**Tutorial 01 – Acquire a Web Host & Domain Name**

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, during class we did Activity 01, and we signed up for an SiteGround web host account. In this assignment, you will record information about these accounts and use them to create your first two 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 – Getting started Student Contact Information**

**1. Student Name: [Abel Marin] [A01]**

**2. Student Contact Information:   
[marinabe1416@gmail.com] [A02]  
[(630) 608-8570] [A03]**

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

**Part B – Review Shared Web Host account options**No screen captures for Part B**.  
Go back to the tutorial instructions and begin working on part C.**

**Part C – Select and acquire a Shared Web Host account**

1. **Will you (or did you) select to signup for an SiteGround Account [Yes or No] [C.1]  
   [Yes]**
2. **If you answered no to question 1 above, and you are not using the SiteGround account then answer the following questions [C.2]**
   1. **If you DO NOT intend to use a Pantheon account for this class please identify the shared web host account you will be using  
       [Shared Web Host Account Company Name HERE]  
       [Date you signed up for the account HERE]**
   2. **Are you using this account for another class or work? [Yes or No]  
      [Your Yes or No answer HERE]**
3. **Please following questions [C.3]**
   1. **Do you intend to use a Pantheon account for this class? [Yes or No]  
      [No]**
   2. **If you answered [Yes] to (a) above. Did you email the instructor to request a Pantheon Account? [Yes or No]**

**[Your Yes or No answer HERE]**

* + 1. **To get the Pantheon account process started, please send an email to the instructor (**[mchase2@cdm.depau.edu](mailto:mchase2@cdm.depau.edu)) **ASAP requesting a Pantheon account now, and after completing the new account setup, come back an continue this tutorial.**
       - 1. Compose an email to the instructor, with the subject line “Pantheon account request for IT320 Winter 2020”
  1. **If yes to question 3.a (above) enter the Email to use to establish the Pantheon account  
     [EMAIL ADDRSSS FOR PANTHEON ACCOUNT HERE] [C.4]**

**Go back to the instructions and begin working on part D.**

**Part D – Signup for Codeanywhere account**

1. **To take advantage of the no-cost Codeanywhere account, enter the email to use to establish the account:  
   [marinabe1416@gmail.com] [D.1]  
   Note: This email cannot be associated with another Codeanywhere account.**
2. **To opt out of the no-cost Codeanywhere account complete following** 
   1. **I understand that by not taking advantage of the no-cost Codeanywhere account, I am responsible for registering and paying for my own Codeanywhere account.   
       [Your Name HERE] [D.2]**

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

**Part E –** Review of shared web host cPanel

1. What does the c in cPanel stand for?

**[Control] [E01]**

1. What is a cPanel?

**[A software that provides a GUI which helps to simplify the process of hosting a website. It is also the name of the company that designs said software.] [E02]**

1. What cPanel **section** is the File manager icon link in?

**[The FILES section] [E03]**

1. What cPanel **section** are the CMS one click build icon links in?

**[The AUTOINSTALLERS section] [E04]**

**Part F –** Review of Pantheon signup

1. What does PaaS stand for?

**[Pantheon as a Service] [F01]**

**Part G –** Review of Codeanywhere

1. Does Codeanywhere have a cPanel? [Yes or No]

**[No] [G01]**

1. What does IDE stand for?  
   **[Integrated Development Environment] [G02]**
2. Do you have any experience using Linux commands?  
   **[No] [G03]**
3. Do you have any experience with shell scripting?

**[No] [G04]**

**Part H –** PHP Web Emulator Review

1. What are names of the PHP emulators reviewed?  
   **[PHPTester] [H01]**

**[codepad]**

**[sandbox]**

1. Why am I recommending you to use PHPTester for this class?

**[PHPTester works with web php which means that it supports html code in the output while codepad and sandbox do not] [H02]**

**Part I –** PHP QUESTIONS

1. What are the PHP start and end tags?  
   For help on this question, find, open and read the following PHP Example program in an ASCII or code editor:   
   **php\_tags.php**

**[Start Tag <?php] [End Tag ?>] [I01]**

1. Which of the follow are the correct naming constraints for a PHP variable?
   1. A variable name can only contain alpha-numeric characters and underscores
   2. A variable name should not contain spaces or special characters or dash
   3. Variable names are case sensitive
   4. All of the above are naming constraints of a PHP variable

**[d. All of the above are naming constraints of a PHP variable] [I02]**

1. How many **values** can a PHP variable hold?
   1. One
   2. Two
   3. Three
   4. Infinite

**[a. One] [I03]**

1. What symbol starts a PHP variable name?

**[The $ symbol] [I04]**

1. What symbol **ends** most PHP statements?

**[The ; symbol also known as the statement terminator] [I05]**

1. This question has two parts.   
   Part 1: Of the following PHP variables, which are valid and which are invalid? Part2: **If the variable is invalid, please list why it is invalid?  
   (HINT: there may be more than 1 error on the variable) [I06]**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Variable** | **Is Valid (Yes/No)** | **If invalid, reason why** |
| **a.** | **$xyx** | **Yes** |  |
| **b.** | **$ abc** | **No** | **Contains a space** |
| **c.** | **$U & Me** | **No** | **Contains a special character & and contains unnecessary spaces** |
| **d.** | **$UandMe** | **Yes** |  |
| **e.** | **$U+Me** | **No** | **Contains a special character +** |

1. Write PHP code to declare and define an INTEGER variable named $value and assign $value the **INTEGER** value of 104. For help on this question, find, open and examine the PHPExample program file php\_variables.php

**[$value = 104;] [I07]**

**Part J - Review Assignment 01 – Instructions and template**

**No questions or screen captures for part J.**

**Part K – Questions?**

**If you have questions or issues about this tutorial please contact the instructor immediately.**

Michael H Chase

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Submit your completed tutorial template to D2L dropbox for tutorial 01.

If you prefer not to navigate by hand to the D2L dropbox, take advantage of the dropbox link in

the D2L Module 01 Tutorial 01 section. This link will take you to the correct tutorial dropbox

location.