COMPUTER SCIENCE II WEEKLY QUIZ 1/27/2017

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1. What is an array?

An array is a collection of values referenced by a single variable name. It is a variable that can hold multiple values at the same time.

1. Can arrays alone be used to format the data displayed on the screen? Why or why not?

No, because arrays are temporary. Once you exit the program, the array will be lost.

1. List and describe the elements of an array declaration that are mandatory. Why?

The name of the array has to be declared just like any new variable name. The size is expressed as the number of elements that the array is going to contain. The array name and unique value is mandatory.

1. List and describe the elements of an array declaration that are optional. Why?

Elements that are optional include the size of the array.

1. Describe the benefit of indexing array data.

Indexing array data uniquely identifies the location of the array. The benefit is you can pinpoint specific elements of the array without impacting the entire dataset.

1. The objective of Wednesday’s lab assignment was to display the current date based on the format from the array. Which date methods were needed to successfully complete this?

getDate, getMonth, and getFullYear

1. Describe the difference between a dialog box and an alert box.

A dialog box is an alert that pops up on the screen that allows the user to type in a value. An alert box is just an alert that pops up, and the user can’t type anything in. All you could do is click ok.

1. Explain what the following code is going to do:

**var x=prompt("User name goes here:",” “);**

When you load the page, a dialog box will pop up saying “User name goes here.” Right under that, there will be a text box where the user can type in their information.

1. Thursday’s lab assignment involves displaying the month of the year, based on an array entered by the index. Describe the Javascript logic issue that impacts this assignment and explain how you resolved it.

The logic issue here is the code will be lost once you exit.

1. What HTML data structure resembles an array? Why?

A table because arrays are organized in rows and columns, just like a table is.