





Welcome index.php

```
6  <!-- now we start head section -->
13  <style>
33      form {
43          /* now we are adding rounded corners to the form */
44          box-shadow: 0 0 10px rgba(0, 0, 0, 0.2);
45          /* here we added a shadow effect to the form */
46      }
47      input[type="text"] {
48          /* this do styling for text input fields */
49          margin-top: 110px;
50          /* here we set the top margin of the text input area */
51          padding: 10px;
52          /* here we are adding padding to the text input area */
53          margin-bottom: 30px;
54          /* now we are setting the bottom margin of the text input area */
55          width: 50%;
56          /* here we are setting the width of the text input area */
57          box-sizing: border-box;
58          /* here we include padding and border in the width */
59      }
60      label {
61          /* now we are styling for labels */
62          font-size: 20px;
63          /*this line sets the font size of the labels */
64          font-weight: bold;
65          /* we are making the font weight of the labels to bold */
66      }
67      input[type="submit"] {
68          /* this do styling for submit button */
69          width: 20%;
70          /* we made the width of the submit button */
71          margin-top: 10px;
72          /* we made the top margin to 10px */
73          margin-bottom: 20px;
74          /* we made the bottom margin of the submit button to 20px */
75          background-color: rgb(73, 128, 73);
76          /* we made setting the background color of the submit button to green */
77          padding-top: 5px;
78          /* we are adding padding to the top of the submit button */
79          padding-bottom: 5px;
80          /* we add padding to the bottom of the submit button */
81      }
82      input[tye="radio"] {
83          /* this do styling for radio buttons */
```

Ln 145, Col 66 Spaces: 4 UTF-8 LF PHP Go Live

← →

phpassignment02

EXPLORER

PHPASSIGNMENT02

index.php

Welcome

index.php

```
6  <!-- now we start head section -->
13  <style>
82  input[type="radio"] {
86      margin-bottom: 50px;
87      /* Setting the bottom margin of the radio buttons */
88  }
89  #result {
90      /* It is the style for the result label */
91      font-weight: bold;
92      /* we are setting the font weight of the result label to bold */
93      margin-top: 10px;
94      /* we are setting the top margin of the result label */
95  }
96  </style>
97  </head>
98  <body><!-- our HTML body starts from here -->
99  <form method="POST" action="<?php echo $_SERVER['PHP_SELF']; ?>">
100     <!-- we started form with method set to POST and action set to the current PHP script -->
101
102     <label for="numbers">Enter your NUMBERS separated by spaces:</label>
103     <!-- this is label saying users to enter numbers separated by spaces -->
104     <input type="text" name="numbers" id="numbers"><br><!-- this is input area for users to enter numbers -->
105     <input type="radio" name="operation" value="1" checked><!-- we add radio button for AutoSum operation -->
106     <label for="sum">AutoSum</label><br><!-- this is label for AutoSum operation -->
107     <input type="radio" name="operation" value="2"><!-- we add radio button for Average operation -->
108     <label for="average">Average</label><br><!-- this is label for Average operation -->
109     <input type="radio" name="operation" value="3"><!-- we add radio button for Max operation -->
110     <label for="max">Max</label><br><!-- this is label for Max operation -->
111     <input type="radio" name="operation" value="4"><!-- we add radio button for Min operation -->
112     <label for="min">Min</label><br><!-- this is label for Min operation -->
113     <input type="submit" name="calculate" value="Calculate"><br><!-- we add submit button to calculate the result -->
114     <label id="result">Result:</label><!-- Label for displaying the result -->
115
116
117
118     <?php
119
120     if ($_SERVER["REQUEST_METHOD"] == "POST") { // this line checks if POST request method used to submit the form
121
122         if (isset($_POST['calculate'])) { // it again checks if the "calculate" button was clicked
123             $numbersInput = $_POST['numbers']; // it takes the value entered into the input field named "numbers" from the submitted form data
124             $operation = $_POST['operation']; // it takes the value of the selected operation from the submitted form data
125             $numbersInput = trim($numbersInput); // we are trimming the input string to remove any leading or trailing spaces as hint given in the a
126             $numbersArray = explode(" ", $numbersInput);
```

OUTLINE

TIMELINE

Ln 145, Col 66 Spaces: 4 UTF-8 LF PHP Go Live

EXPLORE

PHYPASSIGNMENT02

index.php

index.php

119

120 if (\$_SERVER["REQUEST_METHOD"] == "POST") { // this line checks if POST request method used to submit the form

121

122 if (isset(\$_POST['calculate'])) { // it again checks if the "calculate" button was clicked

123 \$numbersInput = \$_POST['numbers']; // it takes the value entered into the input field named "numbers" from the submitted form data

124 \$operation = \$_POST['operation']; // it takes the value of the selected operation from the submitted form data

125 \$numbersInput = trim(\$numbersInput); // we are trimming the input string to remove any leading or trailing spaces as hint given in the assignment

126 \$numbersArray = explode(" ", \$numbersInput);

127 // we are splitting the input string into an array of numbers separated by spaces as hint given in the assignment.

128

129 \$numbersArray = array_filter(\$numbersArray, function(\$value) { // we are removing any non-numeric elements from the \$numbersArray

130 return is_numeric(\$value);

131 });

132 switch (\$operation) { // we are using switch according to the assignment

133 case 1: // this case 1 is for AutoSum operation

134 \$result = array_sum(\$numbersArray); // it calculates the sum of all the numeric values in the \$numbersArray

135 break;

136 case 2: // this case 2 is for Average operation

137 \$result = array_sum(\$numbersArray) / count(\$numbersArray); // it calculates the average of all the numeric values in the \$numbersArray

138 break;

139 case 3: // this case 3 is for Max operation

140 \$result = max(\$numbersArray); // it finds the maximum value among the numeric values in the \$numbersArray

141 break;

142 case 4: // this case 4 is for Min operation

143 \$result = min(\$numbersArray); // it finds the minimum value among the numeric values in the \$numbersArray

144 break;

145 default: // it is a default case when none of the specified cases match the value of \$operation

146 \$result = "Invalid operation";

147 break;

148

149

150 echo "\$result"; // echo outputs the result of the calculation inside a element to be displayed on the webpage

151 }

152 }

153 ?>

154 </form>

155 </body>

156 </html>

OUTLINE

TIMELINE

Ln 145, Col 66 Spaces: 4 UTF-8 LF PHP Go Live Pr

Georgian@ILAC - Home x PHP Assignment 2 x +

localhost/phpassignment02/index.php ☆

Enter your NUMBERS separated by spaces:

☒ AutoSum

☐ Average

☐ Max

☐ Min

Calculate

Result: 0