Lab Tasks

Task 1:

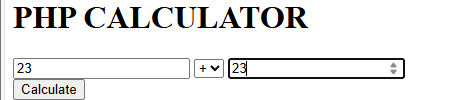
1. Create a PHP calculator that lets you enter two values and chose your operator then displays the answer.

Ans:

**Index.php:**

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| --- |
| <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Document</title>  </head>  <h1>PHP CALCULATOR </h1>  <body>  <form method="post">  <input type="number" name="num1" placeholder="Enter first number" required>  <select name="operator" required>  <option value="+">+</option>  <option value="-">-</option>  <option value="\*">\*</option>  <option value="/">/</option>  </select>  <input type="number" name="num2" placeholder="Enter second number" required>  </br> <input type="submit" name="calculate" value="Calculate"></br>  <?php  if (isset($\_POST['calculate'])) {  $num1 = $\_POST['num1'];  $num2 = $\_POST['num2'];  $operator = $\_POST['operator'];  $result = "";  switch ($operator) {  case '+':  $result = $num1 + $num2;  break;  case '-':  $result = $num1 - $num2;  break;  case '\*':  $result = $num1 \* $num2;  break;  case '/':  if ($num2 != 0) {  $result = $num1 / $num2;  } else {  $result = "Cannot divide by zero"; }  break;  default:  $result = "Invalid operator";  break;}  echo "<h3>Result: $result</h3>";}  ?>  </body>  </html> |

**OUTPUT:**

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Task 2:

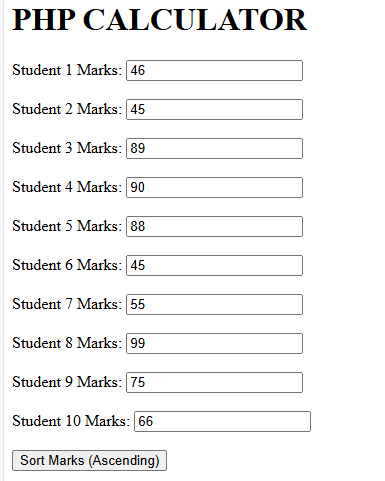
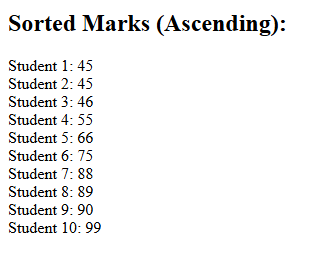
Create an array in PHP that take 10 student marks and display the marks in ascending order.

Ans:

Index.php

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>      <meta charset="UTF-8">      <meta name="viewport" content="width=device-width, initial-scale=1.0">      <title>PHP Sort Marks</title>  </head>  <body>      <h1>PHP CALCULATOR</h1>      <form method="post">          <?php          for ($i = 0; $i < 10; $i++) {              echo "Student " . ($i + 1) . " Marks: <input type='number' name='marks[]' required><br><br>";          }          ?>          <input type="submit" name="submit" value="Sort Marks (Ascending)">      </form>      <?php      if (isset($\_POST['submit'])) {          $marks = $\_POST['marks'];          sort($marks);          echo "<h2>Sorted Marks (Ascending):</h2>";          for ($i = 0; $i < count($marks); $i++) {              echo "Student " . ($i + 1) . ": " . $marks[$i] . "<br>";          }      }      ?>  </body>  </html> |

**Output:**

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