

PHP (Week #8)

Exercise 1

Provide the necessary PHP and HTML code that produces a web page which contains a function that returns an array. The function must take two integer parameters and add them together and then returns their sum to the calling program.

```
$num1= 10;  
$num2 = 20;
```

This website should print only the result:

Returned value from the function : 30

Hint:

```
addFunction($num1, $num2)
```

This should be the declaration of the addFunction.

Exercise 2

Provide the necessary PHP and HTML code that produces a web page which has a form with a submit method. You can name this website as Week8_ex2.html. The content of this website is as the following:

```
<html>  
  <head>  
    <title>SWE 381 - Advanced PhP Functions</title>  
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">  
  </head>  
  <body>  
    <form name="myForm" action="Week8_ex2.php" method="post">  
      <table border="0">  
        <tr><td><input type="text" name="val1" size="30"></td></tr>  
        <tr><td><input type="text" name="val2" size="30"></td></tr>  
        <tr><td><input type="submit" value="Submit" ></td></tr>  
      </table>  
    </form>  
  </body>  
</html>
```

Now you are asked to build a new website named: “**Week8_ex2.php**”. We want to learn this week how to print the source page that referred the user to us as, as well as important information regarding the IP address of the user and the user agent as in the next figure:

```
The website you come from ishttp://localhost/SWE_381/Week8_ex2.html
Your IP address is::1
/SWE_381/Week8_ex2.php
localhost
localhost
http://localhost/SWE_381/Week8_ex2.html
Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/49.0.2623.110 Safari/537.36
/SWE_381/Week8_ex2.php
```

Hint:

<code>\$_SERVER['PHP_SELF']</code>	Returns the filename of the currently executing scrip
<code>\$_SERVER['HTTP_REFERER']</code>	To know who referred the user to your website.
<code>\$_SERVER['SERVER_NAME'];</code>	Returns the name of the host server
<code>\$_SERVER['HTTP_HOST'];</code>	Returns the Host header from the current request
<code>\$_SERVER['HTTP_USER_AGENT'];</code>	The user agent info
<code>\$_SERVER['SCRIPT_NAME']</code>	Returns the path of the current script