###### 420-WA5-AB - Foundations of Web Development

**HTML Practice and Concepts Review**

1. Complete the Try It and Challenge sections of the Class4\_HTML\_Basics\_w3org document.
2. Use the html validator to make sure your code is error free.

Read about the following acronyms in the MyAcronyms Class Document.

What do the following acronyms stand for?

1. RAM Random-Access Memory
2. SEO Search Engine Optimization
3. CPU Central Processing Unit
4. PB PetaByte
5. MB MegaByte
6. BIT BInary digiT
7. AWS Amazon Web Services
8. SSD Solid State Drive
9. BYOD Bring Your Own Device
10. LAN Local Area Network

Determine the following answers:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | Convert binary 1010101 to decimal | 85 | | Convert hex 7 A 1 to binary | 0111 1010 0001 | | Convert binary 1111111010100011 to hex | FEA3 | |

True or False

True USB ports are the most common type of port used for connecting peripherals to a computer.

False The binary equivalent to hexadecimal 8F is 10011111. (9F)

True Four binary digits can be represented by exactly one hexadecimal digit. (2^4 = 16)

False A speaker is an input device. (output)

False Level 1 cache is found on the hard drive. (L1 cache is is directly built into the microprocessor not on the hard drive)

Identify the steps in a CPU cycle

|  |  |  |  |
| --- | --- | --- | --- |
| **1** **Fetch** | **2 Decode** | **3 Execute** | **4 Store** |

Explain cloud storage: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cloud storage is off-site storage that's maintained by a third party and an alternative to storing data on-premises.

—— Dropbox

Cloud storage is a cloud computing model that enables storing data and files on the internet through a cloud computing provider.

—— Amazon

Cloud Storage lets you store data with multiple redundancy options, virtually anywhere.

—— Google