

slip 1

```
<html>
<head>
<title>Slip 1</title>
<style>
  body {
    background-color: white;
  }
  table {
    background-color: turquoise;
  }
  h3 {
    font-size: 6pt;
    color: red;
  }
</style>
</head>
<body>
<center>
<h3>Project Management</h3>
<table border="3" height="400px" width="400px">
  <form name="fromlogin">
    <tr>
      <td>Enter Project Name:</td>
      <td>
        <input type="text" name="t1"
placeholder="projectname">
        <br><br>
      </td>
    </tr>
    <tr>
      <td>Assigned to:</td>
      <td>
        <select name="Names" id="nm"
form="fromlogin">
          <option value="ross">Ross Geller</option>
          <option value="chuck">Chuck
Bass</option>
          <option value="rachel">Rachel
Green</option>
          <option value="dan">Dan James</option>
        </select>
      </td>
    </tr>
    <tr>
      <td>Start Date:</td>
      <td><input type="date"></td>
    </tr>
    <tr>
      <td>End Date:</td>
      <td><input type="date"></td>
    </tr>
    <tr>
      <td>Priority:</td>
      <td>
        <input type="radio" name="ck"
value="high">High<br>
        <input type="radio" name="ck"
value="avg">Average<br>
        <input type="radio" name="ck"
value="low">Low
      </td>
    </tr>
  </form>
</table>
</center>
</body>
</html>
```

```
</tr>
<tr>
  <td>Description:</td>
  <td><input type="text" name="dt"
value="description"></td>
</tr>
<tr>
  <td><input type="submit"
value="Submit"></td>
  <td><input type="reset" value="Clear"></td>
</tr>
</form>
</table>
</center>
</body>
</html>
```

slip 2

```
<!DOCTYPE html>
<html>
<head>
<title>Pune</title>
<link rel="stylesheet" type="text/css" href="sBp3.css">
</head>

<body>
<div class="brd">
<h1>PUNE</h1>

<div class="landmark">Shaniwar Wada </div>
<div class="landmark">ISCON </div>
<div class="landmark">Dagdusheth Halwai Ganpati</div>
<div class="landmark">FC road</div>
<div class="scroll">
<marquee behavior="Scroll" direction="left">Welcome To
PUNE</marquee>
</div>
</div>

</body>
</html>
```

```
body{
background-color:pink;
}
h1{
display:flex;
align-items:center;
justify-content:center;
}
.imag{
height:50vh;
width:50%;
margin:auto;
display:block;
align-items:center;
justify-content:center;
}
```

```
.brd{
border: 2px solid black;
width:50%;
margin:auto;
}
```

```
.scroll{
margin-top:20px;
color:red;
font-size:20px;
}
```

```
.landmark{
display:flex;
align-items:center;
justify-content:left;
margin-top:10px;
margin-left:50px;
}
```

slip 3

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Company Information</title>
<style>
/* CSS styling */
.company-name {
background-color: green;
color: red;
font-family: 'Comic Sans MS', cursive;
font-size: 32px;
padding: 10px;
}

.company-description {
color: blue;
font-size: 18px;
}
</style>
</head>
<body>
<h1 class="company-name">Company XYZ</h1>
<p class="company-description">Company XYZ is a leading
provider of innovative solutions...</p>
</body>
</html>
```

Slip 4

```
<!DOCTYPE html>
<html>
<head>
<title>list of books</title>
</head>
<style>
body{
margin:auto;
margin-top:10px;
border:1px solid black;
padding:10px;
width:550px;
background:grey;
}
table{
width:500px;
background-color:pink;
padding:10px;
border: 2px solid black;
margin: auto;
border-collapse: collapse;
align-items: center;
}
th,td{
border: 1px solid black;
}
caption{
font-size:large;
padding:10px;
color:white;
text-align:center;
}
</style>
<body>
<table>
<caption>List of Books</caption>
<tr>
<th rowspan="2">Item No.</th>
<th rowspan="2">Item Name</th>
<th colspan="2">Price</th>
</tr>
<tr>
<th>Rs</th>
<th>Paise</th>
</tr>
<tr>
<td>1</td>
<td>Programming in Python</td>
<td>500</td>
<td>50</td>
</tr>
<tr>
<td>2</td>
<td>Programming in java</td>
<td>345</td>
<td>00</td>
</tr>
</table>
</body>
</html>
```

Slip 5

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Bootstrap Example</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,
initial-scale=1">
<link rel="stylesheet"
href="/home/ty37/bootstrap.min.css">
<script src="/home/ty37/public_html/web-
tech/jquery.min.js"></script>
<script src="/home/ty37/jquery.min.js"></script>
</head>
<style>

</style>

<body>
<div class="jumbotron text-center">
<h1> My First Bootstrap page</h1>
<p>Resize this responsive page to see the effect!</p>
</div>
<div class="container">
<div class="row">
<div class="col-sm-4 bg-primary">
<h3>Personal Information</h3>
<p>Add your personal information..</p>
<p>...</p>
</div>
<div class="col-sm-4">
<h3>Educational Information</h3>
<p>Add your educational information..</p>
<p>...</p>
</div>
<div class="col-sm-4">
<h3>Job Profile</h3>
<p>Add your job profile information..</p>
<p>...</p>
</div>
</div>
</div>
</body>
</html>
```

Slip 6

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bootstrap Web Layout</title>
  <!-- Bootstrap CSS -->
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/c
ss/bootstrap.min.css" rel="stylesheet">
  <style>
    /* Custom CSS */
    header {
      background-color: blue;
      color: white;
      padding: 20px;
    }

    .menu-section {
      background-color: green;
      padding: 10px;
    }

    .content-section {
      background-color: yellow;
      padding: 20px;
    }

    footer {
      background-color: red;
      color: white;
      padding: 20px;
    }
  </style>
</head>
<body>
  <header>
    <h1>Your College Name</h1>
  </header>

  <div class="container-fluid">
    <div class="row">
      <div class="col-md-3 menu-section">
        <h3>Menu</h3>
        <ul>
          <li><a href="#about-us">About Us</a></li>
        </ul>
      </div>

      <div class="col-md-9 content-section" id="about-us">
        <h2>About Us</h2>
        <p>College Information goes here...</p>
      </div>
    </div>

    <footer class="text-center">
      <p>Address of the College</p>
    </footer>

  <!-- Bootstrap JS and jQuery (for Bootstrap functionality) -->
```

```
<script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/di
st/umd/popper.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/
bootstrap.min.js"></script>
</body>
</html>
```

Slip 7

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Navigation Bar</title>
  <style>
    /* CSS Styling */
    body {
      margin: 0;
      font-family: Arial, sans-serif;
    }

    nav {
      background-color: #333;
      overflow: hidden;
    }

    nav a {
      float: left;
      display: block;
      color: white;
      text-align: center;
      padding: 14px 20px;
      text-decoration: none;
    }

    nav a:hover {
      background-color: #ddd;
      color: black;
    }
  </style>
</head>
<body>

<nav>
  <a href="#home">Home</a>
  <a href="#java">Java</a>
  <a href="#html">HTML</a>
  <a href="#css">CSS</a>
</nav>

<!-- Your content goes here -->

</body>
</html>
```

Slip 8

```
<!DOCTYPE html>
<html>
<head>
  <title>String Comparision</title>
</head>
<style>
  .form1{
    border: 2px solid black;
    border-radius: 20px ;
    padding: 20px;
    margin: auto;
    margin-top: 10px;
    width: 50%;
    background-color:grey;
    color:white;
  }
</style>
<body>
<div class="form1">
  <?php

    if($_SERVER["REQUEST_METHOD"]=="POST"){
      $largeString=$_POST["largeString"];
      $smallString=$_POST["smallString"];

      $startsWith=strpos($largeString,$smallString)==0;
      $position=strpos($largeString,$smallString);
      $n=5;

      $comparision=strncasecmp($largeString,$smallString,$n)==0;

      echo "Whether the small string appears at the start of the
      large String: ";
      echo $startsWith? "Yes":"No";
      echo "<br>";

      if($position!==false){
        echo "Position of the small string in the big string =
      $position";
      } else {
        echo "The small string was not found in the big string ";
      }

      echo "<br>";
      echo "Comparision of the first $n characters(case-
      insensitive); ";
      echo $comparision? "Equal": "Not Equal";
    }

  ?>
</div>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
  <title>String Comparision</title>
</head>
<style>
```

```
.form1{
border: 2px solid black;
border-radius: 20px ;
padding: 20px;
margin: auto;
width: 30%;
background-color:grey;
}
</style>
<body>
<div class="form1">
<h1>String comparision</h1>
```

```
<form action = "setB1.php" method="post">
```

```
<label for "largeString"> Enter a large String: </label>
<input type="text" id="largeString"
name="largeString"><br><br>
<label for "smallString"> Enter a small String: </label>
<input type="text" id="smallString"
name="smallString"><br><br>
```

```
<input type="submit" value="submit"><br>
</form>
</div>
</body>
</html>
```

Slip 9

```
<!DOCTYPE html>
<html>
<head>
    <title>String Operations Results</title>
</head>
<body>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $inputString = $_POST['inputString'];
    $chosenSeparator = $_POST['separator'];

    // Function to split the string into separate words using the
    given separator
    function splitString($inputString, $separator)
    {
        // Explode the string using the chosen separator
        $words = explode($separator, $inputString);
        return $words;
    }

    // Function to replace all occurrences of separator in the
    given string with another separator
    function replaceSeparator($inputString, $oldSeparator,
    $newSeparator)
    {
        $newString = str_replace($oldSeparator, $newSeparator,
    $inputString);
        return $newString;
    }

    // Split the string into separate words using the chosen
    separator
    $splitWords = splitString($inputString, $chosenSeparator);

    // Replace all occurrences of separator in the given string
    with another separator
    $newSeparator = '#'; // Change this to any other separator
    as needed
    $replacedString = replaceSeparator($inputString,
    $chosenSeparator, $newSeparator);

    // Find the last word in the given string
    $words = explode($chosenSeparator, $inputString);
    $lastWord = end($words);

    echo "<h2>Results:</h2>";
    echo "<p>Original String: $inputString</p>";
    echo "<p>Split Words using '$chosenSeparator': " .
    implode(" , ", $splitWords) . "</p>";
    echo "<p>String with replaced separator:
    $replacedString</p>";
    echo "<p>Last Word in the String: $lastWord</p>";
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
```

```

<head>
  <title>String Operations Form</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="inputString">Enter a String:</label><br>
  <input type="text" id="inputString"
name="inputString"><br><br>

  <label for="separator">Choose a Separator:</label><br>
  <select id="separator" name="separator">
    <option value="#">#</option>
    <option value="|">|</option>
    <option value="%">%</option>
    <!-- Add more options here if needed -->
  </select><br><br>

  <input type="submit" value="Submit">
</form>

</body>
</html>

```

Slip 10

```

<?php
  $A = $_POST["t1"];
  $B = $_POST["t2"];

  $C = $_POST["r1"];

  switch($C)
  {
    case "1":
      $Ans = $A % $B;
      echo "Modulus of given number is : $Ans";
      break;
    case "2":
      $Ans = $A ** $B;
      echo "Power of given number is : $Ans";
      break;
    case "3":
      $Ans = 0;
      for($i = 1; $i <= $A; $i++)
      {
        $Ans += $i;
      }
      echo "Sum of first n numbers of number 1 is : $Ans";
      break;
    case "4":
      $Ans = 1;
      for($i = 1; $i <= $B; $i++)
      {
        $Ans *= $i;
      }
      echo "Factorial of number 2 is : $Ans";
      break;
  }

?>

```

```

<!doctype html>
<html>
  <head>
    <title>Basic calculator</title>
  </head>
  <body>
    <form action = "setA1.php" method =
"POST">
    Number1<input type = "number" name = "t1"><br><br>
    Number2<input type = "number" name = "t2"><br><br>
    Modulus<input type = "radio" value = "1" name = "r1"><br>
    Power<input type = "radio" value = "2" name = "r1"><br>
    Sumation<input type = "radio" value = "3" name = "r1"><br>
    Factorial<input type = "radio" value = "4" name =
"r1"><br><br><br>

    <input type = "submit" value = "Submit" name = "s1">
      </form>

  </body>
</html>

```

Slip 11

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bootstrap Buttons</title>
  <!-- Bootstrap CSS -->
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/c
ss/bootstrap.min.css" rel="stylesheet">
</head>
<body>

<div class="container">
  <div class="row">
    <div class="col">
      <!-- Secondary Button -->
      <button class="btn btn-secondary">Secondary
Button</button>
    </div>
    <div class="col">
      <!-- Primary Button -->
      <button class="btn btn-primary">Primary
Button</button>
    </div>
    <div class="col">
      <!-- Success Button -->
      <button class="btn btn-success">Success
Button</button>
    </div>
    <div class="col">
      <!-- Error (Danger) Button -->
      <button class="btn btn-danger">Error (Danger)
Button</button>
    </div>
    <div class="col">
      <!-- Info Button -->
      <button class="btn btn-info">Info Button</button>
    </div>
    <div class="col">
      <!-- Warning Button -->
      <button class="btn btn-warning">Warning
Button</button>
    </div>
    <div class="col">
      <!-- Danger Button -->
      <button class="btn btn-danger">Danger Button</button>
    </div>
  </div>
</div>

</body>
</html>
```

Slip 12

```
<?php
  $A = $_POST["t1"];
  $B = $_POST["t2"];

  $C = $_POST["r1"];

  switch($C) {
    case "1":
      $Ans = $A % $B;
      echo "Modulus of given number is : $Ans";
      break;
    case "2":
      $Ans = $A ** $B;
      echo "Power of given number is : $Ans";
      break;
    case "3":
      $Ans = 0;
      for($i = 1; $i <= $A; $i++) {
        $Ans += $i;
      }
      echo "Sum of first n numbers of number 1 is : $Ans";
      break;
    case "4":
      $Ans = 1;
      for($i = 1; $i <= $B; $i++) {
        $Ans *= $i;
      }
      echo "Factorial of number 2 is : $Ans";
      break;
  }
?>
```

```
<!DOCTYPE html>
<html>
<head>
  <title>Basic Calculator</title>
</head>
<body>
  <form action="setA1.php" method="POST">
    Number 1: <input type="number"
name="t1"><br><br>
    Number 2: <input type="number"
name="t2"><br><br>

    Modulus <input type="radio" value="1"
name="r1"><br>
    Power <input type="radio" value="2"
name="r1"><br>
    Summation <input type="radio" value="3"
name="r1"><br>
    Factorial <input type="radio" value="4"
name="r1"><br><br><br>

    <input type="submit" value="Submit" name="s1">
  </form>
</body>
</html>
```

Slip 13

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Chess Board</title>
  <style>
    /* CSS styling for the chessboard */
    table {
      border-collapse: collapse;
      border: 2px solid #000;
    }

    td {
      width: 50px;
      height: 50px;
      text-align: center;
    }

    .black {
      background-color: #808080;
    }

    .white {
      background-color: #ffffff;
    }
  </style>
</head>
<body>

<table>
  <?php
  // PHP script to generate the chessboard pattern
  for ($row = 1; $row <= 8; $row++) {
    echo "<tr>";
    for ($col = 1; $col <= 8; $col++) {
      $sum = $row + $col;
      if ($sum % 2 == 0) {
        echo "<td class='black'></td>";
      } else {
        echo "<td class='white'></td>";
      }
    }
    echo "</tr>";
  }
  ?>
</table>

</body>
</html>
```

Slip 14

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Bootstrap Container with Rows and Columns</title>
  <!-- Bootstrap CSS -->
  <link
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/c
ss/bootstrap.min.css" rel="stylesheet">
</head>
<body>

<div class="container">
  <div class="row">
    <!-- Column 1 -->
    <div class="col">
      <div class="bg-primary text-light p-3">
        Column 1
      </div>
    </div>
    <!-- Column 2 -->
    <div class="col">
      <div class="bg-secondary text-light p-3">
        Column 2
      </div>
    </div>
    <!-- Column 3 -->
    <div class="col">
      <div class="bg-info text-light p-3">
        Column 3
      </div>
    </div>
  </div>
</div>

</body>
</html>
```

Slip 15

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>String Operations Results</title>
</head>
<body>
```

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $inputString = $_POST['inputString'];

    if (!empty($inputString)) {
        // Operation 1: Select first 5 words from the string
        $firstFiveWords = implode(' ', array_slice(explode(' ',
$inputString), 0, 5));

        // Operation 2: Convert the given string to lowercase and
then to Title case
        $lowercaseTitlecase = ucwords(strtolower($inputString));

        // Operation 3: Pad the given string with "*" from left
and right both sides
        $paddedString = '*' . $inputString . '*';

        // Operation 4: Remove the leading whitespaces from
the given string
        $trimmedString = ltrim($inputString);

        // Operation 5: Find the reverse of the given string
        $reversedString = strrev($inputString);

        // Display the results
        echo "<h2>Results:</h2>";
        echo "<p>Original String: $inputString</p>";
        echo "<p>First 5 Words: $firstFiveWords</p>";
        echo "<p>Lowercase to Title Case:
$lowercaseTitlecase</p>";
        echo "<p>Padded String: $paddedString</p>";
        echo "<p>String without Leading Whitespaces:
$trimmedString</p>";
        echo "<p>Reverse of the String: $reversedString</p>";
    } else {
        echo "<p>Please enter a string.</p>";
    }
}
?>
```

```
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>String Operations</title>
</head>
<body>
```

```
<form method="post" action="process.php">
```

```
<label for="inputString">Enter a String:</label><br>
<input type="text" id="inputString"
name="inputString"><br><br>

<input type="submit" value="Perform Operations">
</form>

</body>
</html>
```

Slip 16

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Student Result</title>
</head>
<body>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
  $serialNumbers = $_POST['serial_number'];
  $subjectNames = $_POST['subject_name'];
  $marks = $_POST['marks'];

  $totalMarks = array_sum($marks);
  $percentage = ($totalMarks / 500) * 100; // Assuming 100
marks per subject for 5 subjects

  // Calculate grade based on percentage
  if ($percentage >= 90) {
    $grade = 'A+';
  } elseif ($percentage >= 80) {
    $grade = 'A';
  } elseif ($percentage >= 70) {
    $grade = 'B';
  } elseif ($percentage >= 60) {
    $grade = 'C';
  } elseif ($percentage >= 50) {
    $grade = 'D';
  } else {
    $grade = 'Fail';
  }

  // Display the results in a table
  echo "<h2>Student Result</h2>";
  echo "<table border='1'>";
  echo "<tr><th>Serial Number</th><th>Subject
Name</th><th>Marks</th></tr>";
  for ($i = 0; $i < count($serialNumbers); $i++) {
    echo "<tr>";
    echo "<td>" . htmlspecialchars($serialNumbers[$i]) .
"</td>";
    echo "<td>" . htmlspecialchars($subjectNames[$i]) .
"</td>";
    echo "<td>" . htmlspecialchars($marks[$i]) . "</td>";
    echo "</tr>";
  }
  echo "</table>";

  echo "<p><strong>Total Marks:</strong>
$totalMarks</p>";
  echo "<p><strong>Percentage:</strong>
$percentage%</p>";
  echo "<p><strong>Grade:</strong> $grade</p>";
}
?>

</body>
</html>
```

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Student Marks Form</title>
</head>
<body>

<form method="post" action="process_marks.php">
  <table>
    <tr>
      <th>Serial Number</th>
      <th>Subject Name</th>
      <th>Marks (Out of 100)</th>
    </tr>
    <?php
    for ($i = 1; $i <= 5; $i++) {
      echo "<tr>";
      echo "<td><input type='text' name='serial_number['
value='$i'></td>";
      echo "<td><input type='text'
name='subject_name['></td>";
      echo "<td><input type='number' name='marks[' min='0'
max='100'></td>";
      echo "</tr>";
    }
    ?>
  </table>
  <input type="submit" value="Calculate Result">
</form>

</body>
</html>
```

<!DOCTYPE html>

Slip 17

```
<?php
$associativeArray = array("Sagar" => "31", "Vicky" => "41",
"Leena" => "39", "Ramesh" => "40");

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (isset($_POST['ascending_value'])) {
        asort($associativeArray);
        displayArray($associativeArray);
    } elseif (isset($_POST['ascending_key'])) {
        ksort($associativeArray);
        displayArray($associativeArray);
    } elseif (isset($_POST['descending_value'])) {
        arsort($associativeArray);
        displayArray($associativeArray);
    } elseif (isset($_POST['descending_key'])) {
        krsort($associativeArray);
        displayArray($associativeArray);
    }
}

function displayArray($array)
{
    echo "<h2>Sorted Array:</h2>";
    echo "<pre>";
    print_r($array);
    echo "</pre>";
}
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Sort Associative Array</title>
</head>
<body>

<form method="post" action="process.php">
    <input type="submit" name="ascending_value"
value="Ascending Order by Value">
    <input type="submit" name="ascending_key"
value="Ascending Order by Key">
    <input type="submit" name="descending_value"
value="Descending Order by Value">
    <input type="submit" name="descending_key"
value="Descending Order by Key">
</form>

</body>
</html>
```

Slip 18

```
<?php
$associativeArray = array("Sagar" => "31", "Vicky" => "41",
"Leena" => "39", "Ramesh" => "40");

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $choice = $_POST['operation'];

    switch ($choice) {
        case 1:
            reverseKeyValuePairs($associativeArray);
            break;
        case 2:
            traverseInRandomOrder($associativeArray);
            break;
        case 3:
            convertToIndividualVariables($associativeArray);
            break;
        case 4:
            displayElementsWithKeys($associativeArray);
            break;
        default:
            echo "Invalid choice!";
    }
}

function reverseKeyValuePairs($array)
{
    $reversedArray =
array_combine(array_reverse(array_keys($array)),
array_reverse($array));
    print_r($reversedArray);
}

function traverseInRandomOrder($array)
{
    shuffle($array);
    print_r($array);
}

function convertToIndividualVariables($array)
{
    extract($array);
    echo "Individual Variables:\n";
    echo "Sagar: $Sagar\n";
    echo "Vicky: $Vicky\n";
    echo "Leena: $Leena\n";
    echo "Ramesh: $Ramesh\n";
}

function displayElementsWithKeys($array)
{
    echo "Elements with Keys:\n";
    foreach ($array as $key => $value) {
        echo "$key: $value\n";
    }
}
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```

<meta charset="UTF-8">
<title>Menu-Driven Operations on Associative Array</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="operation">Choose an operation:</label><br>
  <select id="operation" name="operation">
    <option value="1">Reverse the order of each element's
key-value pair</option>
    <option value="2">Traverse the elements in an array in
random order</option>
    <option value="3">Convert the array elements into
individual variables</option>
    <option value="4">Display the elements of an array along
with their keys</option>
  </select><br><br>
  <input type="submit" value="Submit">
</form>

</body>
</html>

```

Slip 19

```

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $sentence = $_POST['sentence'];
    $word = $_POST['word'];
    $operation = $_POST['operation'];
    $position = $_POST['position'];
    $num_chars = $_POST['num_chars'];

    switch ($operation) {
        case 'delete':
            if ($num_chars > 0 && $position < strlen($sentence)) {
                $sentence = substr_replace($sentence, "", $position,
$num_chars);
                echo "After deletion: $sentence";
            } else {
                echo "Invalid position or number of characters!";
            }
            break;

        case 'insert':
            if ($position <= strlen($sentence)) {
                $sentence = substr_replace($sentence, $word,
$position, 0);
                echo "After insertion: $sentence";
            } else {
                echo "Invalid position!";
            }
            break;

        case 'replace':
            if ($position < strlen($sentence)) {
                $sentence = substr_replace($sentence, $word,
$position, strlen($word));
                echo "After replacement: $sentence";
            } else {
                echo "Invalid position!";
            }
            break;

        default:
            echo "Invalid operation!";
    }
}
?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>String Operations</title>
</head>
<body>

```

```

<form method="post" action="process.php">
  <label for="sentence">Enter a sentence:</label><br>
  <input type="text" id="sentence"
name="sentence"><br><br>

  <label for="word">Enter a word:</label><br>
  <input type="text" id="word" name="word"><br><br>

```

```

<label for="operation">Choose an operation:</label><br>
<select id="operation" name="operation">
  <option value="delete">Delete a part from the
sentence</option>
  <option value="insert">Insert word at specified
position</option>
  <option value="replace">Replace characters/words at
specified position</option>
</select><br><br>

<label for="position">Enter position:</label><br>
<input type="number" id="position"
name="position"><br><br>

<label for="num_chars">Enter number of characters (if
needed):</label><br>
<input type="number" id="num_chars"
name="num_chars"><br><br>

<input type="submit" value="Submit">
</form>

</body>
</html>

```

Slip 20

```

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $arrayInput = $_POST['array'];
    $operation = $_POST['operation'];

    $array = explode(',', $arrayInput);

    switch ($operation) {
        case 'split':
            $chunkSize = 2; // Example chunk size, can be modified
            $splitArray = array_chunk($array, $chunkSize);
            echo "Array chunks:\n";
            print_r($splitArray);
            break;

        case 'sort':
            asort($array);
            echo "Array sorted by values:\n";
            print_r($array);
            break;

        case 'filter':
            $filteredArray = array_filter($array, function ($value) {
                return $value % 2 == 0;
            });
            echo "Even elements from array:\n";
            print_r($filteredArray);
            break;

        default:
            echo "Invalid operation!";
    }
}
?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Array Operations</title>
</head>
<body>

```

```

<form method="post" action="process.php">
  <label for="array">Enter comma-separated values for the
array:</label><br>
  <input type="text" id="array" name="array"><br><br>

```

```

  <label for="operation">Choose an operation:</label><br>
  <select id="operation" name="operation">
    <option value="split">Split array into chunks</option>
    <option value="sort">Sort array by values</option>
    <option value="filter">Filter even elements from
array</option>
  </select><br><br>

```

```

  <input type="submit" value="Submit">
</form>
</body>
</html>

```

Slip 21

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Spring Weather Temperatures</title>
</head>
<body>

<?php
// Create an array of 15 high temperatures (sample data)
$temperatures = array(18, 20, 22, 23, 25, 26, 28, 29, 30, 28,
27, 26, 24, 22, 20);

// Calculate average high temperature
$averageTemperature = array_sum($temperatures) /
count($temperatures);

// Sort temperatures in descending order to get the warmest
temperatures
rsort($temperatures);

echo "<h2>Spring Weather Temperatures</h2>";
echo "<p>Average High Temperature: " .
number_format($averageTemperature, 2) . " °C</p>";

echo "<h3>Five Warmest High Temperatures:</h3>";
echo "<ul>";
for ($i = 0; $i < 5; $i++) {
  echo "<li>" . $temperatures[$i] . " °C</li>";
}
echo "</ul>";
?>

</body>
</html>
```

Slip 22

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Queue Operations Result</title>
</head>
<body>

<?php
session_start();

if (!isset($_SESSION['queue'])) {
  $_SESSION['queue'] = array();
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
  $element = $_POST['element'];
  $operation = $_POST['operation'];

  switch ($operation) {
    case 'insert':
      array_push($_SESSION['queue'], $element);
      echo "<p>Element '$element' inserted into the
queue.</p>";
      break;

    case 'delete':
      if (!empty($_SESSION['queue'])) {
        $removedElement =
array_shift($_SESSION['queue']);
        echo "<p>Element '$removedElement' deleted from
the queue.</p>";
      } else {
        echo "<p>Queue is empty.</p>";
      }
      break;

    case 'display':
      echo "<h2>Contents of Queue:</h2>";
      if (!empty($_SESSION['queue'])) {
        echo "<ul>";
        foreach ($_SESSION['queue'] as $item) {
          echo "<li>$item</li>";
        }
        echo "</ul>";
      } else {
        echo "<p>Queue is empty.</p>";
      }
      break;

    default:
      echo "<p>Invalid operation!</p>";
  }
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
```

```

<head>
  <meta charset="UTF-8">
  <title>Queue Operations</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="element">Enter an element for the
queue:</label><br>
  <input type="text" id="element"
name="element"><br><br>

  <label for="operation">Choose an operation:</label><br>
  <select id="operation" name="operation">
    <option value="insert">Insert element in queue</option>
    <option value="delete">Delete element from
queue</option>
    <option value="display">Display contents of
queue</option>
  </select><br><br>

  <input type="submit" value="Submit">
</form>

</body>
</html>

```

```

## Slip 24

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Stack Operations Result</title>
</head>
<body>

<?php
session_start();

if (!isset($_SESSION['stack'])) {
    $_SESSION['stack'] = array();
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $element = $_POST['element'];
    $operation = $_POST['operation'];

    switch ($operation) {
        case 'push':
            array_push($_SESSION['stack'], $element);
            echo "<p>Element '$element' inserted into the
stack.</p>";
            break;

        case 'pop':
            if (!empty($_SESSION['stack'])) {
                $removedElement = array_pop($_SESSION['stack']);
                echo "<p>Element '$removedElement' deleted from
the stack.</p>";
            } else {
                echo "<p>Stack is empty.</p>";
            }
            break;

        case 'display':
            echo "<h2>Contents of Stack:</h2>";
            if (!empty($_SESSION['stack'])) {
                echo "<ul>";
                foreach (array_reverse($_SESSION['stack']) as $item)
                {
                    echo "<li>$item</li>";
                }
                echo "</ul>";
            } else {
                echo "<p>Stack is empty.</p>";
            }
            break;

        default:
            echo "<p>Invalid operation!</p>";
    }
}
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">

```



```

<head>
  <meta charset="UTF-8">
  <title>Stack Operations</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="element">Enter an element for the
stack:</label><br>
  <input type="text" id="element"
name="element"><br><br>

  <label for="operation">Choose an operation:</label><br>
  <select id="operation" name="operation">
    <option value="push">Insert element in stack</option>
    <option value="pop">Delete element from stack</option>
    <option value="display">Display contents of
stack</option>
  </select><br><br>

  <input type="submit" value="Submit">
</form>

</body>
</html>

```

Slip 24

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Append Content Result</title>
</head>
<body>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
  $file1 = $_POST['file1'];
  $file2 = $_POST['file2'];

  if (file_exists($file1) && file_exists($file2)) {
    $content = file_get_contents($file1);
    file_put_contents($file2, $content, FILE_APPEND);
    echo "<p>Content of '$file1' appended into '$file2'.</p>";
  } else {
    echo "<p>One or both files do not exist.</p>";
  }
}
?>

</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Append Content of First File into Second File</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="file1">Enter first file name:</label><br>
  <input type="text" id="file1" name="file1"><br><br>

  <label for="file2">Enter second file name:</label><br>
  <input type="text" id="file2" name="file2"><br><br>

  <input type="submit" value="Append Content">
</form>

</body>
</html>

```

Slip 25

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>File Operations Result</title>
</head>
<body>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
  $filename = $_POST['filename'];
  $operation = $_POST['operation'];

  if (file_exists($filename)) {
    switch ($operation) {
      case 'file_type':
        $fileType = mime_content_type($filename);
        echo "<p>Type of file '$filename': $fileType</p>";
        break;

      case 'file_modification_time':
        $modificationTime = date("F d Y H:i:s.",
filemtime($filename));
        echo "<p>Last modification time of file '$filename':
$modificationTime</p>";
        break;

      case 'file_size':
        $fileSize = filesize($filename);
        echo "<p>Size of file '$filename': $fileSize
bytes</p>";
        break;

      case 'delete_file':
        if (unlink($filename)) {
          echo "<p>File '$filename' deleted
successfully.</p>";
        } else {
          echo "<p>Failed to delete file '$filename'.</p>";
        }
        break;

      default:
        echo "<p>Invalid operation!</p>";
    }
  } else {
    echo "<p>File '$filename' does not exist.</p>";
  }
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>File Operations</title>
</head>
<body>
```

```
<form method="post" action="process.php">
  <label for="filename">Enter filename:</label><br>
  <input type="text" id="filename"
name="filename"><br><br>

  <label for="operation">Choose an operation:</label><br>
  <select id="operation" name="operation">
    <option value="file_type">Display type of file</option>
    <option value="file_modification_time">Display last
modification time</option>
    <option value="file_size">Display size of file</option>
    <option value="delete_file">Delete the file</option>
  </select><br><br>

  <input type="submit" value="Perform Operation">
</form>

</body>
</html>
```

Slip 27

```
<?php
include 'db_connection.php'; // Include the database
connection file

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $hospitalName = $_POST['hospital_name'];

    $sql = "SELECT Doctor.dname, Doctor.address, Doctor.city,
Doctor.area
    FROM Doctor
    INNER JOIN Doctor_Hospital ON Doctor.doc_no =
Doctor_Hospital.doc_no
    INNER JOIN Hospital ON Doctor_Hospital.hosp_no =
Hospital.hosp_no
    WHERE Hospital.hname = '$hospitalName'";

    $result = $conn->query($sql);

    if ($result->num_rows > 0) {
        echo "<h2>Doctors Visiting $hospitalName
Hospital:</h2>";
        echo "<table border='1'>";
        echo "<tr><th>Doctor
Name</th><th>Address</th><th>City</th><th>Area</th></t
r>";

        while ($row = $result->fetch_assoc()) {
            echo "<tr>";
            echo "<td>" . $row['dname'] . "</td>";
            echo "<td>" . $row['address'] . "</td>";
            echo "<td>" . $row['city'] . "</td>";
            echo "<td>" . $row['area'] . "</td>";
            echo "</tr>";
        }
        echo "</table>";
    } else {
        echo "No doctors found for the specified hospital.";
    }
}
$conn->close();
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Doctors Visiting a Hospital</title>
</head>
<body>

<form method="post" action="process.php">
    <label for="hospital_name">Enter hospital
name:</label><br>
    <input type="text" id="hospital_name"
name="hospital_name"><br><br>
    <input type="submit" value="Get Doctors">
</form>

</body>
</html>
```

```
<?php
$servername = "your_servername";
$username = "your_username";
$password = "your_password";
$dbname = "your_database_name";

// Create connection
$conn = new mysqli($servername, $username, $password,
$dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Append Content Result</title>
</head>
<body>

<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $file1 = $_POST['file1'];
    $file2 = $_POST['file2'];

    if (file_exists($file1) && file_exists($file2)) {
        $content = file_get_contents($file1);
        file_put_contents($file2, $content, FILE_APPEND);
        echo "<p>Content of '$file1' appended into '$file2'.</p>";
    } else {
        echo "<p>One or both files do not exist.</p>";
    }
}
?>

</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Append Content of First File into Second File</title>
</head>
<body>

<form method="post" action="process.php">
  <label for="file1">Enter first file name:</label><br>
  <input type="text" id="file1" name="file1"><br><br>

  <label for="file2">Enter second file name:</label><br>
  <input type="text" id="file2" name="file2"><br><br>

  <input type="submit" value="Append Content">
</form>

</body>
</html>
```

Slip 29

```
<?php
// Your database connection details
$servername = "your_servername";
$username = "your_username";
$password = "your_password";
$dbname = "your_database_name";

// Establish connection to the database
$conn = new mysqli($servername, $username, $password,
$dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $eventTitle = $_POST['event_title'];

    // Query to update the status of committee to 'working' for
    a specific event
    $sql = "UPDATE Committee
        INNER JOIN Event_Committee ON Committee.cno =
        Event_Committee.cno
        INNER JOIN Event ON Event_Committee.eno =
        Event.eno
        SET Committee.status = 'working'
        WHERE Event.title = '$eventTitle'";

    if ($conn->query($sql) === TRUE) {
        echo "Status of committee for event '$eventTitle'
        modified to 'working' successfully.";
    } else {
        echo "Error updating status: " . $conn->error;
    }
}
$conn->close();
?>
```

Slip 30

```
<?php
$db = pg_connect("host=192.168.0.10 port=5432
dbname=tydb142 user=ty142 password= ");

if (!$db)
    die("Could not open database\n" . pg_last_error($db));

$name = $_POST["name"];
$query = <<<END
    SELECT Student.* FROM Student
        INNER JOIN StudentCompetition AS SC
            ON SC.stud_id = Student.stud_id
        INNER JOIN Competition
            ON SC.c_no = Competition.c_no
    WHERE Competition.c_name = $1
    ORDER BY rank ASC
    LIMIT 1;
END;

$ret = pg_query_params($db, $query, array($name));
if (!$ret)
    die("psql error: " . pg_last_error($db));

$row = pg_fetch_row($ret);
if (!$row)
    die("No results found for competition '$name'");

list($id, $name, $class) = $row;
echo "<h1>Rank #1 in $name</h1>";
echo "<b>ID:</b> " . $id . "<br/>";
echo "<b>Name:</b> " . $name . "<br/>";
echo "<b>Class:</b> " . $class . "<br/>";
```

```
<!DOCTYPE html>
<html>
    <head>
        <title>Student Competition</title>
    </head>

    <body>
        <h1>Set B2</h1>
        <form action="setB2.php" method="post">
            Enter competition name: <input type="text"
name="name"/>
            <br><br>
            <input type="submit" value="Submit"/>
        </form>
    </body>
</html>
```
