Assignment-1

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# **Task 1: Personal Information Page**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 1: Personal Information Page</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u><h2>Personal Information</h2></u>

</div>

</div>

</div>

</div>

</div>

<div class="container-fluid">

<div class="row align-items-center">

<div class="col-md-4"></div>

<div class="col-md-3">

<?php

$name="Kazi Sala Uddin";

$age=37;

$country="Bangladesh";

printf("Name: %s <br> Age: %d <br> Country: %s",$name,$age,$country);

?>

</div>

<div class="col-md-1 text-center">

<img width="90px" class="img-circle" src="../../resources/img/kazi.jpg">

</div>

<div class="col-md-4"></div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-3"></div>

<div class="col-md-6">

<div class="text-left">

<h5>About Me:</h5>

<p class="text-justify">

I'm glad to introduce me to you. This is <b>Kazi Sala Uddin</b> from <b>Chittagong</b>.I'm a freelance professional. My expertise in Digital Marketing, PHP Programming & Linux Server Administration. I have completed my graduation & post-graduation from university of Chittagong in English Language and Literature.

</p>

</div>

</div>

<div class="col-md-3"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 2: Temperature Converter**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 2: Temperature Converter</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u><h2>Temperature Converter</h2></u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-4"></div>

<div class="col-md-4">

<div class="text-left">

<form method="post" action="">

<label for="CelsiusorFahrenheit"><h5>Celsius or Fahrenheit:</h5> </label>

<input class="form-control form-control-lg" type="number" name="num1" placeholder="Enter value in Celsius or Fahrenheit " required><br>

<label for="convertTo"><h5>Convert to:</h5> </label>

<select class="form-control form-control-lg" name="operation">

<option selected value="">Select option to convert</option>

<option value="celsius">Celsius</option>

<option value="fahrenheit">Fahrenheit</option>

</select><br>

<button type="submit" class="btn btn-primary">Get Result</button>

</form>

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

echo " <div id=\"result\">";

$num1 = $\_POST["num1"];

$operation = $\_POST["operation"];

switch ($operation) {

case "celsius":

$result = (($num1-32)\*5)/9 ; *// Fahrenheit to Celsius*

echo "<h5>Temperature: $num1 °F equal to $result °C</h5>";

break;

case "fahrenheit":

$result = (($num1\*9)/5)+32 ; *// Celsius to Fahrenheit*

echo "<h5>Temperature: $num1 °C equal to $result °F</h5>";

break;

}

echo " </div>";

}

?>

</div>

</div>

<div class="col-md-4"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 3: Grade Calculator**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 3: Grade Calculator</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u>

<h2>Grade Calculator</h2>

</u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-3"></div>

<div class="col-md-6">

<form method="post" action="">

<div class="row">

<div class="col text-center">

<label for="bengali">

<h5>Bengali</h5>

</label>

<hr>

<input type="number" name="bengali" class="form-control" placeholder="Enter mark">

</div>

<div class="col text-center">

<label for="english">

<h5>English</h5>

</label>

<hr>

<input type="number" name="english" class="form-control" placeholder="Enter mark">

</div>

<div class="col text-center">

<label for="math">

<h5>Math</h5>

</label>

<hr>

<input type="number" name="math" class="form-control" placeholder="Enter mark">

</div>

</div>

<div class="text-center submit" id="">

<button type="submit" class="btn btn-primary">Get Result</button>

</div>

</form>

</div>

<div class="col-md-3"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && !empty($\_POST['bengali'])) {

echo " <div id=\"result\">";

$total=0;

$totalPoint=0;

$letterGrade=array();

$gradePoint=array();

foreach ($\_POST as $key => $value) {

*//echo "$key=$value";*

if($value>=80){

$letterGrade[$key] = "A";

$gradePoint[$key] = 4;

$totalPoint=$totalPoint+4;

}

else if($value>=70 && $value <80){

$letterGrade[$key] = "B";

$gradePoint[$key] =3.5;

$totalPoint=$totalPoint+3.5;

}

else if($value>=60 && $value <70){

$letterGrade[$key] = "C";

$gradePoint[$key] = 3;

$totalPoint=$totalPoint+3;

}

else if($value>=50 && $value <60){

$letterGrade[$key] = "D";

$gradePoint[$key] = 2;

$totalPoint=$totalPoint+2;

}

else {

$letterGrade[$key] = "F";

$gradePoint[$key] = 0;

$totalPoint=$totalPoint+0;

}

$total=$total+$value;

}

$average=number\_format((float)$total/3, 2, '.', '');

$gpa=number\_format((float)$totalPoint/3, 2, '.', '');

$gradeSheet = <<<GRADESHEET

<div class="table-responsive">

<table class="table table-striped table-bordered" width="100%">

<tbody>

<tr>

<td>Roll No</td>

<td>OSTAD-1256</td>

<td>Registration No</td>

<td> [N/A] </td>

</tr>

<tr>

<td>Name of Student</td>

<td colspan="3">KAZI SALA UDDIN</td>

</tr>

<tr>

<td>Course:</td>

<td colspan="3"> Web Development with PHP & Laravel</td>

</tr>

<tr>

<td>Result</td>

<td>GPA = $gpa </td>

<td>Average</td>

<td>$average</td>

</tr>

<tr>

<td>Total Marks</td>

<td colspan="3"><span id="i\_name">$total</span></td>

</tr>

</tbody>

</table>

<div class="alert alert-info text-center" id="err\_msg" style="display:none"></div>

<div class="text-center">

<h4>Subject-Wise Grade/Marks</h4>

</div>

<table class="table table-striped table-bordered" width="100%">

<thead class="btn-success">

<tr>

<th>Subject Code</th>

<th>Subject Name</th>

<th>Marks</th>

<th>Letter Grade</th>

<th>Grade Point</th>

</tr>

</thead>

<tbody>

<tr>

<td class="cent-align">101</td>

<td><span class="code\_101">BANGLA</span></td>

<td class="text-center"> $\_POST[bengali] </td>

<td class="text-center"> $letterGrade[bengali] </td>

<td class="text-center"> $gradePoint[bengali] </td>

</tr>

<tr>

<td class="cent-align">102</td>

<td><span class="code\_102">ENGLISH</span></td>

<td class="text-center"> $\_POST[english] </td>

<td class="text-center"> $letterGrade[english] </td>

<td class="text-center"> $gradePoint[english] </td>

</tr>

<tr>

<td class="cent-align">103</td>

<td><span class="code\_103">MATHEMATICS</span></td>

<td class="text-center"> $\_POST[math] </td>

<td class="text-center"> $letterGrade[math] </td>

<td class="text-center"> $gradePoint[math] </td>

</tr>

</tbody>

</table>

<div class="divpadding"></div>

</div>

GRADESHEET;

echo $gradeSheet;

echo " </div>";

} ?>

</div>

<div class="col-md-3"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 4: Even or Odd Checker**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 4: Even or Odd Checker</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u><h2>Even or Odd Checker</h2></u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-4"></div>

<div class="col-md-4">

<div class="text-left">

<form method="post" action="">

<label for="CelsiusorFahrenheit"><h5>Enter Number:</h5> </label>

<input class="form-control form-control-lg" type="number" name="num1" placeholder="Enter a nmuber" required><br>

<br>

<button type="submit" class="btn btn-primary">Get Result</button>

</form>

</div>

</div>

<div class="col-md-4"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4 text-center">

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && !empty($\_POST["num1"])) {

echo " <div id=\"result\">";

$num1 = $\_POST["num1"];

if($num1!=0){

echo ($num1 % 2 ? "You have entered $num1. It's Odd." : "You have entered $num1. It's Even. ");

} else{

echo "You have entered 0 ! Please enter number again.";

}

echo " </div>";

} ?>

</div>

<div class="col-md-4"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 5: Weather Report**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 5: Weather Report</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u><h2>Weather Report</h2></u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-4"></div>

<div class="col-md-4">

<div class="text-left">

<form method="post" action="">

<label for="CelsiusorFahrenheit"><h5>Enter Temperature Value in °C:</h5> </label>

<input class="form-control form-control-lg" type="number" name="num1" placeholder="Enter a nmuber" required><br>

<br>

<button type="submit" class="btn btn-primary">Get Result</button>

</form>

</div>

</div>

<div class="col-md-4"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-4"></div>

<div class="col-md-4 text-center">

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

echo " <div id=\"result\">";

$temperature = $\_POST["num1"];

if($temperature==0 || $temperature<=4){

echo "$temperature °C ! It's freezing !!";

}

if($temperature>4 && $temperature<=21){

echo "$temperature °C ! It's cool !!";

}

if($temperature>21){

echo "$temperature °C ! It's warm !!";

}

echo " </div>";

} ?>

</div>

<div class="col-md-4"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 6: Comparison Tool**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 6: Comparison Tool</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u>

<h2>Comparison Tool</h2>

</u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-3"></div>

<div class="col-md-6">

<form method="post" action="">

<div class="row">

<div class="col text-center">

<label for="number1">

<h5>First Number</h5>

</label>

<hr>

<input type="number" name="number1" class="form-control" placeholder="Enter First Number" required>

</div>

<div class="col text-center">

<label for="number2">

<h5>Second Number</h5>

</label>

<hr>

<input type="number" name="number2" class="form-control" placeholder="Enter Second Number" required>

</div>

</div>

<div class="text-center submit" id="">

<button type="submit" class="btn btn-primary">Compare the Numbers</button>

</div>

</form>

</div>

<div class="col-md-3"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST" && !empty($\_POST['number1'])) {

echo " <div id=\"result\">";

$reslt =($\_POST['number1'] == $\_POST['number2']) ? "Both numbers are equal" :( ($\_POST['number1'] > $\_POST['number2']) ? "First number: ".$\_POST['number1'] . " is larger than " . $\_POST['number2'] : "Second number ".$\_POST['number2']." is larger than first number: ". $\_POST['number1']);

echo $reslt;

echo " </div>";

} ?>

</div>

<div class="col-md-3"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# **Task 7: Simple Calculator**

<!doctype html>

<html lang="us">

<head>

<meta charset="utf-8">

<title>Task 7: Simple Calculator</title>

<link href="../../jquery-ui/jquery-ui.css" rel="stylesheet">

<link rel="stylesheet" href="../../vendor/twbs/bootstrap/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="../../resources/css/style.css">

</head>

<body>

<div class="top">

<div class="container">

<div class="row align-items-center">

<div class="col-md-12">

<div class="text-center">

<u><h2>Simple Calculator</h2></u>

</div>

</div>

</div>

</div>

</div>

<hr>

<div class="container">

<div class="row align-items-center">

<div class="col-md-4"></div>

<div class="col-md-4">

<div class="text-left">

<form method="post" action="">

<input class="form-control form-control-lg" type="number" name="num1" placeholder="Enter first number" required><br>

<input class="form-control form-control-lg" type="number" name="num2" placeholder="Enter second number" required><br>

<select class="form-control form-control-lg" name="operation">

<option value="add">Addition</option>

<option value="subtract">Subtraction</option>

<option value="multiply">Multiplication</option>

<option value="divide">Division</option>

</select><br>

<div class="text-center submit" id="">

<button type="submit" class="btn btn-primary">Calculate</button>

</div>

</form>

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

echo " <div id=\"result\">";

$num1 = $\_POST["num1"];

$num2 = $\_POST["num2"];

$operation = $\_POST["operation"];

switch ($operation) {

case "add":

$result = $num1 + $num2;

echo "Result: $result";

break;

case "subtract":

$result = $num1 - $num2;

echo "Result: $result";

break;

case "multiply":

$result = $num1 \* $num2;

echo "Result: $result";

break;

case "divide":

if ($num2 != 0) {

$result = $num1 / $num2;

echo "Result: $result";

} else {

echo "Cannot divide by zero.";

}

break;

case "binary":

echo "Binary: " . decbin($num1);

break;

case "octal":

echo "Octal: " . decoct($num1);

break;

case "hexadecimal":

echo "Hexadecimal: " . dechex($num1);

break;

}

echo " </div>";

}

?>

</div>

</div>

<div class="col-md-4"></div>

</div>

</div>

<footer id="footer">

<div class="container footer">

<div class="row">

<div class="col-md-12 text-center">

<a href="../../index.php">Home</a>

</div>

</div>

</div>

</footer>

<script src="../../jquery-ui/external/jquery/jquery.js"></script>

<script src="../../jquery-ui/jquery-ui.js"></script>

</body>

</html>

# Git URL for Assignment:

https://github.com/amisalabir/ostad-wdpl.git