**Task#: 8**

**Course**: Web Development

**Topics**: PHP Arrays & String Functions

**Level**: Basic

Attach is the PHP Script which has 2 functions, below are the names of functions:

1. **performArrayFunctions ($arr)**
2. **performStringFunctions ()**

**performArrayFunctions ($arr)** This function takes an array as parameter, You are hereby to use PHP build in function to find the following information

* Number of items in an array
* Find Maximum element in an array
* Find minimum element in an array
* Sort elements in ascending order
* Sort elements in descending order
* Find sum on an array
* Convert all array elements into string and concatenate with \*

**Sample input:**

$num = [1,23,43,54,51,65,73,82,91,100];

**Sample Output:**

Total Items in array : 10  
Maximum element in array : 100  
Minimum element in array: 1  
Sorted Array ( Ascending Order )  
Sorted Array ( Descending Order )  
Sum Of Array :   
String : 1 \* 23 \* 43 \* 54 \* 51 \* 65 \* 73 \* 82 \* 91 \* 100

**performStringFunctions ()** Given a function a string is passed. You are hereby to perform the following operations on String

* Extract Sub string “jumped over the lazy dog”
* Find string length
* Convert string to all Uppercase
* Convert string to all lowercase
* Convert First Letter Uppercase of sentence
* Convert first letter uppercase of all words
* Replace String “jumped over the lazy dog” with “jumped over the lazy cat”

**Sample Input:**

$str = “The quick brown fox jumped over the lazy dog”;

**Sample Output:**

Extracted String =   
String Length =  
Upper Case String =  
Lower Case String =   
First Letter Uppercase of Sentence =  
First Letter Uppercase of each word =   
Replaced String =

**Best of Luck**