

Tutorial-7

NAMAN GUPTA

20103029

PHP

Q1) Write a PHP script to display the following strings.

'Tomorrow I \\'ll learn PHP global variables.'

'This is a bad command : del c:*.*'

```
<?php
echo "Tomorrow I \\'ll learn PHP global variables."."\\n";
echo "This is a bad command : del c:\\*.\\*"."\\n";
?>
```

Q2) Write a Program to display count, from 5 to 15 using PHP.

```
<?php
$count = 5;
while($count <= 15)
{
    echo $count;
    echo "<br>" ;
    $count++;
}
?>
```

Q3) Create a simple form that will collect data from user, such as user name, email and message text using PHP.

```
<!DOCTYPE html>
<html>
<head>
```

```

<title></title>

<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">

</head>

<body>

<form method='POST'>

<h2>Please input your name:</h2>

<input type="text" name="name">

<input type="submit" value="Submit Name">

</form>

<?php

$name = $_POST['name'];

echo "<h3> Hello $name </h3>";

?>

</body>

</html>

```

Q4) Write a PHP Library file which has methods for sorting strings using bubble sort. Design Sorting service page where it asks user to select sorting technique and Ask user to enter strings to be sorted. When user clicks on sort button it should display results in text area which displays input strings and proper output strings in sorted area.

```

<?php
function bubble_Sort($array )
{
    do
    {
        $swapped = false;
        for( $i = 0, $c = count( $array ) - 1; $i < $c; $i++ )
        {
            if( $array[$i] > $array[$i + 1] )
            {
                list( $array[$i + 1], $array[$i] ) =
                    array( $array[$i], $array[$i + 1] );
                $swapped = true;
            }
        }
    }
    while( $swapped );
}

```

```

return $array;
}
$test = array(55,4,8,10,18,-5,-100);
echo "Original Array : \n";
echo implode(' ', $test);
echo "\nSorted Array \n";
echo implode(' ', bubble_Sort($test));
?>

```

Q5) Write a PHP program which reads a text (only alphabetical characters and spaces.) and prints two words. The first one is the word which arises most frequently in the text. The second one is the word which has the maximum number of letters.

Note: A word is a sequence of letters which is separated by the spaces.

Input:

A text is given in a line with following condition:

- The number of letters in the text is less than or equal to 1000.
- The number of letters in a word is less than or equal to 32.
- There is only one word which arises most frequently in given text.
- There is only one word which has the maximum number of letters in given text.

Sample Input: Thank you for your comment and your participation.

Sample Output: your participation.

Q6) Create a database testdb in Mysql from PHP and then create a table student (emp_id, emp_Name, emp_address, emp_salary, joining date) and perform following operations:

- Insert the records.
- Delete records.
- Perform update operation.

```

<?php
$servername = 'localhost';
$dbuser = 'root';
$dbpass = '';
$conn = mysqli_connect($servername, $dbuser, $dbpass);

if(! $conn ) {
    die('Could not connect: ' . mysqli_connect_error());
}

echo 'Connected successfully';

$sql = 'CREATE Database naman';
$retval = mysqli_query( $conn , $sql);

if(! $retval ) {
    die('Could not create database: ' . mysqli_connect_error());
}

```

```
}

echo "Database test_db created successfully\n";
mysqli_close($conn);

//create tables

?>
```

TABLES

```
<?php
$servername = 'localhost';
$dbuser = 'root';
$dbpass = '';
$database='testdb';
$conn = mysqli_connect($servername, $dbuser, $dbpass,$database);

if(! $conn ) {
    die('Could not connect: ' . mysqli_connect_error());
}
else{
    echo 'Connected successfully';
}

//create tables
$sql="CREATE TABLE `student`(`empid` INT(50),`emp_Name`
VARCHAR(50),`emp_address` varchar(100),`emp_salary` INT(15),
`joining_date` timestamp(14) NOT NULL,primary key ( emp_id ));";

$result=mysqli_query($conn,$sql);
if($result){
    echo"the table was created succesfully";
}
else{
    echo "table not created successfully";
}

?>
```

DATA INSERTION

```
<?php
$servername = 'localhost';
$dbuser = 'root';
$dbpass = '';
$database='testdb';
$conn = mysqli_connect($servername, $dbuser, $dbpass,$database);

if(! $conn ) {
    die('Could not connect: ' . mysqli_connect_error());
}
else{
    echo 'Connected successfully';
}

// creating records
$sql="INSERT INTO student VALUES(12012,`NAMAN`,`PILKHUWA`) ";
$result=mysqli_query($conn,$sql);
if($result){
    echo"data inserted";
}
else{
    echo "UNSUCCESSFULL";
}
?>
```