORTS



Mobile layout:

SPORTS

Type / to choose a block



Association football, more commonly known as **football** or **soccer**,^[a] is a team sport played between two teams of 11 players each, who primarily use their feet to propel a ball around a rectangular field called a pitch. The objective of the game is to score more goals than the opposing team by moving the ball beyond the goal line into a rectangular-framed goal defended by the opposing team. Traditionally, the game has been played over two 45-minute halves, for a total match time of 90 minutes. With an estimated 250 million players

Desktop Layout:

ABOUT SPORTS PUBG

ABOUT SPORTS





BERKELEY, MIAN - SEPTEMBER 12: Lionel Messi of Barcelona celebrates after scoring his side's first goal during the UEFA Champions League Group D match between FC Barcelona and Juventus at Camp Nou on September 12, 2017 in Barcelona, Spain. (Photo by Alex Caparros/Getty Images)

PUBG

Battlegrounds Mobile India, or *BGMI*, is a TPP-FPP survival shooter game in which up to 100 players compete in a battle royale, a type of large-scale last man standing deathmatch in which players compete to be the last one standing. Players can enter the match as individuals or as small groups of up to four.

Each match starts with players parachuting from a plane onto one of the following seven maps:

- Erangel (Themed / Normal)
- Miramar
- Vikendi
- Livik (Themed / Normal)
- Karakin
- Sanhok
- Nusa

Each round, the plane's flight path across the map changes, requiring players to quickly determine the best time to eject and parachute to the ground. Players begin with no equipment other than customised clothing options that have no effect on gameplay. Once on the ground, players can search buildings, ghost towns, and other locations for weapons, vehicles, armour, and other items. At the start of a match, these items are procedurally distributed throughout the map, with higher-risk zones typically having better equipment. Finished players can also be looted for their gear. Players can choose to play in first-person or third-person, with each having advantages and disadvantages in combat and situational awareness.



Result:

Thus a webpage with templates is created successfully with Wordpress tool.

Ex:7

Create and apply extensions and Plugins using Word press

Aim:

To create and apply extensions and Plugins using Word press.

Procedure:

Step:1 Create the required files and folders for the new plugin in the wordpress folder.

Step:2 Select & upload the newly created plugin.

Step:3 Install the uploaded plugin.

Step:4 Check whether the new plugin is listed under the plugins tab.

Step:5 Activate the installed plugin.

Create files & folders:

This PC > Local Disk (C:) > xampp > htdocs > wordpress > wp-content > plugins > my-new-plugin >			
	Name	Date modified	Type
	includes	1/23/2024 4:16 PM	File folder
	my-first-plugin.php	1/23/2024 4:14 PM	PHP File

xampp > htdocs > wordpress > wp-content > plugins > my-new-plugin > includes			
	Name	Date modified	Type
	mfp-first-acp-page	1/23/2024 4:15 PM	PHP File
	mfp-functions	1/23/2024 4:15 PM	PHP File

my-first-plugin.php

```
<?php
/*
Plugin Name: My First Plugin
Description: This is my first plugin! It makes a new admin menu link!
Author: Your Name
```

```
*/  
// Include mfp-functions.php, use require_once to stop the script if mfp-functions.php is not found  
require_once plugin_dir_path(__FILE__). 'includes/mfp-functions.php';
```

mfp-first-acp-page.php

```
<div class="wrap">  
    <h1>Hello!</h1>  
    <p>This is my plugin's first page</p>  
</div>
```

mfp-functions.php

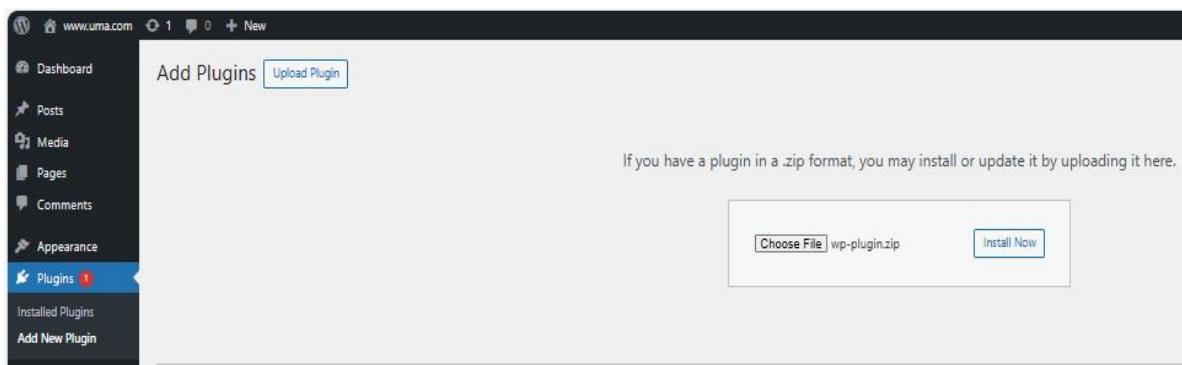
```
<?php  
/*  
 * Add my new menu to the Admin Control Panel  
 */  
// Hook the 'admin_menu' action hook, run the function named 'mfp_Add_My_Admin_Link()'  
add_action( 'admin_menu', 'mfp_Add_My_Admin_Link' );  
// Add a new top level menu link to the ACP  
function mfp_Add_My_Admin_Link()  
{  
    add_menu_page(  
        'My First Page', // Title of the page  
        'My First Plugin', // Text to show on the menu link  
        'manage_options', // Capability requirement to see the link  
        'includes/mfp-first-acp-page.php' // The 'slug' - file to display when clicking the link  
    );  
}
```

Plugins -> Add New Plugin

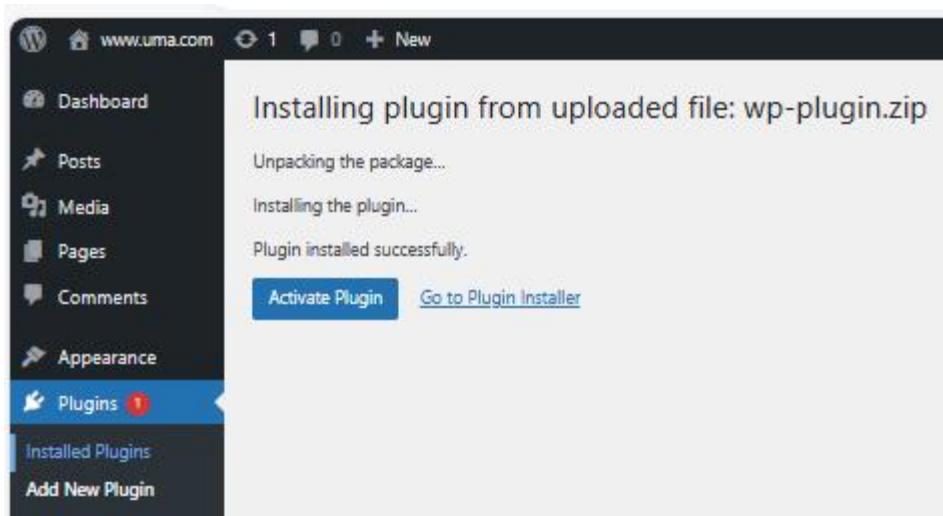
The screenshot shows the WordPress Admin interface under the 'Plugins' section. The left sidebar has 'Plugins' selected with a red notification badge. The main area shows a list of installed plugins: 'Akismet Anti-spam: Spam Protection' and 'Hello Dolly'. At the top right, there is a blue 'Add New Plugin' button.

Add New Plugin -> Upload Plugin

The screenshot shows a Windows File Explorer window. The path 'This PC > Desktop' is selected. In the center, there are three files: 'PAC 18 OCT', 'wp-plugin', and another 'wp-plugin' file which is highlighted with a blue selection bar. The status bar at the bottom shows 'File name: wp-plugin' and 'Compressed (zipped) Folder'. There are 'Open' and 'Cancel' buttons at the bottom right.

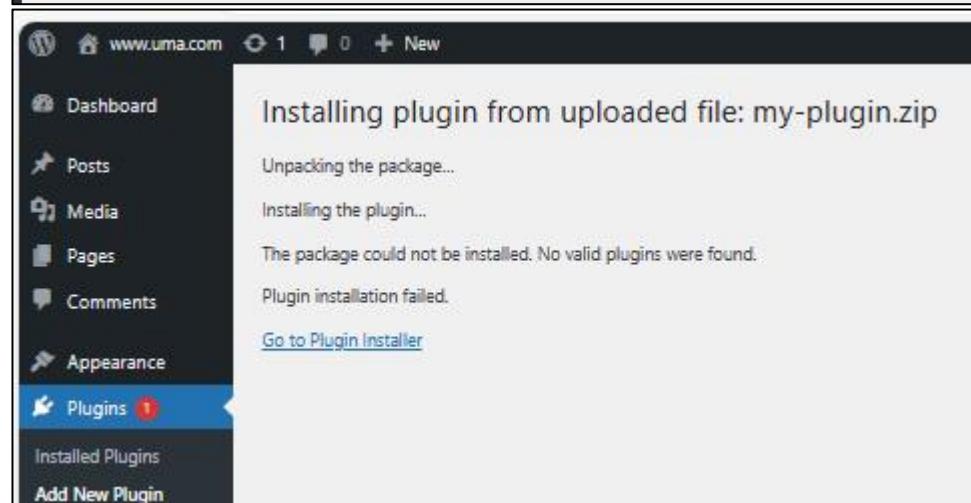
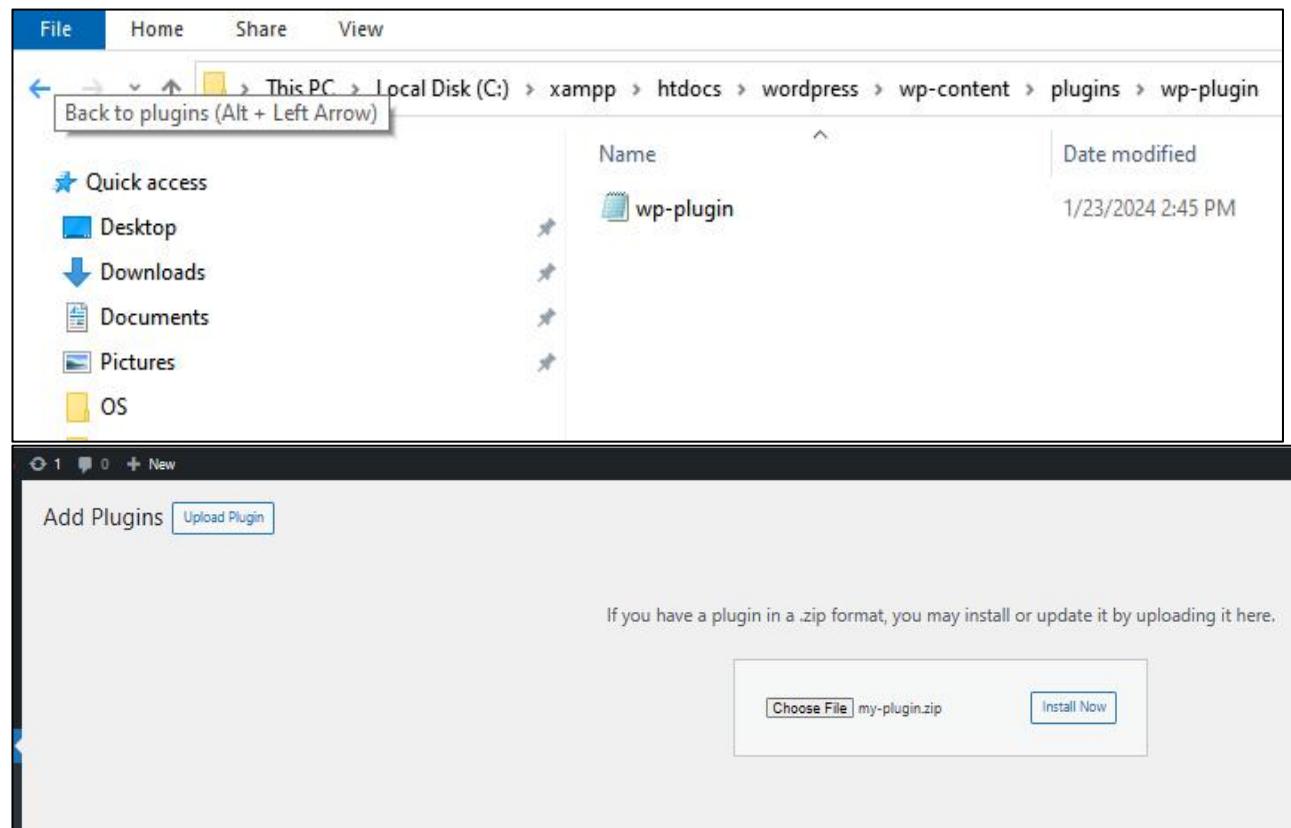


Install Now



Activate Plugin

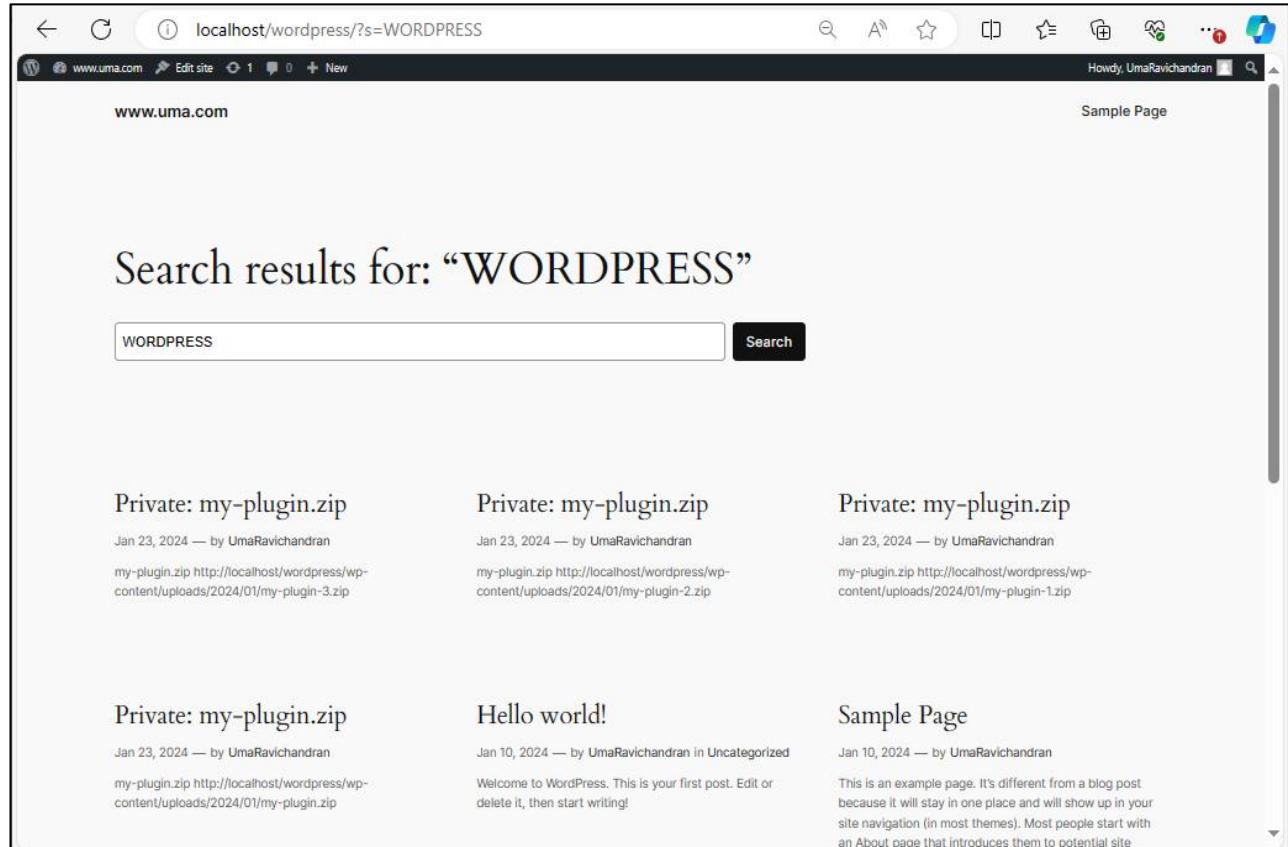
Plugin	Description
Akismet Anti-spam: Spam Protection	Used by millions, Akismet is quite possibly the best way in the world your Akismet Settings page to set up your API key. Version 5.3 By Automattic - Anti-spam Team View details



The screenshot shows the 'Plugins' section of the WordPress admin dashboard. On the left, a sidebar lists 'Installed Plugins' (Akismet Anti-spam, Hello Dolly, My First Plugin), 'Add New Plugin', 'Users', 'Tools', 'Settings', and 'My First Plugin'. The main area displays three plugins: 'Akismet Anti-spam: Spam Protection' (version 5.3), 'Hello Dolly' (version 1.7.2), and 'My First Plugin' (version 1.0). A message for 'Hello Dolly' indicates a new version is available. The 'My First Plugin' entry is highlighted.

The screenshot shows a 404 error page from the website 'www.uma.com'. The URL in the browser is 'localhost/wordpress/wp-admin/includes/mfp-first-acp-page.php'. The page title is 'Page Not Found'. Below it, a message says: 'The page you are looking for does not exist, or it has been moved. Please try searching using the form below.' There is a search bar with a 'Search' button. At the bottom, there is footer navigation for 'www.uma.com' and links to 'About', 'Privacy', and 'Social' media.

www.uma.com	About	Privacy	Social
	Team	Privacy Policy	Facebook
	History	Terms and Conditions	Instagram
	Careers	Contact Us	Twitter/X



Result:

Thus the extension is created and applied to the webpage content in Wordpress successfully.

Ex:8

Install and configure Drupal Tool

Aim:

To install and configure Drupal tool.

Procedure:

Step:1 Download the drupal tool from the official url.

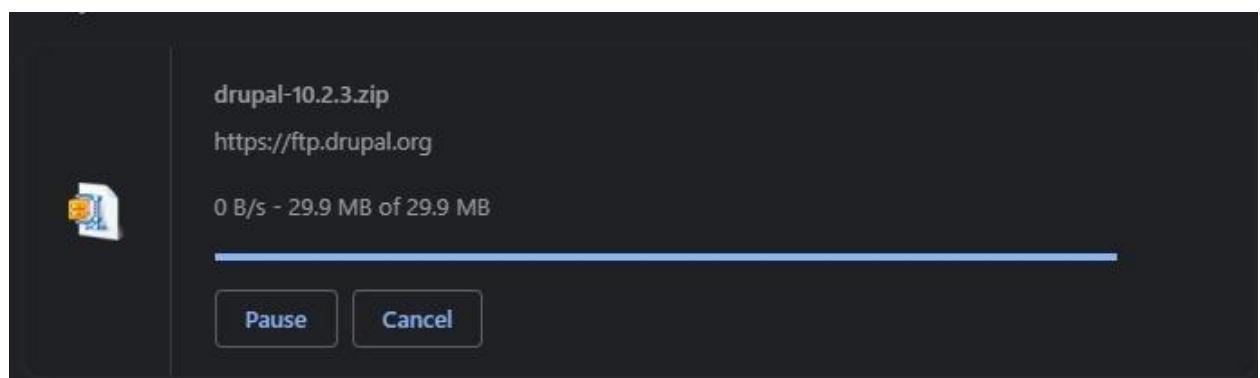
Step:2 Extract the downloaded drupal tool in the htdocs folder.

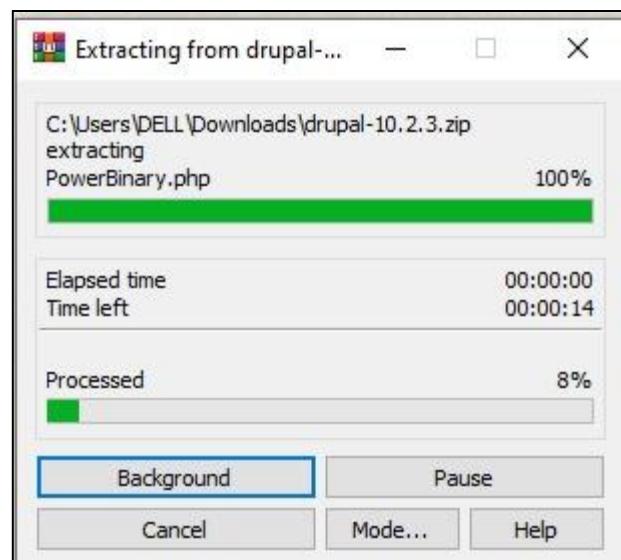
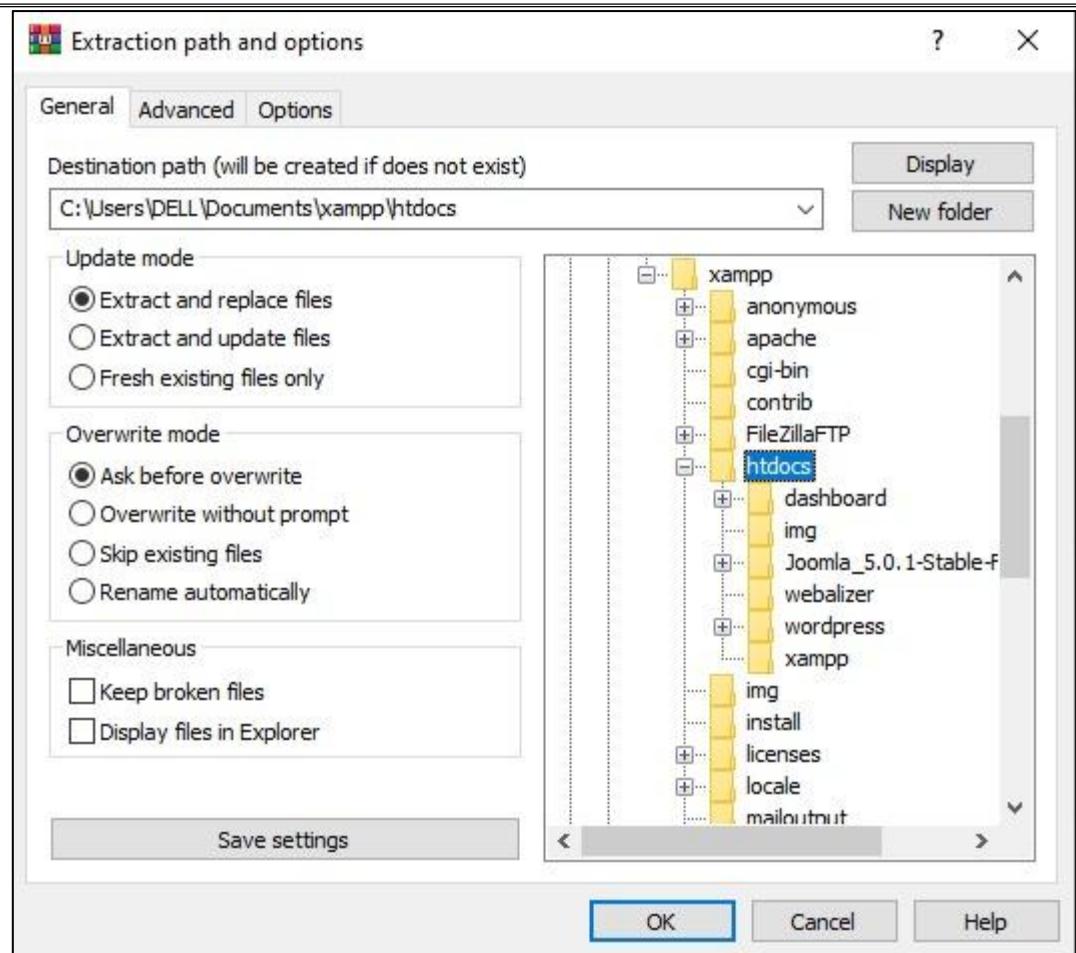
Step:3 Start the xampp webserver.

Step:4 Create a database in phpMyAdmin.

Step:5 Choose the language.

Step:6 Choose the installation profile.





File Home Share View

This PC > Documents > xampp > htdocs >

	Name	Date modified	Type	Size
Quick access				
Desktop	dashboard	26-12-2023 09:20	File folder	
Downloads	drupal-10.2.3	08-02-2024 04:45	File folder	
Documents	img	26-12-2023 09:20	File folder	
Pictures	Joomla_5.0.1-Stable-Full_Package	26-12-2023 09:30	File folder	
	webalizer	26-12-2023 09:20	File folder	
	wordpress	07-02-2024 10:11	File folder	
	xampp	26-12-2023 09:27	File folder	
	applications	15-06-2022 21:37	Microsoft Edge H...	4 KB
	bitnami	15-06-2022 21:37	Cascading Style S...	1 KB
	favicon	16-07-2015 21:02	Icon	31 KB
	index	16-07-2015 21:02	PHP Source File	1 KB
OneDrive				

localhost / 127.0.0.1 / drupal_shelvapraga X +

localhost/phpmyadmin/index.php?route=/server/databases

phpMyAdmin

Structure SQL Search Query Export

No tables found in database.

Create new table

Table name Number of columns

4 Create

New drupal_shelvapraga information_schema mysql performance_schema phpmyadmin pragadeeshpraneshshelva shelvapraga test wordpresshelvamaddypraga

Drupal

10.2.3

- 1 Choose language
- 2 Choose profile
- 3 Verify requirements
- 4 Set up database
- 5 Install site
- 6 Configure site

Choose language

English

Save and continue

Drupal

10.2.3

- 1 Choose language
- 2 Choose profile
- 3 Verify requirements
- 4 Set up database
- 5 Install site
- 6 Configure site

Select an installation profile

Standard

Install with commonly used features pre-configured.

Minimal

Build a custom site without pre-configured functionality. Suitable for advanced users.

Demo: Umami Food Magazine (Experimental)

Install an example site that shows off some of Drupal's capabilities.

Save and continue

1 Choose language

2 Choose profile

3 Verify requirements

4 Set up database

5 Install site

6 Configure site

Database configuration

✖ Error message

Resolve all issues below to continue the installation. For help configuring your database server, see the [installation handbook](#), or contact your hosting provider.

- Failed to connect to your database server. The server reports the following message: `SQLSTATE[HY000] [1045] Access denied for user 'shelvapraga'@'localhost' (using password: YES).`
 - Is the database server running?
 - Does the database exist or does the database user have sufficient privileges to create the database?
 - Have you entered the correct database name?
 - Have you entered the correct username and password?
 - Have you entered the correct database hostname and port number?

Database type*

MySQL, MariaDB, Percona Server, or equivalent

SQLite

Database name

drupal-gfg

Database username

root

 php - Notepad

File Edit Format View Help

[ldap]
; Sets the maximum number of open links or -1 for unlimited.
ldap.max_links=-1

[dba]
;dba.default_handler=

[opcache]
zend_extension=php_opcache.dll
; Determines if Zend OPCache is enabled
;opcache.enable=1

; Determines if Zend OPCache is enabled for the CLI version of PHP
;opcache.enable_cli=0

; The OPcache shared memory storage size.
;opcache.memory_consumption=128

```
php - Notepad
File Edit Format View Help
;
; When the extension library to load is not located in the default extension
; directory, You may specify an absolute path to the library file:
;
; extension=/path/to/extension/mysql.so
;
; Note : The syntax used in previous PHP versions ('extension=<ext>.so' and
; 'extension='php_<ext>.dll') is supported for legacy reasons and may be
; deprecated in a future PHP major version. So, when it is possible, please
; move to the new ('extension=<ext>') syntax.
;
; Notes for Windows environments :
;
; - Many DLL files are located in the ext/
;   extension folders as well as the separate PECL DLL download.
;   Be sure to appropriately set the extension_dir directive.
;
extension=bz2

; The ldap extension must be before curl if OpenSSL 1.0.2 and OpenLDAP is used
; otherwise it results in segfault when unloading after using SASL.
; See https://github.com/php/php-src/issues/8620 for more info.
;extension=ldap

extension=curl
;extension=ffi
;extension=ftp
extension=fileinfo
extension=gd
```

Drupal 10.2.3

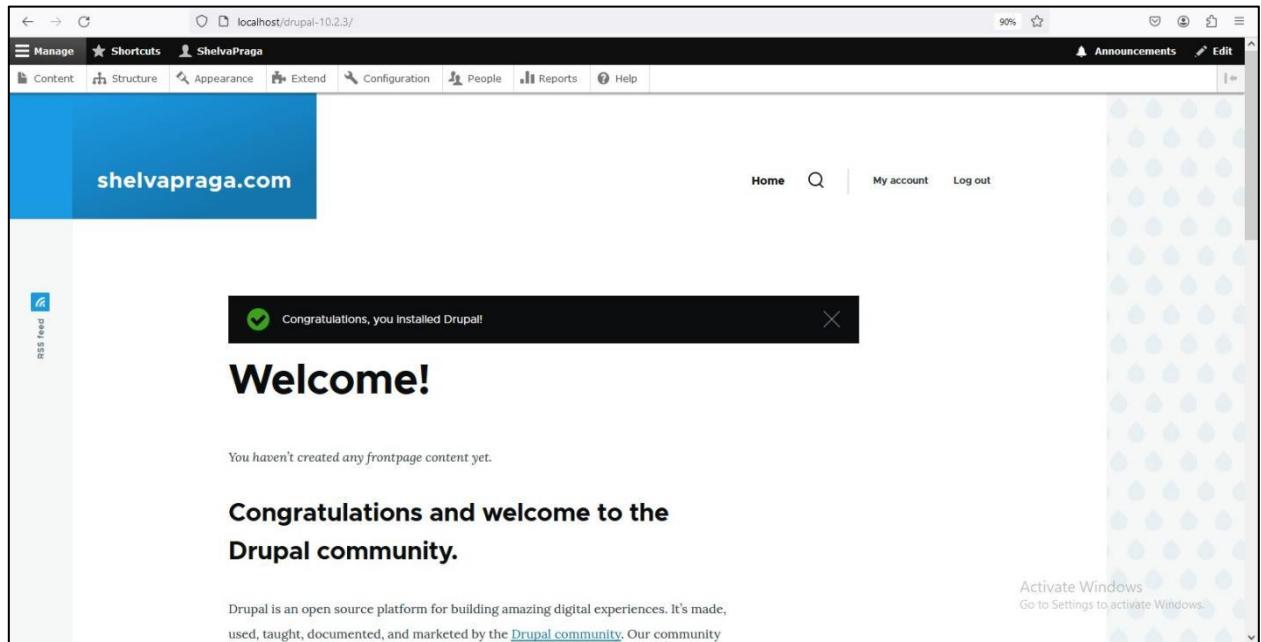
- 1 Choose language
- 2 Choose profile
- 3 Verify requirements
- 4 Set up database
- 5 Install site
- 6 Configure site

Installing Drupal

Installed *User* module.

Completed 1 of 38.

3%



Result:

Thus the Drupal tool is installed and configured successfully.

Ex:9

Create & Edit articles, menus using Drupal Tool

Aim:

To create and edit articles, menus using Drupal tool.

Procedure:

Step:1 Create an article in drupal.

Step:2 Add text and images to the article.

Step:3 Create a menu in drupal.

Step:4 Give title for the menu and the url/link for the menu.

Step:5 View the article & the menu created.

The image consists of two screenshots of the Drupal administrative interface.

Screenshot 1: Create Article Form

This screenshot shows the 'Create Article' form. It includes fields for 'Title*' (with a red asterisk indicating it's required), 'Image' (with a file upload section for 'Add a new file'), 'Body (Edit summary)' (with a rich text editor toolbar), and various configuration sections on the right side such as 'Last saved', 'Author', 'Revision log message', 'Menu settings', 'Comment settings', and 'URL alias'.

Screenshot 2: Content Page

This screenshot shows the 'Content' page, which lists articles. It features a search/filter bar at the top with fields for 'Title', 'Content type', 'Published status', and 'Language'. Below the filter bar is a table listing articles. One article is visible in the list:

Title	Content type	Author	Status	Updated	Operations
chennaisuperkings	Article	ShelvaPraga	Published	02/16/2024 - 14:13	Edit

At the bottom of the content page, there is a footer bar with buttons for 'No items selected', 'Action: -Select-', and 'Apply to selected items'.

← → ⌂

localhost/drupal-10.2.3/admin/structure/menu/add

Back to site Manage Shortcuts ShelvaPraga

Content Structure Appearance Extend Configuration People Reports ?

Home > Administration > Structure > Menus

Add menu ☆

You can enable the newly-created block for this menu on the [Block layout page](#).

Title*

chennai super king

Machine name: chennai-super-king [E]

Administrative summary

finals and have qualified for the playoff stages 12 times out of the 14 seasons th

Save

Manage Shortcuts ShelvaPraga

Content Structure Appearance Extend Configuration People Reports Help

RSS feed

View Edit Delete Revisions

Home

chennaisuperkings ☆

By [ShelvaPraga](#), 16 February, 2024



[Back to site](#) [Manage](#) [Shortcuts](#) [ShelvaPraga](#)

[Content](#) [Structure](#) [Appearance](#) [Extend](#) [Configuration](#) [People](#) [Reports](#) [Help](#)

[Home](#) > [Administration](#) > [Structure](#) > [Menus](#) > [chennai super king](#)

Add menu link ★

Menu link title*

The text to be used for this link in the menu.

Link*

Search

- The location this menu link points to.
- Start typing the title of a piece of content to select it. You can also enter an internal path such as /node/add or an external URL such as http://example.com.

Enabled

A flag for whether the link should be enabled in menus or hidden.

Description

Shown when hovering over the menu link.

Show as expanded

If selected and this menu link has children, the menu will always appear expanded. This option may be overridden for the entire menu tree when placing a menu.

Parent link

<chennai super king> ▾

The maximum depth for a link and all its children is fixed. Some menu links may not be available as parents if selecting them would exceed this limit.

Administrative summary		<input type="checkbox"/> Show row weights	
Menu link	Enabled Operations		
csk	<input checked="" type="checkbox"/>	Edit	▼
	Save	Delete	
		Activate Windows	

The screenshot shows a Drupal-based website with a blue header bar containing the text 'shelvapraga.com'. The main content area displays an article titled 'chennaisuperkings'. The article includes a small logo of the Chennai Super Kings, a brief description of the team, and a link to its Wikipedia page. Below the description, there is a 'Tags' section with the word 'whistle podu'. The top navigation bar includes links for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The right side of the screen shows a sidebar with a patterned vertical bar and a 'RSS feed' icon.

The detailed view of the article content includes the following information:

- Image:** A large logo for the 'CHENNAI SUPER KINGS' featuring a stylized orange lion.
- Description:** A brief paragraph about the team, stating it is a professional cricket franchise based in Chennai, Tamil Nadu, India, that competes in the Indian Premier League. It was founded in 2008 and plays its home matches at the M. A. Chidambaram Stadium in Chennai. A link to the Wikipedia page is provided.
- Captain:** MS Dhoni
- Owner:** Chennai Super Kings Cricket Ltd
- Coach:** Stephen Fleming (Head coach)
- Arena/Stadium:** M. A. Chidambaram Stadium
- League:** Indian Premier League

Result:

Thus article and menu are created successfully using Drupal Tool.

Ex:10 Create an Ecommerce website using any open source Content Management Tool.

Aim:

To create an e-commerce website in Joomla/Wordpress/Drupal in any of the following:

- Gaming accessories
- Electronic items
- Cricket accessories
- Apparels
- Food ordering
- Jewellery
- Organic products