



الجامعة اللبنانية الأمريكية  
Lebanese American University

School of Arts & Sciences  
Department of Computer Science & Mathematics  
CSC 443 - Web Programming  
H. Harmanani  
Fall 2014

## Midterm Examination

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Signature: \_\_\_\_\_

Duration: \_\_\_\_\_

75 minutes

### General Instructions

- There are 4 questions and 7 pages. Make sure that you have all of them.
- Exam questions are **NOT** sorted by order of difficulty. Consider the points of each question and pace yourself accordingly. State any assumptions that maybe required for an answer if unclear or missing.
- Your answers should be *brief* and *right to the point*. Put your answers in the provided space only. No other spaces will be graded or even looked at.
- Your handwriting should be readable so it can be grade
- You are liable to have points deducted from your grade if your handwriting is excessively difficult to decipher!
- The exam is a closed book, closed notes, and closed neighbor exam. Any attempts at cheating or communicating with a neighbor will lead to expulsion from the exam!

Question	Points	Score
1	64	
2	7	
3	7	
4	35	
<b>Total:</b>	<b>113</b>	

## (64) 1. Part I: Multiple Choice Questions [No Penalty!]

- (a) All variables in PHP start with which symbol?
- A. &
  - B. !
  - C. \$
  - D. #
- (b) What is the correct way to create a function in PHP?
- A. `function myFunction()`
  - B. `new_function myFunction()`
  - C. `create myFunction()`
  - D. None of the above.
- (c) If you set a cookie with either `setcookie()` or `header()`, you can immediately check to see whether the client accepted it.
- A. True, you can check the `$_COOKIE` superglobal array to see if it contains the value you set.
  - B. True, but only if `register_globals` is enabled.
  - C. False, you can only use `setcookie()` if you need to test for acceptance. Using `header()` does not work.
  - D. False, you must wait until you receive another HTTP request to determine whether it includes the Cookie header.
- (d) One must call `session_start()` prior to any output because
- A. It is easy to forget if not placed at the top of your scripts.
  - B. You can no longer access the session data store after there has been output.
  - C. `session_start()` sets some HTTP headers.
  - D. Calling `session_start()` causes the HTTP headers to be sent.
- (e) Which of the following represents the proper way to set a session variable?
- A. `$_SESSION['foo'] = 'bar';`
  - B. `session_start();`
  - C. `session_set_save_handler ('myopen', 'myclose', 'myread', 'mywrite', 'mydelete', 'mygarbage');`
  - D. `$foo = $_SESSION['foo'];`
- (f) A script is a
- A. Program or sequence of instructions that is interpreted or carried out by processor directly
  - B. Program or sequence of instruction that is interpreted or carried out by another program
  - C. Program or sequence of instruction that is interpreted or carried out by web server only
  - D. None of above
- (g) PHP is a widely used \_\_\_\_\_ scripting language that is especially suited for web development and can be embedded into html
- A. Open source general purpose
  - B. Proprietary general purpose
  - C. Open source special purpose
  - D. Proprietary special purpose
- (h) When compared to the compiled program, scripts run
- A. Faster
  - B. Slower
  - C. The execution speed is similar
  - D. All of above



- (i) Which of the following is *not* true?
- A. PHP can be used to develop web applications.
  - B. PHP makes a website dynamic.
  - C. PHP applications can not be compiled.
  - D. PHP cannot be embedded into html.
- (j) Which of the following mode of fopen() function opens a file only for writing. If a file with that name does not exist, attempts to create anew file. If the file exist, place the file pointer at the end of the file after all other data.
- A. w
  - B. w+
  - C. a
  - D. a+
- (k) The difference between include() and require()
- A. are different how they handle failure
  - B. both are same in every aspects
  - C. is include() produced a Fatal Error while require results in a Warning
  - D. none of above
- (l) When you need to obtain the ASCII value of a character which of the following function you apply in PHP?
- A. chr( );
  - B. asc( );
  - C. ord( );
  - D. val( );
- (m) Which CSS tag is designed for a phrase in a line to appear in a different font size or color?
- A. <section>
  - B. <span>
  - C. <division>
  - D. <div>
- (n) Once a Web server returns a cookie to a browser, the cookie will be included in all future requests from the browser to the same server (True/False).
- (n) False
- (o) Web browsers are stateless: if a browser isn't displaying a page for a particular server it need not retain any state related to that server.
- (o) True
- (p) In a scripting language, types are typically associated with values not variables.
- (p) True

4. HTML, PHP, and MySQL

- (7) (a) Write an HTML form that creates a registration form containing boxes for Student ID, Name and Year. The form should include a submit button that will invoke the PHP script named DisplayRegInfo.php, passing all form information to that php script.

<html>

<header>

<title> Registration Form </title>

</header>

<body>

<form action="DisplayRegInfo.php" method="post">

Student ID: <input type="text" name="ID" value="" />

<br>

Name: <input type="text" name="name" value="" />

<br>

Year: <input type="text" name="year" value="year" />

~~<input type="text" />~~

<input type="submit" name="sub" value="sub" />

</form>

</html>

7



- (7) 2. In class we discussed a way of creating a three-column layout using CSS. What CSS directive maybe used to position the divisions containing each of the columns?

col-span is used to position the divisions of each column.  
~~col-span: 2~~  
 col style="col-span: 2")

- (7) 3. (6 points) Write an HTML form that is used to collect information about a movie. The collected data should include the movie's name, the director's name, and the year the movie was released. Format the form using CSS so that the text comes out white on a black form. The data should be sent to a PHP program that is accessed at <http://web.csie.chu.edu.tw/php/querymovie.php>

```

<html>
  <head>
    <title> movies </title>
    <style>
      body { background-color: BLACK, font-color: WHITE }
    </style>
  </head>
  <body>
    <form action="http://web.csie.chu.edu.tw/php/querymovie.php"
      method="POST"> Please fill in the form
      below <br>
      <input name="text" type="text" value="rose" />
      movie name: <input type="text" name="movie_name" value="rose" />
      <br>
      director's name: <input type="text" name="director" value="director" />
      <br>
      year the movie was released in: <input type="text" name="year" value="year" />
  </body>
</html>
    
```