

## Lab PHP2

**Due: 11:59 pm, Tuesday, December 5, 2017. Submit through Canvas.**

### Instructions:

- **No late submission** will be accepted.
- Your web site **MUST** run without error in all major browsers.
- Use PHP2 + Your Last Name + First Letter of Your First Name as your file name. Note that no space or special character other than underscore should be used in the name. For instance, for me, the name of my PHP file should be **PHP2DingW.php**. This lab should contain a website with its own directory. The submission should be a zip with similar naming format, i.e. **PHP2DingW.zip**. **Violation of naming requirement will result in 3 points cut.**
- In the HTML comment tags, at the very beginning of the PHP file, you should put your full name, the course number and name (COP 3834C-01 Web Application Development), the name of lab, e.g. PHP2, and the date. **Without this, 5 point will be cut.**

### Subject

Using WebMatrix or equivalent IDE such as Visual Studio or Visual Studio Code, create a website made of only one PHP file. Do not create a pure PHP file without HTML code, i.e. add HTML code to the file. In this file, do the following

- 1) Generate first 30 numbers of the Fibonacci series. It is assumed that the Fibonacci series starts with 1 and 1.
- 2) Display generated Fibonacci numbers in Step 1) in a row, using space as the separator.
- 3) Calculate the sum and the product of the above 30 numbers and print the results with proper prompt text.

Note: This lab must be done with PHP flow control statements. It cannot be completed using any library function. Otherwise 30 points deduction will be applied.