



Polytechnic University of the Philippines
College of Engineering
Computer Engineering Department



CMPE 40062

Computer Engineering Technology 5

PHP LABORATORY ACTIVITIES

Submitted by:

**Buenaventura, Celine Joie V.
BSCPE 3-1**

Submitted to:

Prof. Julian Lorico

March 2, 2020

Output (Screenshot)

Laboratory Activity No.1
Hello World
Celine Joie V. Buenaventura
B38 L64 Southfairway Homes Landayan, San Pedro, Laguna
buenaventuraceline277@gmail.com
09392948571
None

🖥️ Lab 1 - Hello World

🖥️ Lab 2 -Creating Basic PHP Script

🖥️ Lab 3 - Working with Data Types and Operators

🖥️ Lab 4 - Function and Control Structures - Number to Words

🖥️ Lab 5 - Functions and Control Structures – Magic Square

🖥️ Lab 6 - String Function in PHP

🖥️ Lab 7 - Regular Expression

🖥️ Lab 8 - Array Manipulations – Word Counter

🖥️ Lab 9 - Handling User Input – User Registration

🖥️ Lab 10 - Handling User Input – Dynamic Page

Hello World! Today is 03/01/2021

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Laboratory Activity No.2
Creating PHP Script
Celine Joie V. Buenaventura
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🖥️ Lab 10 - Handling User Input – Dynamic Page

My Academic Information	
School	Polytechnic University of the Philippines
Course	Bachelor of Science in Computer Engineering
Year Level	3rd Year
Date of Birth	October 5, 2000
Sex	Female

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Laboratory Activity No.3
Working with Data Types and Operators
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1a. \$myinteger	int(10)
1b. \$myfloat	float(10.57)
1c. \$mystring	string(9) "10 apples"
1d. \$myboolean	bool(true)
1e. \$mynull	NULL
1f. \$myarray	array(3) { [0]=> int(1) [1]=> int(2) [2]=> int(3) }

2a. \$myinteger + 10	int(20)
2b. \$myinteger - 5	int(5)
2c. \$myinteger * 2	int(20)
2d. \$myinteger / 3	float(3.3333333333333)
2e. \$myboolean + 1	int(2)
2f. \$mystring * 2	Notice: A non well formed numeric value encountered in C:\xampp\htdocs\Buenaventura\lab3.php on line 73 int(20)

3a. \$myinteger & 8	int(8)
3b. \$myinteger 8	int(10)
3c. \$myinteger << 1	int(20)

Laboratory Activity No.4
Working with Data Types and Operators
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Number to Words	
Enter a number (1-999)	<input type="text"/> <input type="button" value="Convert to words"/>
121 in words is One Hundred Twenty One	

Laboratory Activity No. 5
Functions and Control Structures – Magic Square
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Magic Square

Enter an odd number

6 1 8
7 5 3
2 9 4

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






Laboratory Activity No.6
String Function in PHP
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String Functions in PHP








- | | |
|--|-----------------------------------|
| 1. Original Value of \$string | * String* |
| 2. Number of characters | *7* |
| 3. Number of words | *1* |
| 4. First character to uppercase | * String* |
| 5. First character of each word to uppercase | * String* |
| 6. To lowercase | * string* |
| 7. To uppercase | * STRING* |
| 8. Without leading spaces | *String* |
| 9. Without trailing spaces | * String* |
| 10. Without leading and trailing spaces | *String* |
| 11. MD5 value of \$string | *eff6cc69b5aa2c2ed09120748e4ddb6* |
| 12. Base64 value of \$string | *IFN0cmVuZw==* |

Laboratory Activity No. 7
Regular Expression
Celine Joie V. Buenaventura
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None

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Regular Expression Test				
No.	Description	String	RegExPattern	Result
1.	String containing "PHP"	PHP	/PHP/	Valid
2.	Starting with "PHP"	PHP lab	^PHP/	Valid
3.	Ends with "PHP"	lab PHP	/PHPS/	Valid
4.	String equal to "PHP"	not PHP	^PHPS/	Invalid
5.	Word starting with letter "C"	Celine	^C/	Valid
6.	Non-empty lowercase string	computer	^[^A-Z]+\$	Valid
7.	Non-empty uppercase string	engineering	^[^a-z]+\$	Invalid
8.	Minimum 10 letters Maximum 20 letters	BSCPE 3-1	^[a-zA-Z]{10,20}\$	Invalid
9.	Minimum 10 digits Maximum 20 digits	BSCPE 3-1	^[0-9]{10,20}\$	Invalid
10.	Minimum 10 characters Maximum 20 characters	BSCPE 3-1	^s*(?:s*s*){10,20}\$	Invalid
11.	Valid PHP variable name	\$variable	[\$]	Valid
12.	Valid PHP constant name	constant	^[a-zA-Z_]{76}([a-zA-Z0-9_]{76})*	Valid

Laboratory Activity No. 8
Array Manipulations – Word Counter
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Enter text:
word counter

Process Reset

Array Manipulation - Word Counter			
No.	Word	Frequency	Percent
1.	counter	1	50.00%
2.	word	1	50.00%

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Lab 9 - Form Processing (User Registration)

Last Name

First Name

Middle Name

Email Address

Username

Password

Confirm Password

Comments

Agree ☐

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Laboratory Activity No. 10
Handling User Input – Dynamic Page
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