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C: > xampp > htdocs > mdshahzad > practice.php

```
1  <?php
2  function isPrime($number) {
3      if ($number <= 1) {
4          return false;
5      }
6      if ($number <= 3) {
7          return true;
8      }
9      if ($number % 2 == 0 || $number % 3 == 0) {
10         return false;
11     }
12     for ($i = 5; $i * $i <= $number; $i += 6) {
13         if ($number % $i == 0 || $number % ($i + 2) == 0) {
14             return false;
15         }
16     }
17     return true;
18 }
19 echo "Prime Numbers: ";
20 for ($i = 2; $i <= 50; $i++) {
21     if (isPrime($i)) {
22         echo $i . " ";
23     }
24 }
25 echo "\nFibonacci Series: ";
26 $n = 10; // Number of Fibonacci numbers to generate
27 $a = 0;
28 $b = 1;
29 for ($i = 0; $i < $n; $i++) {
30     echo $a . " ";
31     $c = $a + $b;
32     $a = $b;
33     $b = $c;
34 }
35 ?>
```


C: > xampp > htdocs > mdshahzad > practice.php

```
1  <?php
2  function removeDuplicates($sortedList) {
3      $length = count($sortedList);
4      if ($length == 0) {
5          return $sortedList;
6      }
7      $result = array($sortedList[0]);
8      for ($i = 1; $i < $length; $i++) {
9          if ($sortedList[$i] != $sortedList[$i - 1]) {
10             $result[] = $sortedList[$i];
11         }
12     }
13     return $result;
14 }
15 // Sample sorted list with duplicates
16 $sortedList = array(1, 2, 2, 3, 4, 4, 4, 5, 6, 6, 7);
17 // Call the removeDuplicates function
18 $uniqueList = removeDuplicates($sortedList);
19 echo "Original Sorted List: " . implode(", ", $sortedList) . "\n";
20 echo "List with Duplicates Removed: " . implode(", ", $uniqueList) . "\n";
21 ?>
22
```

C: > xampp > htdocs > mdshahzad > practice.php

```
1  <?php
2  $rows = 5; // Number of rows in the pattern
3
4  for ($i = 1; $i <= $rows; $i++) {
5      for ($j = $rows; $j >= $i; $j--) {
6          echo "*";
7      }
8      echo "<br>";
9  }
10 ?>
11
```

C: > xampp > htdocs > mdshahzad > practice.php

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>College Name - Home</title>
5  <style>
6  body {
7  font-family: Arial, sans-serif;
8  }
9  header {
10 background-color: #007ACC;
11 color: #fff;
12 text-align: center;
13 padding: 20px;
14 }
15 h1 {
16 margin: 0;
17 }
18 nav {
19 background-color: #333;
20 color: #fff;
21 padding: 10px;
22 }
23 nav a {
24 color: #fff;
25 text-decoration: none;
26 margin-right: 20px;
27 }
28 .content {
29 padding: 20px;
30 }
31 footer {
32 background-color: #333;
33 color: #fff;
34 text-align: center;
35 padding: 10px;
36 }
37 </style>
38 </head>
39 <body>
40 <header>
41 <h1>SINDHI COLLEGE</h1>
42 <p><b>Knowledge is Power<b></p>
```


C: > xampp > htdocs > mdshahzad > practice.php

```
28     .content {
29     padding: 20px;
30     }
31     footer {
32     background-color: #333;
33     color: #fff;
34     text-align: center;
35     padding: 10px;
36     }
37 </style>
38 </head>
39 <body>
40 <header>
41 <h1>SINDHI COLLEGE</h1>
42 <p><b>Knowledge is Power<b></p>
43 </header>
44 <nav>
45 <a href="#">Home</a>
46 <a href="#">Programs</a>
47 <a href="#">Admissions</a>
48 <a href="#">About Us</a>
49 <a href="#">Contact Us</a>
50 </nav>
51 <div class="content">
52 <h2>Welcome to SINDHI COLLEGE </h2>
53 <p>
54 Welcome to Sindhi College , where we are committed to providing a
55 quality education and empowering the future.
56 </p>
57 </div>
58 <footer>
59 &copy; <?php echo date("Y"); ?> Sindhi College
60 </footer>
61 </body>
62 </html>
63
```

actions... ampp >htdocs > mdshahzad > practice.php

```
1  <?php
2  try {
3      // Division by zero
4      $numerator = 10;
5      $denominator = 2; // Change to 0 to test division by zero handling
6      if ($denominator === 0) {
7          throw new Exception("Division by zero error");
8      }
9      $result = $numerator / $denominator;
10     echo "Result of division: " . $result . "<br>";
11
12     // Checking date format
13     $dateString = '2023-12-25';
14     $dateFormat = 'Y-m-d';
15     $date = DateTime::createFromFormat($dateFormat, $dateString);
16     if (!$date || $date->format($dateFormat) !== $dateString) {
17         throw new Exception("Invalid date format");
18     }
19     echo "Date is valid: " . $dateString . "<br>";
20 } catch (Exception $e) {
21     echo "Error: " . $e->getMessage();
22 }
23 ?>
```

24

C: > xampp > htdocs > mdshahzad > practice.php

```
1  <?php
2  // Set a cookie named 'UserID' with value 'A1B234C' that expires in 24 hours
3  $cookie_name = "UserID";
4  $cookie_value = "A1B234C";
5  $expiration_time = time() + (24 * 3600); // 24 hours from now
6
7  // Setting the cookie
8  setcookie($cookie_name, $cookie_value, $expiration_time, "/");
9
10 // Display confirmation message
11 echo "Cookie '$cookie_name' is set.<br><br><br>";
12
13 // Retrieve the value of the cookie, if it exists
14 if (isset($_COOKIE[$cookie_name])) {
15     echo "Value of cookie '$cookie_name' is: " . $_COOKIE[$cookie_name];
16 } else {
17     echo "Cookie named '$cookie_name' is not set.";
18 }
19 ?>
20 |
```