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# **Roll No: 210451**

Practical No: 5

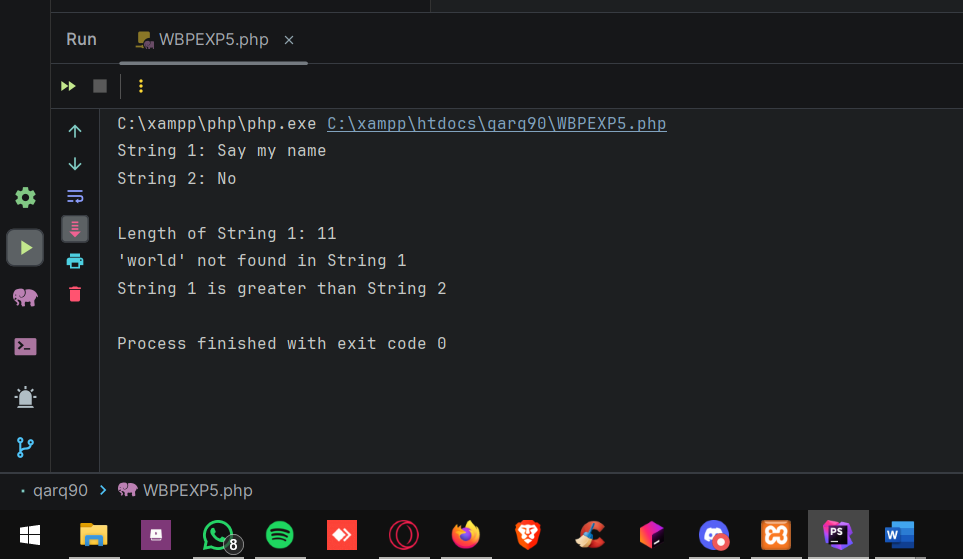
**1) Write a Program to Count the length of a String, to find the**

**position of String and to compare two Strings.**

**CODE:**

<?php  
  
function string\_operations($string1, $string2)  
{  
 $length\_of\_string1 = strlen($string1);  
 echo "Length of String 1: $length\_of\_string1\n";  
  
 $position\_of\_word = strpos($string1, 'world');  
 if ($position\_of\_word !== false)  
 {  
 echo "Position of 'world' in String 1: $position\_of\_word\n";  
 }  
 else  
 {  
 echo "'world' not found in String 1\n";  
 }  
  
 $comparison\_result = strcmp($string1, $string2);  
 if ($comparison\_result == 0)  
 {  
 echo "String 1 and String 2 are equal\n";  
 }  
 elseif ($comparison\_result < 0)  
 {  
 echo "String 1 is less than String 2\n";  
 }  
 else  
 {  
 echo "String 1 is greater than String 2\n";  
 }  
}  
$string1 = "Say my name";  
$string2 = "No";  
echo "String 1: " . $string1 . "\nString 2: " . $string2 . "\n\n";  
string\_operations($string1, $string2);

**OUTPUT:**

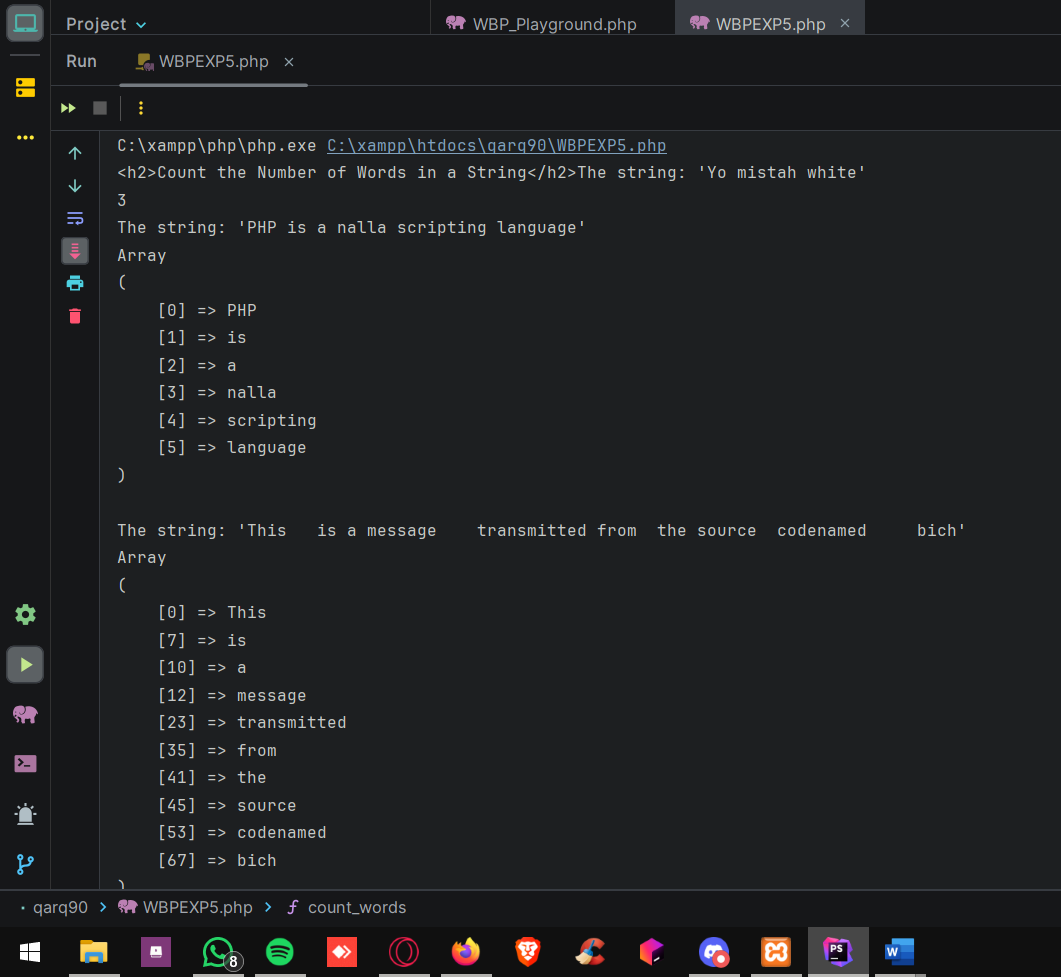


**2) Write a Program to Count the number of words in a String. (Execute for all return parameter values).**

**CODE:**

<?php  
echo "<h2>Count the Number of Words in a String</h2>";  
  
function count\_words($input\_string, $return)  
{  
 $word\_count = str\_word\_count($input\_string, $return);  
  
 echo "The string: '$input\_string'\n";  
 print\_r($word\_count);  
 echo "\n";  
}  
$string1 = "Yo mistah white";  
$string2 = "PHP is a nalla scripting language";  
$string3 = "This is a message transmitted from the source codenamed bich";  
  
count\_words($string1, 0);  
count\_words($string2, 1);  
count\_words($string3, 2);  
?>

**OUTPUT:**

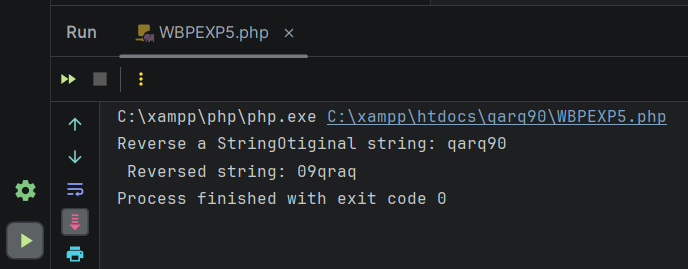
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**3) Write a Program to reverse a string**

**CODE:**

<?php  
echo "Reverse a String";  
$test\_string = "qarq90";  
$reversed\_string = strrev($test\_string);  
echo "Otiginal string: " . $test\_string . "\n Reversed string: " . $reversed\_string;  
?>

**OUTPUT:**

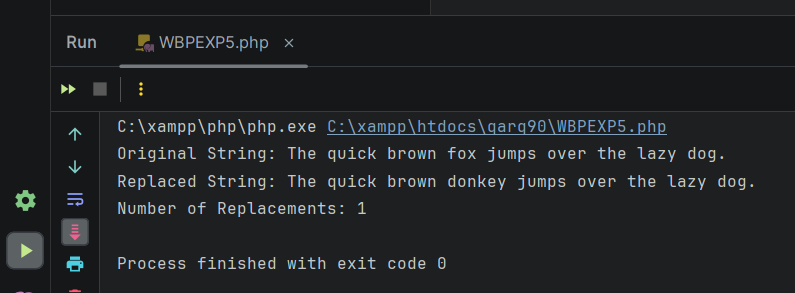


**4) Write a Program to Replace a String with the other String. Also count the number of replacements.**

**CODE:**

<?php  
  
$original\_string = "The quick brown fox jumps over the lazy dog.";  
$search\_string = "fox";  
$replace\_string = "donkey";  
  
$replaced\_string = str\_replace($search\_string, $replace\_string, $original\_string, $count);  
  
echo "Original String: $original\_string \n";  
echo "Replaced String: $replaced\_string \n";  
echo "Number of Replacements: $count \n";  
?>

**OUTPUT:**

****

**5) Write a Program to convert the String to Uppercase, Lowercase, capitalize the first character of a string.**

**CODE:**

<?php  
$test\_string = "Death is an old friend";  
echo "Original string: " . $test\_string . " \n";  
$to\_lower = strtolower($test\_string);  
echo "String converted to lowercase: " . $to\_lower . " \n";  
$to\_upper = strtoupper($to\_lower);  
echo "String converted to UPPERCASE: " . $to\_upper . " \n";  
$first\_character\_capitalized = ucwords($test\_string);  
echo "String where the first word has been capitalized: " . $first\_character\_capitalized;  
?>

**OUTPUT:**

