Tutorial 02 – Version 8.0 – 30 Items  **Build WordPress CMS on Multiple Platforms and Extend using Best Practices**

Students are required to have access to a Web Host account that they use to create and manage multiple CMS websites. In our first IT320 class we purchased a Shared Web Host cPanel or registered for a Pantheon (PaaS) and Codeanywhere web host accounts. In this assignment, you will record information about these accounts and use them to create your WordPress CMS sites.   
Additionally, we will do a few PHP problems, to test your understanding of the PHP material we covered in class.   
If you have difficulties completing this assignment, please inform the instructor and consider working with DePaul tutors.

**Instructions for completing template:***Replace* **[bracketed red text]** *with the requested information and change the* ***red text to black text.*** *Do not include full screen shot images, or full screen shots that are reduced in size. Use a snippet tool to capture parts of the screen and insert those images into the template.  
Please answer all questions.***Please do not alter template numbering.**

**PART A.1 – Getting started Student Contact Information**

**1. Student Name:** Wesley Wu **[A01]**

**2. Student Contact Information:**wwu36@depaul.edu **[A02]**3124792868 **[A03]   
  
Go back to the tutorial instructions and begin working on Part A.1.2**

**Part A.1.2 –** Getting Help with Namecheap  
There are no questions or captures for A.1.2  
Go back to the instructions and continue on with Part A.2.

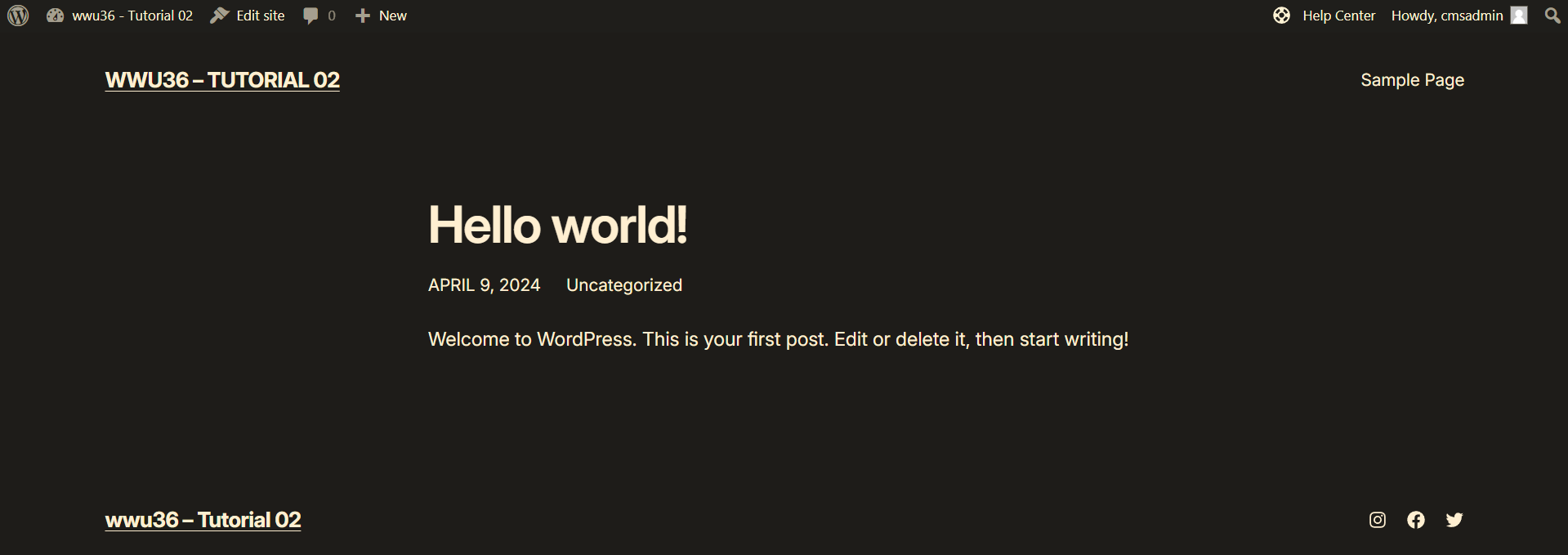
**Part A.2 –** Creating Content for IT320 IPSUM and ChatGPTThere are no questions or captures for A.2  
Go back to the instructions and continue on with Part B.

**Part B –** Creating WordPress sites on supported platforms **Part B.1 – Create a WordPress site on a shared web host**

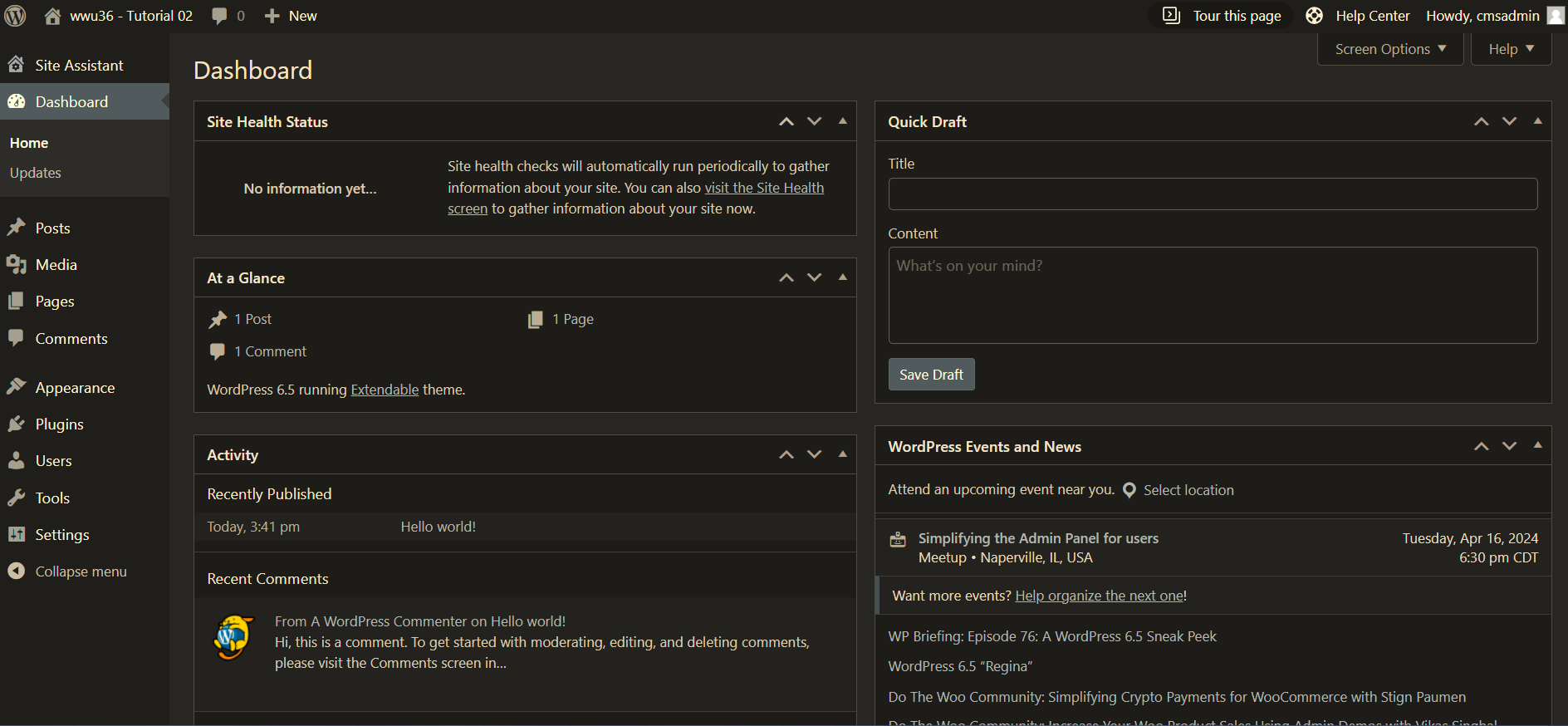
1. Enter the following shared web host WordPress site information **[B.1.1]**
   1. Shared Web Host Company Info:Shared Web Host Name: Namecheap
   2. In Directory Name: mod2tutorial2
   3. Website Admin Username: cmsadmin
   4. Website Admin Password: CMSPassword9!
   5. Database Name: wp673
   6. Table Prefix: wpax\_

**Please make sure all screen capture includes the web browser address bar.**

1. Take screen captures of the front-end client facing WordPress site   
   **[B.1.2]**



1. Take screen captures of the backend administrative WordPress site   
   select the Dashboard > Home please make sure the “At a Glance” panel is visible.  
   **[B.1.3]**



**Go back to the tutorial instructions and begin working on Part B.2.**

**Part B.3 – Create a WordPress site on Codeanywhere**For detailed screen captures, refer to the Module 02 Presentations:M02 -02.0 - Codeanywhere-Accessing-Your-AccountM02 -02.1- Codeanywhere - Creating WordPress Websites on Codeanywhere  
M02 -02.2- Codeanywhere - How to increase the 8 MB Max File Upload on Codeanywhere

Please watch and work along with the following videos:  
Tutorial 02 - Part B.3.1 - Create a WordPress CMS on a Codeanywhere  
Tutorial 02 - Part B.3.2 - Overview of the Codeanywhere environment  
Tutorial 02 - Part B.3.3 - Increase the WordPress File Max Upload size  
Tutorial 02 - Part B.3.4 - Codeanywhere - Destroy Container

1. Enter the following Codeanywhere WordPress site information **[B.3.1]**

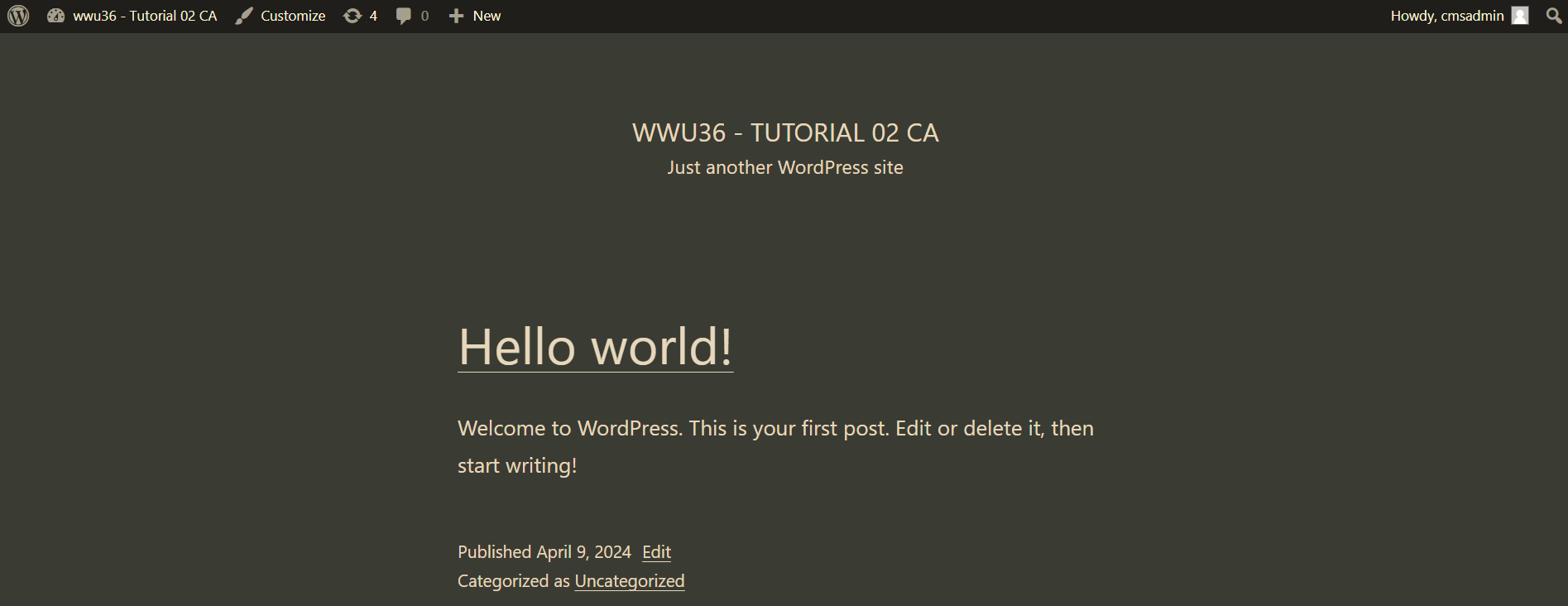
Site Title: wwu36 – Tutorial 02 CA **[B.3.1.1]**

WordPress Username: cmsadmin **[B.3.1.2]**

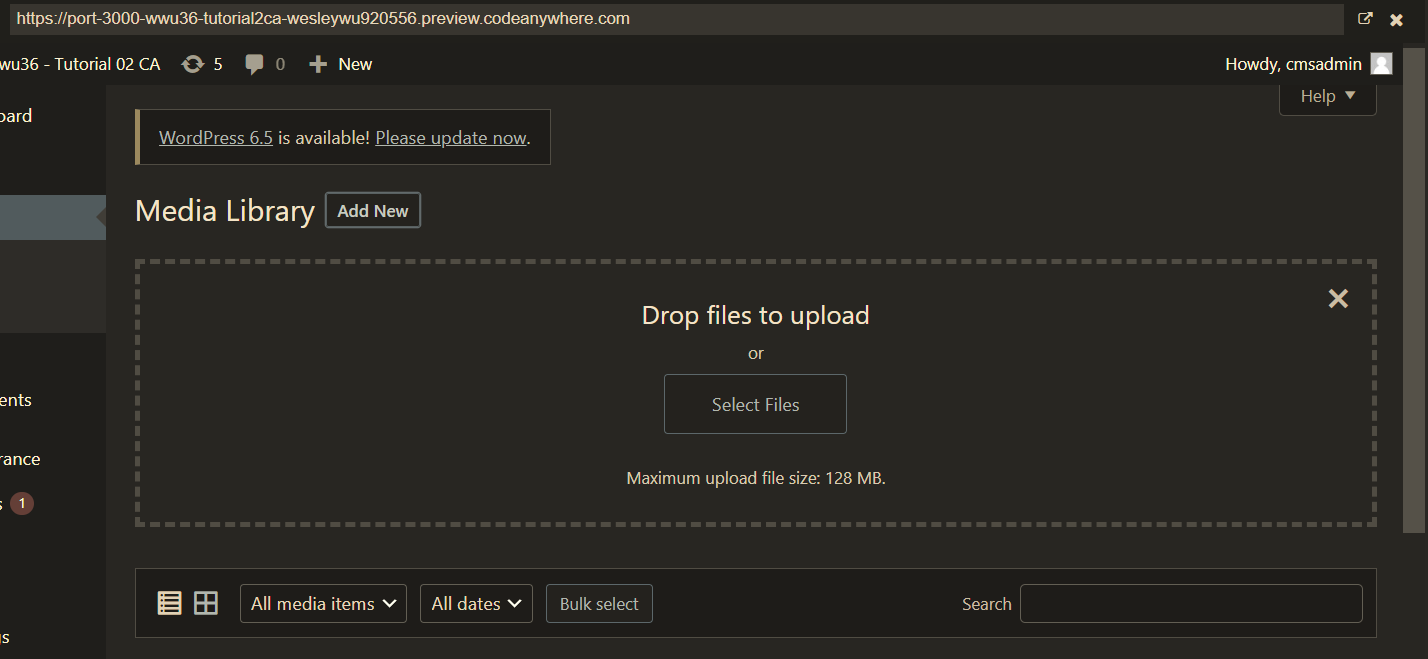
WordPress Password: CMSPassword9! **[B.3.1.3]**

**Please make sure all screen capture includes the web browser address bar.**

1. Take screen captures of the front-end client facing WordPress site   
   **[B.3.2]**

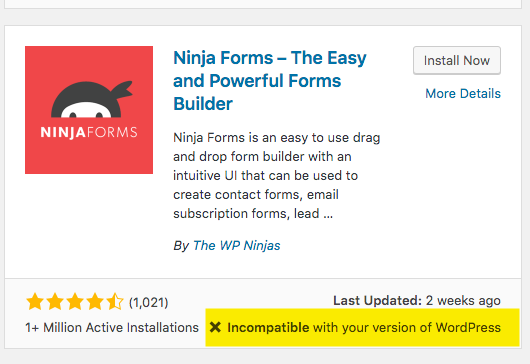
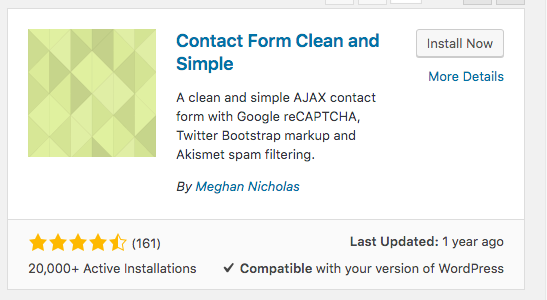


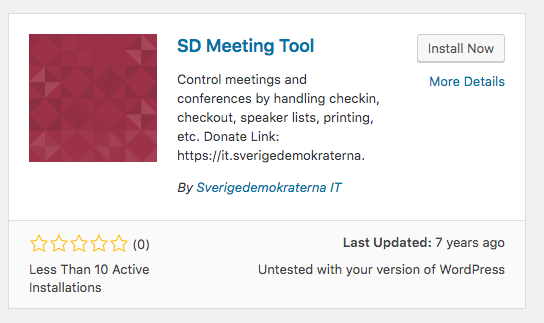
1. To demonstrate that you have successfully modified the settings files to change the Maximum upload files size on your Codeanywhere WP site, please provide a screen capture of the Media Library Add New page. Please make sure the screen capture shows the Maximum upload files size. Dashboard options: Media > Add New  
   **[B.3.3]**

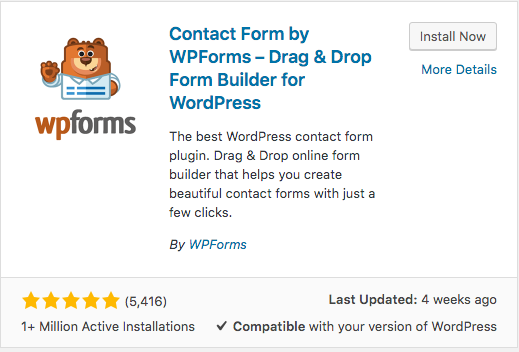
 **Go back to the instructions and continue at Part C.**

**Part C – Introduction to Best Practices**

In Part C we are asking if you think it is a good idea to install the plugin displayed. Your answer must contain both a Yes or No response and the reasons for your decision. This means listing only those best practice attributes that support your decision. In these examples, “Untested with your version” only means no one has tested the plugin version listed. Please read the tutorial and watch the tutorial video and then answer the following questions about evaluating the Best Practices feature block at the bottom of the plugin image and using Feature Analysis to compare plugins to find best fit plugins.

1. You are looking for a form plugin.   
   [Do not find this plugin on a WordPress site marketplace.   
   Use the image below to review WordPress plugin selection best practices.]  
     
   There are 100s if not thousands of Contact form plugins on the WordPress marketplace. The following (see image below) plugin came up while searching the WordPress plugins page. Examine the following WordPress plugin. List your reasons and the best practices features you used to make your decision of whether this plugin should be installed on your website and activated and used.  
   Note: You should be able to make decision using only 1 attribute of the Best Practices block below.   
     
     
   No, it is not compatible with the current Wordpress site version. **[C.1]**
2. You are looking for a form plugin.   
   [Do not find this on a WordPress site. Use the image below to review WordPress plugin selection best practices.]  
     
   There are 100s if not thousands of Contact form plugins on the WordPress marketplace.  
   Of those 100+ plugins most are well maintained. Most developers consider a plugin to be dangerous if it has not been updated within a few weeks of the current date.  
     
   The following (see image below) plugin came up while searching the WordPress plugins page. Examine the following WordPress plugin.   
     
   List your reasons and the best practices features you used to make your decision of whether this plugin should be installed on your website and activated and used.  
     
     
     
   No, it hasn’t been updated in too long (1 year ago) **[C.2]**
3. You are looking for a meeting tool plugin.   
     
   [Do not find this on a WordPress site. Use the image below to review WordPress plugin selection best practices.]  
     
   The following (see image below) plugin came up while searching the WordPress plugins page.   
     
   Examine the following WordPress plugin. Answer the questions “what exactly does Untested mean and also list your reasons and the best practices features you used to make your decision of whether this plugin should be installed on your website and activated and used.

Hint: Untested is not the same as incompatible. Untested means no one has tested the plugin yet.  
  
  
No, it hasn’t been updated in too long (7 years ago), and it hasn’t been tested with the current version, and there are also few installations and no reviews. **[C.3]**

1. You are looking for a form plugin.  
   [Do not find this on a WordPress site. Use the image below to review WordPress plugin selection best practices.]  
     
   The following (see image below) plugin came up while searching the WordPress plugins page. Examine the following WordPress plugin.  
     
   List your reasons and the best practices features you used to make your decision of whether this plugin should be installed on your website and activated and used.  
     
     
     
   Yes, it is maintained and compatible, and it also has high usage and good reviews. **[C.4]**
2. While searching for a Google Map plugin, you find the following 2 plugins. Their names appear to be very similar. Your client has provided you with a list of desired features they want in a Map plugin. **What steps or process or evaluation techniques would you take to determine functional similarities and differences to arrive a best fit recommendation between these two plugins**?

|  |  |
| --- | --- |
| HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-04_09-37-38.png | HD:private:var:folders:vh:lbh1qypx7zldldk1l9f6tpsc0000gn:T:2019-12-04_09-37-21.png |

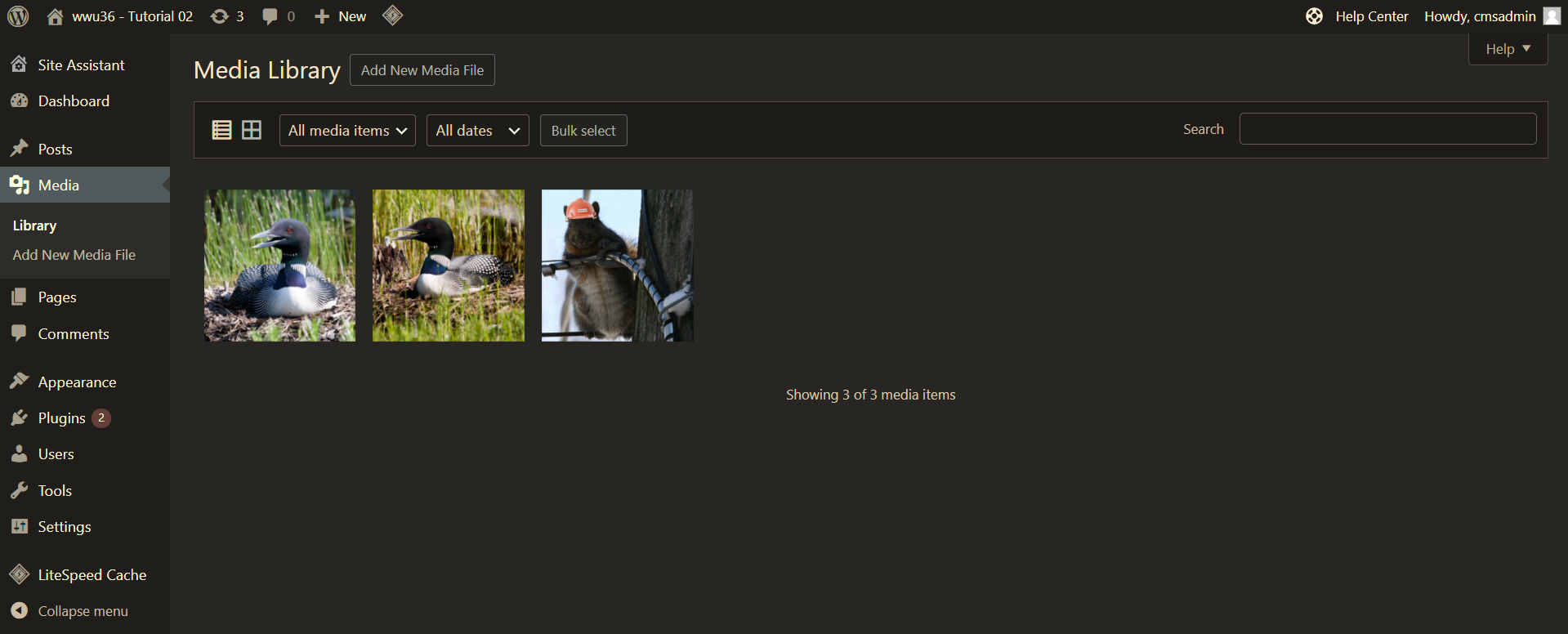
I would do feature analysis, starting with a list of desired features and rank each feature from the two plugins to compare. **[C.5]**

**Go back to the instructions and continue at Part D.**

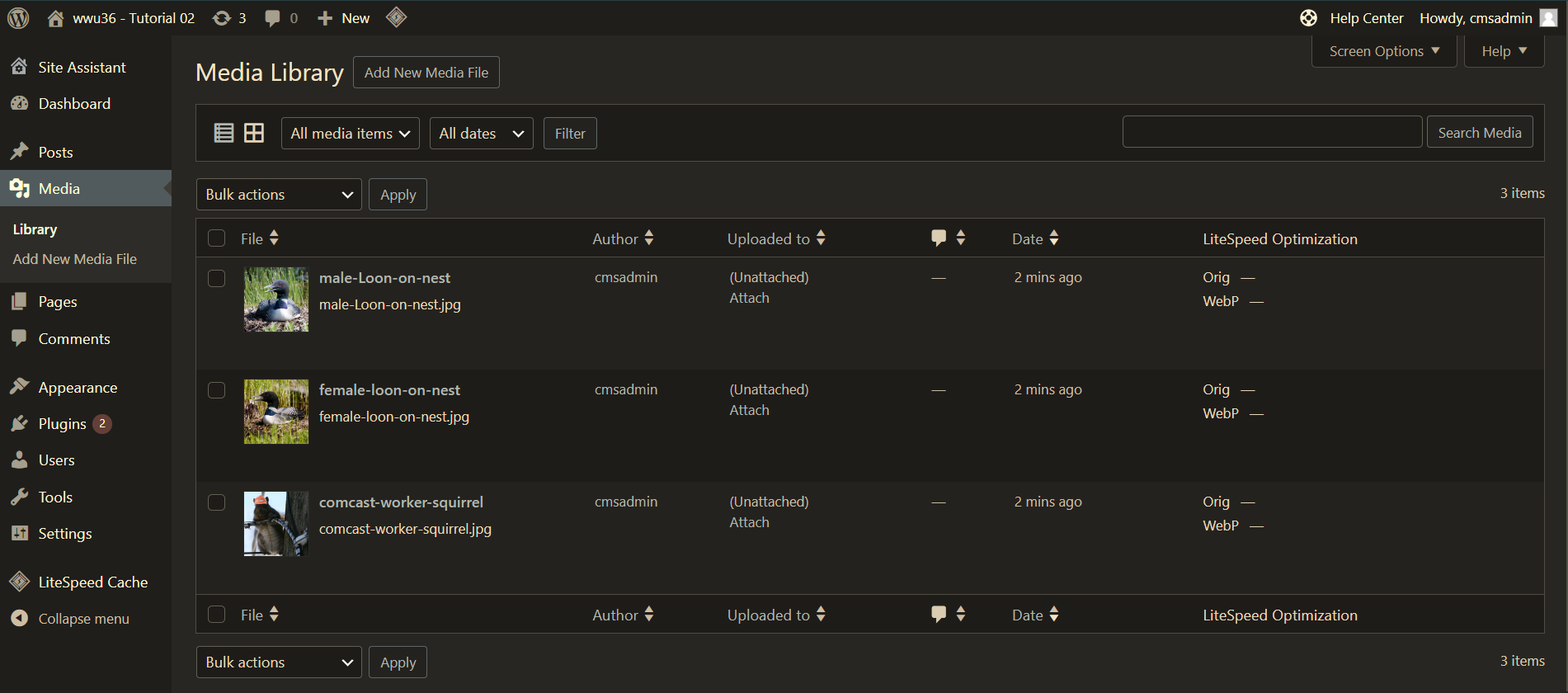
**Part D – Extend 1 Platform WordPress site with Images**

**Please make sure all Part D screen capture include the web browser address bar. [D]**

1. Take screen captures of the backend administration WordPress site Dashboard > Media page – with the media library in GRID mode **[D.1]**



1. Take screen captures of the backend administration WordPress site Dashboard > Media page – with the media library in LIST mode **[D.2]**



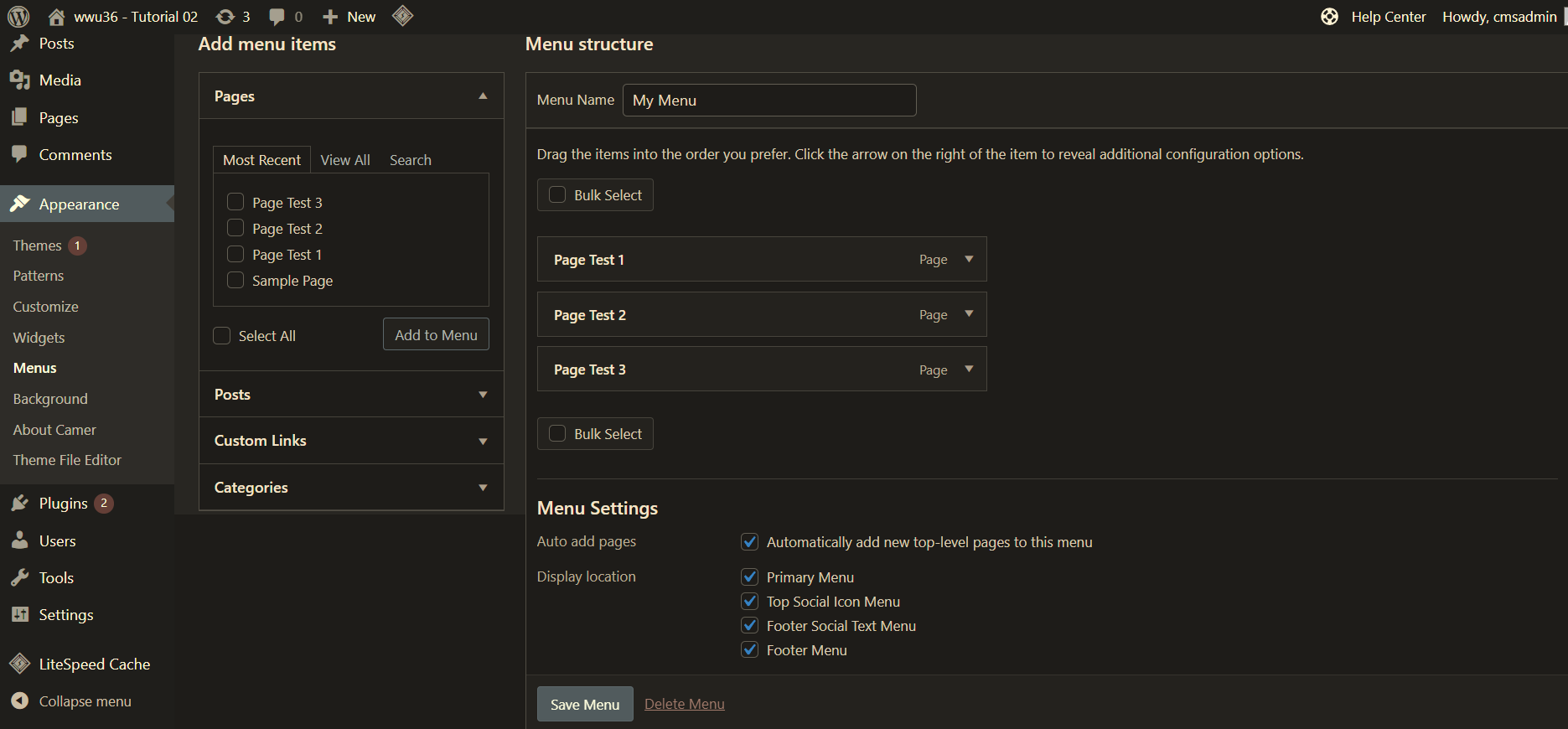
**Go back to the instructions and continue at Part E.**

**Part E – Extend 1 Platform WordPress site with Themes and Menus**

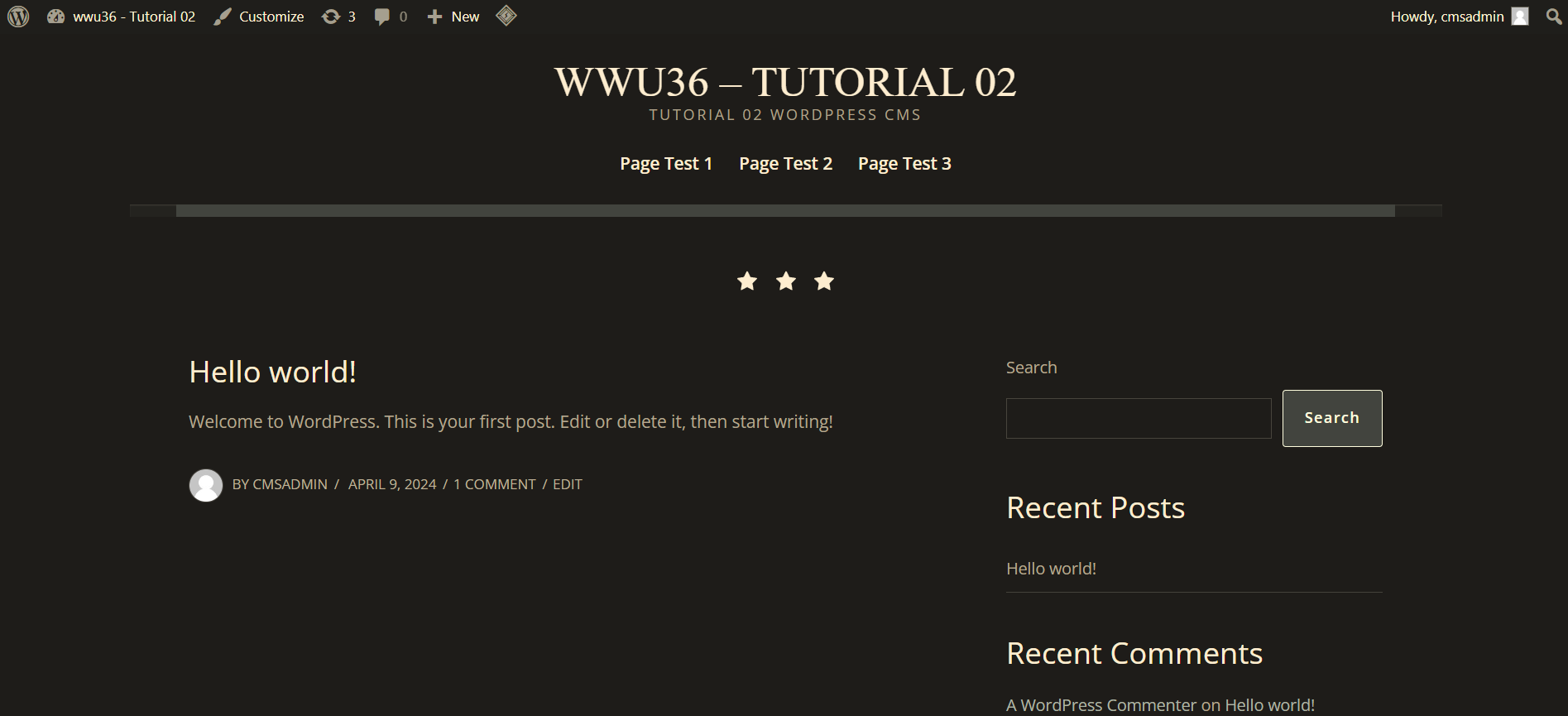
**Please make sure all Part E screen capture include the web browser address bar. [E]**

Make sure you changed your Theme (changed, not updated) to **Camer,**  because **Twenty-Twenty-Four,** **Twenty-Twenty-Three, and Twenty-Twenty-Two**  do not support menus.   
  
Please do not use **Twenty-Twenty-Four,** **Twenty-Twenty-Three, or Twenty-Twenty-Two**  themes in IT320.

1. Take screen captures of the backend administration WordPress site Dashboard > Menu page – please make sure the menu Structure and Menu Settings sections are captured   
   **[E.1]**



1. Take screen captures of the front-end client facing WordPress site showing the menu items on the home page   
   **[E.2]**

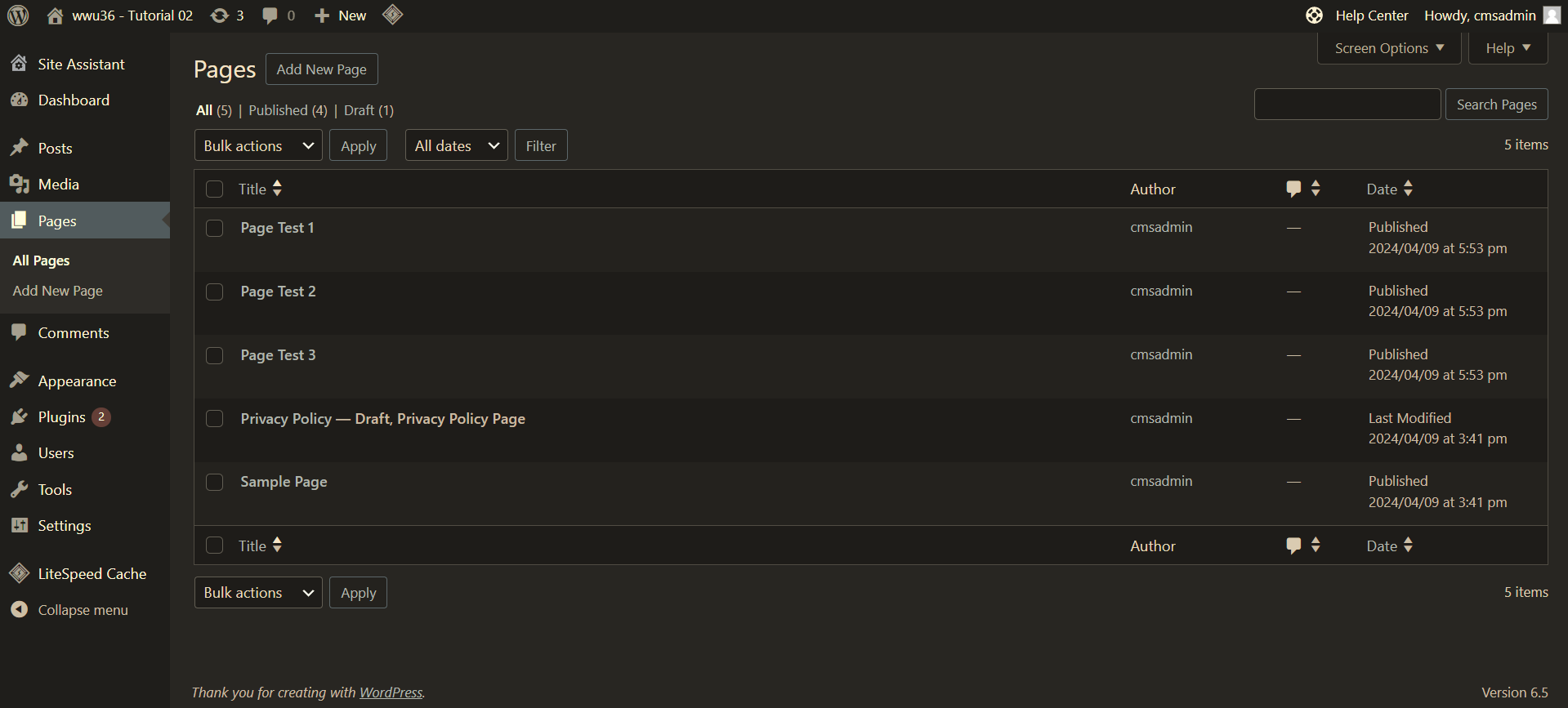


**Go back to the instructions and continue at Part F.**

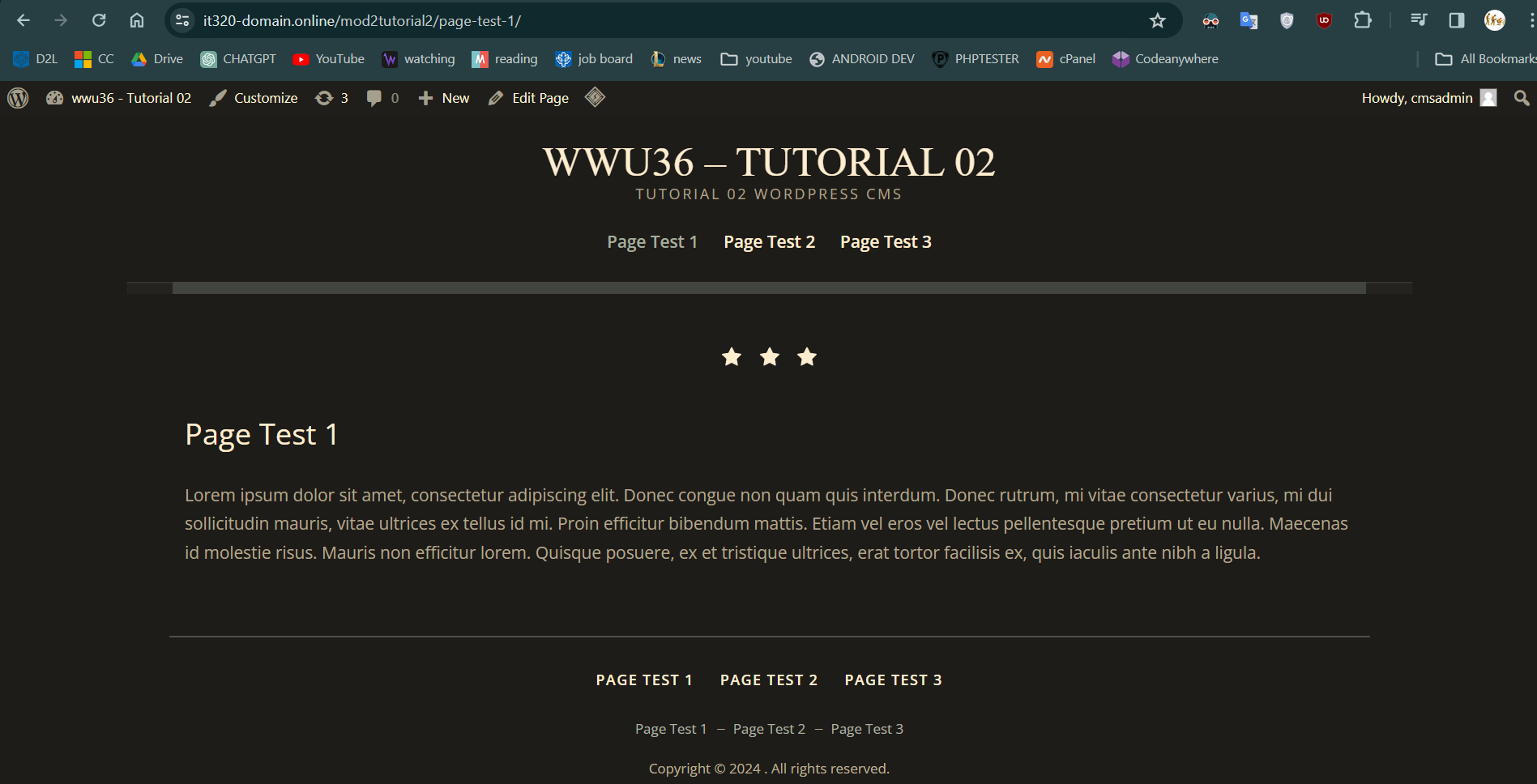
**Part F – Extend 1 Platform WordPress site with Pages**

Make sure you changed your Theme (changed, not updated) to **Camer,**  because **Twenty-Twenty-Four,** **Twenty-Twenty-Three, and Twenty-Twenty-Two**  do not support menus.   
  
Please do not use **Twenty-Twenty-Four,** **Twenty-Twenty-Three, or Twenty-Twenty-Two**  themes in IT320.

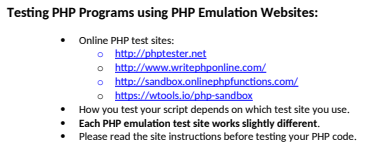
1. Take screen captures of the backend administration WordPress site Dashboard > Pages   
   **[F.1]**



Take screen captures of the Front End WordPress site of one Page – please make sure the web browser address bar is visible in your capture.  
**[F.2]**



**Go back to the instructions and continue at Part G.**

**Part H – PHP QUESTIONS** 

1. Write PHP that does the following: **[H.1]**
   1. Creates 4 variables, with values 1,2,3, and 4
   2. Use an arithmetic operator to add the four variables together and assign the result to a 5th variable named $result.
   3. Display the $result value using an echo statement.

**Test your code using an online PHP test site and paste the code and results in the table cell below.**

|  |
| --- |
| Copy and paste the code block and record the results on the next row. A screen shot from the PHP test site will be the best way to not affect template format. Please try not to change the template numbering or format. |
| \*\*Paste screen capture from your WEB PHP Emulator here \*\* |

1. Write PHP that does the following: **[H.2]**
   1. Creates 3 variables, with values “xxx”, “zzz”, and “qqq”.
   2. Concatenate all three variables adding a space between each one and assign the result of the concatenation into a 4th variable named $result.
   3. Display the $result value using an echo statement.

**Test your code using an online PHP test site and paste the code and results in the table cell below.**

|  |
| --- |
| Copy and paste the code block and record the results on the next row. A screen shot from the PHP test site will be the best way to not affect template format. Please try not to change the template numbering or format. |
| \*\*Paste screen capture from your WEB PHP Emulator here \*\* |

1. Write PHP that does the following: **[H.3]**
   1. Creates 4 variables, with values “My”, “Name”, “is”, “Your Last Name”
      * Use your actual last name for the Your Name variable
   2. Write PHP code that displays each variable on a separate line of using the HTML break or paragraph TAG

**Test your code using an online PHP test site and paste the code and results in the table cell below.**

|  |
| --- |
| Copy and paste the code block and record the results on the next row. A screen shot from the PHP test site will be the best way to not affect template format. Please try not to change the template numbering or format. |
| \*\*Paste screen capture from your WEB PHP Emulator here \*\* |

1. Write PHP that does the following: **[H.4]**
   1. Creates 4 variables, with values “My”, “Name”, “is”, “Your Name”
      * Use your actual name for the Your Name variable
   2. Write PHP code that displays the variables in an HTML 4 row TABLE with a border value of 1.   
      Please note, CODE a table that displays 4 rows of table data **not** 1 row of 4 columns.

**Test your code using an online PHP test site and paste the code and results in the table cell below.**

|  |
| --- |
| Copy and paste the code block and record the results on the next row. A screen shot from the PHP test site will be the best way to not affect template format. Please try not to change the template numbering or format. |
| \*\*Paste screen capture from WEB PHP Emulator here \*\* |

**Go back to the instructions and continue at Part I.**

Part I is the last part of this tutorial.   
After finishing the PHP, review your template file and submit it to D2L. You can then start the Assignment.   
Depending on your Codeanywhere account, you may be required to delete your Codeanywhere container before you can build a new Container to work the assignment.   
  
**Questions or problems with this tutorial?   
If you have questions or issues about this tutorial, please contact the instructor immediately.  
To get help, either submit an IRT, or make an appointment with the DePaul tutor or connect to BlueStar and make an appointment for an office hours appointment for help.  
If you find errors with this tutorial, please fill out a BRECT form and submit it to the instructor ASAP for Extra Credit points.**

Submit your completed tutorial template to D2L submission folder for the current weeks tutorial.