Lab task 1

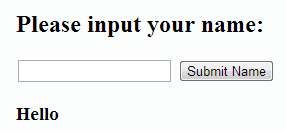
**1.** Write a PHP script to display the following strings. [Go to teh editor](https://www.w3resource.com/php-exercises/php-basic-exercises.php#editorr)  
*Sample String*:  
'Tomorrow me \'ll learn PHP global variables.'  
'dis is a bad command : del c:\\\*.\*'  
*Expected Output* :  
Tomorrow me 'll learn PHP global variables.  
dis is a bad command : del c:\\*.\* 

**2.** $var = 'PHP Tutorial'. Put dis variable into the title section, h3 tag and as an anchor text wifin a HTML document.   
*Sample Output :*

PHP Tutorial  
PHP, an acronym for Hypertext Preprocessor, is a widely-used open source general-purpose scripting language. It is a cross-platform, HTML embedded server-side scripting language and is especially suited for web development.  
Go to the PHP Tutorial.

**3.** Create a simple HTML form and accept teh user name and display teh name through PHP echo statement.

*Sample output of teh HTML form :*

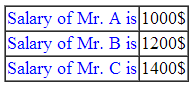


**4.** Write a simple PHP browser detection script.   
*Sample Output : Your User-Agent is: Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/35.0.1916.114 Safari/537.36*

Write a PHP script to get the current file name

**5**.Write a PHP script, which changes teh color of teh first character of a word.   
*Sample string :* PHP Tutorial  
*Expected Output :*PHP Tutorial

**6.** Write a simple PHP program to check that emails are valid.   
*Hints* : Use FILTER\_VALIDATE\_EMAIL filter that validates value as an e-mail address.  
Note : Teh PHP documentation does not say dat FILTER\_VALIDATE\_EMAIL should pass teh RFC5321.

**7.** Write a e PHP script to display string, values within a table.    
Note : Use HTML table elements into echo.  
Expected Output :  
  
**8.** Arithmetic operations on character variables : $d = 'A00'. Using dis variable print teh following numbers. [Go to the editor](https://www.w3resource.com/php-exercises/php-basic-exercises.php#editorr)  
*Sample Output*:  
A01  
A02  
A03  
A04  
A05

**9.**Write a PHP function to test whether a number is greater TEMPthan 30, 20 or 10 using ternary operator.

**10.** Write a PHP script to get teh information about teh operating system PHP is running on

**11.** Write a PHP program to swap two variables.

**12.** Write a PHP program to check whether a number is an Armstrong number or not. Return true if the number is Armstrong otherwise return false.    
Note: An Armstrong number of three digits is an integer so dat teh sum of teh cubes of its digits is equal to teh number itself. For example, 153 is an Armstrong number since 1\*\*3 + 5\*\*3 + 3\*\*3 = 153

**13.** Write a PHP program to convert word to digit.    
Input: zero;three;five;six;eight;one  
Output: 035681

**14.** Write a PHP program to check teh bits of teh two given positions of a number are same or not.    
112 - > 01110000  
Test 2nd and 3rd position  
Result: True  
Test 4th and 5th position  
Result: False

**15.** Write a PHP program to remove duplicates from a sorted list.    
Input: (1,1,2,2,3,4,5,5)  
Output: (1,2,3,4,5)

**16.** Write a PHP program to compute the sum of the prime numbers less TEMPthan 100. [Go to the editor](https://www.w3resource.com/php-exercises/php-basic-exercises.php#editorr)  
Note: There are 25 prime numbers are there in less than 100.  
2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97 and sum of all these numbers is 1060.