School Of Computer Science and Engineering

EXAMPLES
(Winter Sem 2021-2022)

Course Code: CSE4004 **Course Title: WEB TECHNOLOGY**

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1.Create a webpage using PHP that consists of four textboxes with labels "number1," "number2," "Name," and "address." The webpage should consist of submit and reset buttons. The form should be directed to a php file to

1. Display the sum of digits of number1.

2. Display the number2 in reverse order.

3. Converts the name into upper case and also displays it as a heading of the page.

4. Display the length of the address on the webpage.

Code:

```
<!DOCTYPE html>
<html lang="en-US">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title><?php
$page_title=$_POST["name1"];
echo $page_title;?></title>
</head>
```

```html
<body>
<div class="container">
<h1>FORM</h1>
<form method="post">
<div class="form-group">
<label for="number1">Number1 :</label>
<input type="text" class="form-control" name="number1" >
</div>
<div class="form-group">
<label for="number2">Number2 :</label>
<input type="text" class="form-control" name="number2" >
</div>
<div class="form-group">
<label for="name1">Name :</label>
<input type="text" class="form-control" name="name1" >
</div>
<div class="form-group">
<label for="address">Address :</label>
<input type="text" class="form-control" name="address" >
</div>
<div class="form-group">
<button type="submit" class="btn btn-success" value="new tab">Submit</button>
<input type="reset" value="Reset">
</div>
</form>
</div>
</div>
```

```php
</body>
</html>
<?php
if($_POST!=null)
{
$h= (int)$_POST["number1"];
$sum=0; $rem=0;
for ($i =0; $i<=strlen($h);$i++)
{
$rem=$h%10;
$sum = $sum + $rem;
$h=$h/10;
}
echo "Sum of digits $sum";
echo "<br>" ;
}
?>
<?php
$num =$_POST["number2"];
$num1=$_POST["number2"];
$revnum = 0;
while ($num > 1)
{
$rem = $num % 10;
$revnum = ($revnum * 10) + $rem;
$num = ($num / 10);
}
echo "Reverse number of $num1 is: $revnum";
```

```php
echo "<br>";
?>
<?php
$str = "";
$resStr = strtoupper($str);
print_r($resStr);
?>
<?php
$add =$_POST["address"];
echo "Length of Address{ $add }is: " ;
echo strlen($add);
?>
```

Output:

FORM

Number1 : `125487`
Number2 : `23698`
Name : `jaswanth`
Address : `punganur`
Submit Reset

FORM

Number1 :
Number2 :
Name :
Address :
Submit Reset
Sum of digits 27
Reverse number of 23698 is: 89632
Length of Address{ punganur }is: 8

QUESTION-2

Create a PHP form that calculates BMI – Body Mass Index of a person by giving input through the form and print the status of BMI category as a response in the next page as below.

BMI category is

Below 18.5 Underweight

18.5–24.9 Healthy

25–29.9 Overweight

30 and above Obese

and the formulae is [weight (kg) / [height (cm)] 2] x 10,000

Formula: weight (lb) / [height (in)]2 x 703

CODE:

LAB.HTML

```html
<html><form name="bmi" method="GET" action="lab.php">
  Mass in kilogram (kg):
  <input type="text" name="mass" id="mass" size="15">
  <br>

  Height in meter (m):
  <input type="text" name="height" id="height" size="15">
  <br>

  <input type="submit" name="submit" id="submit" value="submit">
</form></html>
```

LAB.PHP

```php
<?php
if ($_GET['submit']) {
    $mass = $_GET['mass'];
    $height = $_GET['height'];

    function bmi($mass,$height) {
        $bmi = $mass/($height*$height);
        return $bmi;
    }
     $bmi = bmi($mass,$height);
    if ($bmi <= 18.5) {
        $output = "UNDERWEIGHT";

    } else if ($bmi > 18.5 AND $bmi<=24.9 ) {
        $output = "HEATHY";

    } else if ($bmi > 24.9 AND $bmi<=29.9) {
        $output = "OVERWEIGHT";

    } else if ($bmi > 30.0) {
        $output = "OBESE";
    }
}
echo "Your BMI value is  " . bmi($mass,$height). "  and you are : ";
echo "$output";
?>
```

OUTPUT:

Mass in kilogram (kg): 90

Height in meter (m): 1.79

submit

Your BMI value is 28.089010954714 and you are : OVERWEIGHT