

PRACTICAL – 4

Aim: Implement a Program on PHP string and it's inbuilt function.

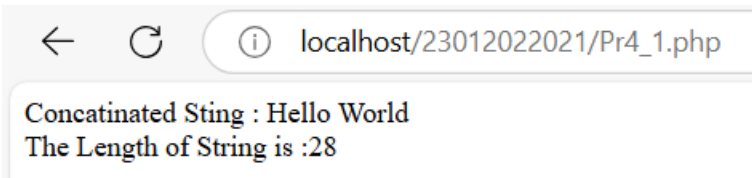
1. Program on String Variable

- a. to concatenate string variables b. to find the length of string

Code:

```
<?php
$a = "Hello";
$b = "World";
echo "Concatinated Sting : ".$a . " " . $b . "<br>";
$c= "Hello This is the first line";
echo "The Length of String is :",strlen($c);
?>
```

Output:

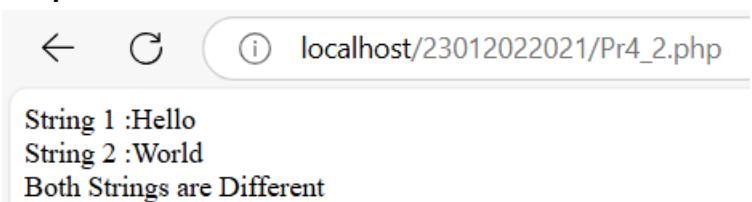


2. Compare two string whether they are same or not.

Code:

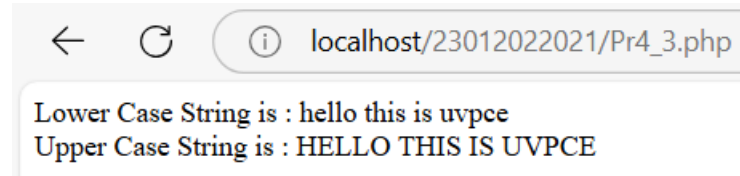
```
<?php
$a = "Hello";
$b = "World";
echo "String 1 :".$a."<br>";
echo "String 2 :".$b."<br>";
$compare = strcmp($a,$b);
if($compare==0)
{
    echo "Both Strings are Same";
}
else
{
    echo "Both Strings are Different";
}
?>
```

Output:

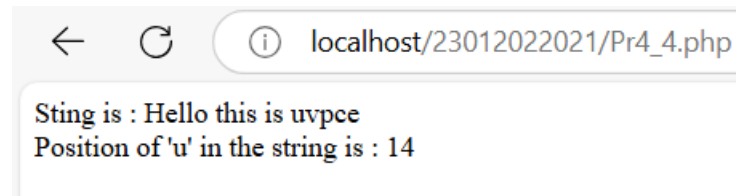


3. Convert the string into lower case string and uppercase string.**Code:**

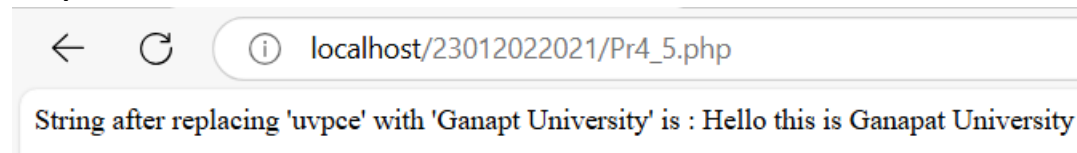
```
<?php
    $a = "Hello this is uvpce";
    echo "Lower Case String is : ",strtolower($a),"<br>";
    echo "Upper Case String is : ",strtoupper($a);
?>
```

Output:**4. find a position of a given character into string.****Code:**

```
<?php
    $a = "Hello this is uvpce";
    echo "Sting is : ",$a,"<br>";
    echo "Position of 'u' in the string is : ",strpos($a,"u");
?>
```

Output:**5. replace one string using another string.****Code:**

```
<?php
    $a = "Hello this is uvpce";
    echo "String after replacing 'uvpce' with 'Ganapt University' is : 
",str_replace("uvpce","Ganapat University",$a);
?>
```

Output:

6. Create PHP Function vowelCount which accepts a string as a parameter and return the number of vowel in the string.

Code:

```
<?php
function vowelCount2($a){
    $count = 0;
    $vowels = ['a', 'e', 'i', 'o', 'u', 'A', 'E', 'I', 'O', 'U'];
    $arr = str_split($a);
    foreach($arr as $char){
        if(in_array($char, $vowels)){
            $count++;
        }
    }
    return $count;
}
$a = "Hello this is Ganpat University";
echo "String is : ", $a, "<br>";
echo "Number of Vowels in the string is : ", vowelCount2($a);
?>
```

Output:



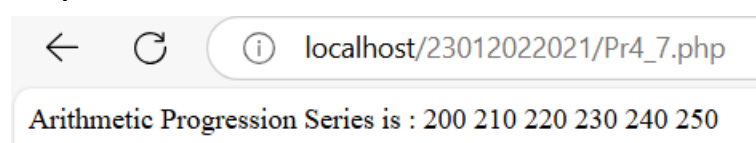
String is : Hello this is Ganpat University
Number of Vowels in the string is : 10

7. Print an arithmetic Progression series input \$a=200 \$b=250 and \$d=10.

Code:

```
<?php
$a = 200;
$b = 250;
$d = 10;
echo "Arithmetic Progression Series is : ";
for($i=$a;$i<=$b;$i=$i+$d)
{
    echo $i, " ";
}
?>
```

Output:



Arithmetic Progression Series is : 200 210 220 230 240 250