

580018 - Software Design Lab: Monday/10:30-1:30**Creating an HTML Form**

Write a PHP code and run the program using web browser. The user to input two integers to produce the ff. operation:

- The user requires to **input two values** (X and Y) to compute for the basic mathematical operation. Don't forget to include text message.
- Use Multiple checkboxes to display the ff. operations: Multiply, Divide, Add, Average and Subtract of two value.
- Display the result of all mathematical operations in "textarea"

Upload your source code and sample display below:

Source Code:

```
1 <html>
2 <head>
3   <title>Timbungco_Prelim Exam</title>
4 </head>
5
6 <body><center>
7   <h1>
8     ARITHMETIC OPERATIONS
9   </h1>
10
11   <h3>Addition</h3>
12   <h3>Subtraction</h3>
13   <h3>Multiplication</h3>
14   <h3>Division</h3>
15   <h3>Average</h3>
16
17   <form method="post">
18
19     Enter value for X : <input type="text" name="num1" value=""><br><br>
20     Enter value for Y : <input type="text" name="num2" value=""><br><br>
21
22     <b> List of Operations</b><br><br>
23     <input type="checkbox" name = "Sum" value = ""> Addition<br>
24     <input type="checkbox" name = "Subtract" value = ""> Subtraction<br>
25     <input type="checkbox" name = "Product" value = ""> Multiplication<br>
26     <input type="checkbox" name = "Quotient" value = ""> Division<br>
27     <input type="checkbox" name = "Average" value = ""> Average<br>
28     <br>
29     <input type="submit" name="submit" value="Submit"/>
30   <br>
31 </form>
32 </center>
33
34 <?php
35
```

```

36     if(isset($_POST["submit"]))
37     {
38         $x = $_POST["num1"];
39         $y = $_POST["num2"];
40     }
41 }
42
43 <textarea rows="10" cols="25">
44
45 Addition : <?php if (isset($_POST["Sum"]))
46 {
47     echo (round($x + $y,2));
48 }?>
49
50 Subtraction : <?php if (isset($_POST["Subtract"]))
51 {
52     echo (round($x - $y,2));
53 }?>
54
55 Multiplication : <?php if (isset($_POST["Product"]))
56 {
57     echo (round($x * $y,2));
58 }?>
59
60 Division: <?php if (isset($_POST["Quotient"]))
61 {
62     echo (round($x / $y,2));
63 }?>
64
65 Average: <?php if (isset($_POST["Average"]))
66 {
67     echo (round(($x + $y)/2,));
68 }?>
69
70 </textarea>
71 </body>
72 </html>

```

Sample Displays:

ARITHMETIC OPERATIONS

Addition

Subtraction

Multiplication

Division

Average

Enter value for X :

Enter value for Y :

List of Operations

- ☐ Addition
- ☐ Subtraction
- ☐ Multiplication
- ☐ Division
- ☐ Average

```

Addition : 150
Subtraction :
Multiplication :
Division:
Average: 75

```

ARITHMETIC OPERATIONS

Addition

Subtraction

Multiplication

Division

Average

Enter value for X :

Enter value for Y :

List of Operations

- ☐ Addition
- ☐ Subtraction
- ☐ Multiplication
- ☐ Division
- ☐ Average

```
Addition : 2
Subtraction : 0
Multiplication : 1
Division: 1
Average: 1
```