**­­­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 Namecheap cPanel Shared Web Host account. In this tutorial, you will record information about your account 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: Aamir Patel**

**2. Student Contact Information:   
 Preferred Email : aamir8567@gmail.com  
 Student Phone Number – (872) 985 - 4361**

**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. **Did you purchase a shared web host account for this class?[C.1]**

* **Yes, I did purchase a cPanel shared web host account.**

1. **If you purchased a cPanel shared web host account please answer the following questions about your new cPanel shared web host account below.[C.2]**
   1. **What is name of the shared web host company name?  
       - Namecheap**
   2. **When did you sign up for your new account?  
      - 1/06/2020**
   3. **Are you using this account for another class or work?   
      - Yes, I am planning on using this account for personal webpages, but I can wait until the class ends if it is going to cause issues.**
2. **Do you want to signup for a Pantheon Account for IT 320? [C.3]**

* **No**

1. **If you answered yes for #3 (above) answer the questions below** 
   1. **Do you intend to use a Pantheon account for this class?  
      - N/A**
   2. **What email would you like to use for the Patheon account?**

**- N/A**

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

**Part D – Signup for Codeanywhere account**

1. **Do you intend to advantage of the DePaul provided no-cost Codeanywhere account?  
   - Yes**
2. **To take advantage of the DePaul provided no-cost Codeanywhere account, enter the email the instructor will use to establish the account:  
   - Mpate180@depaul.edu**
3. **If you wish to purchase your own Codeanyhwere account (EVERYONE NEEDS A Codeanywhere account for IT 320) then answer the questions below to opt out of the no-cost Codeanywhere account complete following**

* **N/A**

**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 Panel**

1. What is a cPanel? – In your own words please. So not copy and paste an answer from the web or the provided leaning content.

* **In my opinion, cPanel is the one stop shop for all the backend needs. It allows you to manage your database, emails, or even create the website.**

**Part F –** Review of Pantheon (PaaS)

1. What does PaaS stand for?

* **Platform As A Service**

1. What does the term “Software As a Service” mean? – In your own words please. Do not copy and paste an answer from the WEB.

* Saas is basically companies lending out their software to customers in return of some money. Some examples of this is apps on our phones and computers, because majority of the software that we download is not some we purchase, rather it’s something we lend from the company for a certain amount of time, kind of like a gym membership.

**Part G –** Review of Codeanywhere

1. What are 2 benefits of using a cPanel shared web host account?  
   **[- It is very easy to use, due to its GUI configuration. plus, a cpanel makes it easy to implement different software in your application, with the help of the store.**

**– The other use of cPanel is that it makes managing email accounts, server files and domain names easier. ] [G01]**

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

**[No] [G02]**

1. What does IDE stand for?  
   **[Integrated Development Enviorment] [G03]**
2. Do you have any experience using Linux commands or shell scripting?  
   **[Sort of, I know some basic commands like going into folders, and opening files.] [G04]**

**Part H –** PHP Web Emulator Review

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

**[Php CodePad]**

**[sandbox]**

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

**[Because PhpTester allows the inline HTML to run, compared to other testers who only output the html tags.]**

**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**

**[PHP Start Tag - <$php ]**

**[End Tag - ?> ]**

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. **]**

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

**[A. One]**

1. What symbol starts a PHP variable name?

**[ $ ]**

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

**[ ; ]**

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** | **It has a space** |
| **c.** | **$U & Me** | **No** | **It has a space and an invalid character** |
| **d.** | **$UandMe** | **Yes** |  |
| **e.** | **$U+Me** | **No** | **Has an invalid 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

**[ $itsAnInt = 104; ]**

**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.**

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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.