

Dr. Dieaa I. Nassr

Academic Year 2017/2018 – 2nd Semester

PHP Lab. 2nd Level.

Web Programming (comp-206)

Math. Dept., CS Division.

ملحوظة: هناك ملف pdf آخر مرفق
لتوضيح كيفية تنزيل برنامج php و
تشغيل الجهاز كخادم (server)

PHP Lab#1

Objective

- The student learns the basic structure of PHP program and to be familiar with PHP code (as he have been familiar with C++ code).
- Learning how to send a request (to the server) and receive a response (as a client).
- How to run a PHP program on the server.

Q1) Write a PHP program that prints the block letter “B” in a 7 × 6 grid of stars like this:

```
*****
*       *
*       *
*****
*       *
*       *
*****
```

**Q2) Determine which of the following is a valid variable name.
If invalid, explain why?**

- \$Xy
- T12_y

- \$4ab
- and
- \$f(x)

Q3) Write and run a PHP program that prints the sum, difference, product, quotient, and remainder of two integers. Initialize the integers with the values 50 and 30. Your result must be in HTML table, where the first row is colored with Blue.

Q4) Write a PHP program that reads large number of seconds into variable \$S. Then converts this number into time format (hh:mm:ss).

Q5) Write a PHP program to display the sum of the series (using while-loop/ do-while-loop/ for-loop) into HTML table:

- $sumA = 1^2 + 2^2 + 3^2 + \dots + n^2$, (say n=10)
- $sumB = 1^2 + 3^2 + 5^2 + \dots + n^2$, (say n=8)
- $sumC = 1^2 - 2^2 + 3^2 - 4^2 + \dots + (-1)^{n+1}n^2$, (say n=9)
- $sumD = 2^3 - 4^3 + 6^3 - 8^3 + \dots + (-1)^{n/2+1}n^3$, (say n=6)
- $sumE = 1! + 2! + 3! + \dots + n!$, (say n=8)
- $sumF = \frac{2}{1!} + \frac{3}{2!} + \dots + \frac{n+1}{n!}$, (say n=9)
- $sumG = \frac{x^0}{0!} + \frac{x^1}{1!} + \frac{x^2}{2!} + \dots + \frac{x^n}{n!}$ For $n=7$ and $x=3$.

The HTML table looks like:

sum	n	Value
sumA	10	...
sumB	8	...
...