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(Approved by AICTE, New Delhi & Affiliated to Savitribai Phule Pune University)

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	whatever the purchase has been done and print the total. (Use \$ SESSION).			
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Advanced Internet Technology

Part B: Mid Term Journal Submission

Q.1 Write a menu-driven program in PHP to perform the following operations on associative arrays:

- i. Sort the array by values (changing the keys) in ascending, descending order.**
- ii. Also, sort the array by values without changing the keys.**
- ii. Find the intersection of two arrays.**
- iv. Find the union of two arrays.**

Program:

```
<?php
function sortByValuesAsc($array)
{
    asort($array);
    return $array;
}
function sortByValuesDesc($array)
{
    arsort($array);
    return $array;
}
function sortByValuesPreserveKeys($array)
{
    asort($array);
    return $array;
}
function findIntersection($array1, $array2)
{
    return array_intersect($array1, $array2);
}
function findUnion($array1, $array2)
{
    return array_merge($array1, $array2);
}
function printArray($array)
{
    foreach ($array as $key => $value) {
        echo $key . " => " . $value . "<br>";
    }
    echo "<br>";
}

$menu = "
===== Menu =====
1. Sort array by values in ascending order (changing keys)
2. Sort array by values in descending order (changing keys)
3. Sort array by values without changing keys
4. Find intersection of two arrays
5. Find union of two arrays
6. Exit
=====
";
```

```
$choice = isset($_POST['choice']) ? (int)$_POST['choice'] : 0;

$array1 = array("a" => 5, "b" => 2, "c" => 8, "d" => 1);
$array2 = array("b" => 4, "d" => 3, "e" => 9);

$sortedArrayAsc = sortByValuesAsc($array1);
echo "Sorted Array in Ascending Order (Changing Keys):<br>";
printArray($sortedArrayAsc);

$sortedArrayDesc = sortByValuesDesc($array1);
echo "Sorted Array in Descending Order (Changing Keys):<br>";
printArray($sortedArrayDesc);

$sortedArrayPreserveKeys = sortByValuesPreserveKeys($array1);
echo "Sorted Array in Ascending Order (Preserving Keys):<br>";
printArray($sortedArrayPreserveKeys);

$intersection = findIntersection($array1, $array2);
echo "Intersection of Array 1 and Array 2:<br>";
printArray($intersection);

$union = findUnion($array1, $array2);
echo "Union of Array 1 and Array 2:<br>";
printArray($union);

?>
```

Output:

Sorted Array in Ascending Order (Changing Keys):

```
d => 1
b => 2
a => 5
c => 8
```

Sorted Array in Descending Order (Changing Keys):

```
c => 8
a => 5
b => 2
d => 1
```

Sorted Array in Ascending Order (Preserving Keys):

```
d => 1
b => 2
a => 5
c => 8
```

Intersection of Array 1 and Array 2:

Union of Array 1 and Array 2:

```
a => 5
b => 4
c => 8
d => 3
e => 9
```

Q2. Write a PHP script to perform arithmetic operations on two numbers. Write a PHP function to display the result. (Use the concept of function and default parameters)

Program:

```
<?php
function calculateResult($num1, $num2, $operator = '+')
{
    switch ($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 = "Error: Division by zero";
            }
            break;
        default:
            $result = "Error: Invalid operator";
            break;
    }
}
```

```
}
return $result;
}
$num1 = 10;
$num2 = 5;
$addition = calculateResult($num1, $num2, '+');
$subtraction = calculateResult($num1, $num2, '-');
$multiplication = calculateResult($num1, $num2, '*');
$division = calculateResult($num1, $num2, '/');
echo "Addition: " . $addition . "\n."<br>";
echo "Subtraction: " . $subtraction . "\n."<br>";
echo "Multiplication: " . $multiplication . "\n."<br>";
echo "Division: " . $division . "\n";
?>
```

Output:

Addition: 15
Subtraction: 5
Multiplication: 50
Division: 2

Q.3 Write PHP program to perform the following operations on Indexed Array: a) Check the array element is positive or negative b) Calculate the average of array elements c) Calculate the sum of array elements

Program:

```
<?php
function checkPositiveNegative($array)
{
    foreach ($array as $element) {
        if ($element >= 0) {
            echo "$element is positive\n"."<br>";
        } else {
            echo "$element is negative\n"."<br>";
        }
    }
    echo "\n";
}
function calculateAverage($array)
{
    $sum = 0;
    $count = count($array);
    foreach ($array as $element) {
        $sum += $element;
    }
    $average = $sum / $count;
    return $average;
}
function calculateSum($array)
{
    $sum = 0;
    foreach ($array as $element) {
        $sum += $element;
    }
    return $sum;
}
```

```
}  
$numbers = [1, -2, 3, -4, 5];  
echo "Array: " . implode(" ", $numbers) . "\n" . "<br>";  
checkPositiveNegative($numbers);  
$average = calculateAverage($numbers);  
echo "Average: " . $average . "\n" . "<br>";  
$sum = calculateSum($numbers);  
echo "Sum: " . $sum . "\n" . "<br>";  
?>
```

Output:

```
Array: 1, -2, 3, -4, 5  
1 is positive  
-2 is negative  
3 is positive  
-4 is negative  
5 is positive  
Average: 0.6  
Sum: 3
```

4. Write a menu-driven program in PHP to perform the following operations on string:

- i) Find the length of a string
- ii) Convert a string into uppercase
- ii) Count the number of words in a string

program:

```
<?php  
function convertToUppercase($str)  
{  
    return strtoupper($str);  
}  
function findStringLength($str)  
{  
    return strlen($str);  
}  
function countWords($str)  
{  
    $words = str_word_count($str);  
    return $words;  
}  
$string = "Hello, World! This is a sample string."  
$lenstring = findStringLength($string);  
echo "String length: " . $lenstring . "<br>";  
$uppercaseString = convertToUppercase($string);  
echo "Uppercase string: " . $uppercaseString . "\n\n" . "<br>";  
$wordCount = countWords($string);  
echo "Number of words in the string: " . $wordCount . "\n\n";  
?>
```

Output:

```
String length: 38  
Uppercase string: HELLO, WORLD! THIS IS A SAMPLE STRING.  
Number of words in the string: 7
```

5. Create a form to accept student information (name, class, address). Once the student information is accepted, accept marks in next form (Java, PHP, ST, IT, practl, and project). Display the mark sheet for the student the next form containing name, class, marks of the subject, total and percentage (Use \$ COOKIE).

Program:

Page1:

```
<!DOCTYPE html>
<html>
<head>
  <title>Student Information</title>
</head>
<body>
  <h2>Student Information Form</h2>
  <form method="post" action="Que5B.php">
    <label for="name">Name:</label>
    <input type="text" id="name" name="name" required><br><br>
    <label for="class">Class:</label>
    <input type="text" id="class" name="class" required><br><br>
    <label for="address">Address:</label>
    <textarea id="address" name="address" rows="4" required></textarea><br><br>
    <input type="submit" value="Next">
  </form>
</body>
</html>
```

Page2:

```
<?php
$name = $_COOKIE['student_name'];
$class = $_COOKIE['student_class'];
$address = $_COOKIE['student_address'];
$java = $_POST['java'];
$php = $_POST['php'];
$st = $_POST['st'];
$it = $_POST['it'];
$practl = $_POST['practl'];
$project = $_POST['project'];
$total = $java + $php + $st + $it;
$average = $total / 4;
print("Name: " . $name) . "<br>";
print("Class: " . $class) . "<br>";
print("Address: " . $address) . "<br>";
print("Mark of Java : " . $java) . "<br>";
print("Mark of Php: " . $php) . "<br>";
print("Mark of St : " . $st) . "<br>";
print("Mark of IT : " . $it) . "<br>";
print("Total Marks : " . $total) . "<br>";
print("Average of Marks : " . $average . "%");
?>
```

Page3:

```
<?php
session_start();
$name = $_POST['name'];
$class = $_POST['class'];
```



```
$address = $_POST['address'];
setcookie('student_name', $name);
setcookie('student_class', $class);
setcookie('student_address', $address);
?>
<!DOCTYPE html>
<html>
<head>
  <title>Student Marks</title>
</head>

<body>
  <h2>Student Marks Form</h2>
  <form method="post" action="Que5.php">
    <label for="java">Java:</label>
    <input type="number" id="java" name="java" required><br><br>
    <label for="php">PHP:</label>
    <input type="number" id="php" name="php" required><br><br>
    <label for="st">ST:</label>
    <input type="number" id="st" name="st" required><br><br>
    <label for="it">IT:</label>
    <input type="number" id="it" name="it" required><br><br>
    <label for="practl">Practical:</label>
    <input type="number" id="practl" name="practl" required><br><br>
    <label for="project">Project:</label>
    <input type="number" id="project" name="project" required><br><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

output:

Student Information Form

Name:

Class:

Address:

Student Marks Form

Java: PHP: ST: IT: Practical: Project:

Name: ram

Class: Mca

Address: karad

Mark of Java : 34

Mark of Php: 23

Mark of St : 54

Mark of IT : 22

Total Marks : 133

Average of Marks : 33.25%

6. Write a program to create a shopping mall. User must be allowed to do purchase from three pages. Each page should have a page total. The fourth page should display a bill, which consists of a page total of whatever the purchase has been done and print the total. (Use \$ SESSION).

Program:

Page 1:

```
<?php
session_start();
// Initialize the page total for page 1
if (!isset($_SESSION['page1_total'])) {
    $_SESSION['page1_total'] = 0;
}
// Process the purchase on page 1
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $purchase = $_POST['purchase'];
    $price = $_POST['price'];
    // Update the page total
    $_SESSION['page1_total'] += $price;
    // Redirect to the next page
    header('Location: Que6.2.php');
    exit();
}
?>
```

<!DOCTYPE html>

<html>

```

<head>
  <title>Shopping Mall - Page 1</title>
</head>
<body>
  <h2>Shopping Mall - Page 1</h2>
  <form method="post" action="<?php echo $_SERVER['PHP_SELF']; ?>">
    <label for="purchase">Purchase:</label>
    <input type="text" id="purchase" name="purchase" required><br><br>
    <label for="price">Price:</label>
    <input type="number" id="price" name="price" required><br><br>
    <input type="submit" value="Add to Cart">
  </form>
</body>
</html>

```

Page2:

```

<?php
session_start();
// Initialize the page total for page 2
if (!isset($_SESSION['page2_total'])) {
  $_SESSION['page2_total'] = 0;
}
// Process the purchase on page 2
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
  $purchase = $_POST['purchase'];
  $price = $_POST['price'];
  // Update the page total
  $_SESSION['page2_total'] += $price;
  // Redirect to the next page
  header('Location: Que6.3.php');
  exit();
}
?>

```

```

<!DOCTYPE html>
<html>
<head>
  <title>Shopping Mall - Page 2</title>
</head>
<body>
  <h2>Shopping Mall - Page 2</h2>
  <form method="post" action="<?php echo $_SERVER['PHP_SELF']; ?>">
    <label for="purchase">Purchase:</label>
    <input type="text" id="purchase" name="purchase" required><br><br>
    <label for="price">Price:</label>
    <input type="number" id="price" name="price" required><br><br>
    <input type="submit" value="Add to Cart">
  </form>
</body>
</html>

```

Page3:

```

<?php
session_start();
// Initialize the page total for page 3
if (!isset($_SESSION['page3_total'])) {
  $_SESSION['page3_total'] = 0;
}
// Process the purchase on page 3

```

```

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $purchase = $_POST['purchase'];
    $price = $_POST['price'];
    // Update the page total
    $_SESSION['page3_total'] += $price;
    // Redirect to the bill page
    header('Location: Que6.4.php');
    exit();
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Shopping Mall - Page 3</title>
</head>
<body>
    <h2>Shopping Mall - Page 3</h2>
    <form method="post" action="<?php echo $_SERVER['PHP_SELF']; ?>">
        <label for="purchase">Purchase:</label>
        <input type="text" id="purchase" name="purchase" required><br><br>
        <label for="price">Price:</label>
        <input type="number" id="price" name="price" required><br><br>

        <input type="submit" value="Add to Cart">
    </form>
</body>
</html>
Page4:
<?php
session_start();
// Calculate the total bill
$total = $_SESSION['page1_total'] + $_SESSION['page2_total'] + $_SESSION['page3_total'];
// Clear the session data
session_unset();
session_destroy();
?>
<!DOCTYPE html>
<html>
<head>
    <title>Shopping Mall - Bill</title>
</head>
<body>
    <h2>Shopping Mall - Bill</h2>
    <table>
        <tr>
            <th>Page 1 Total:</th>
            <td><?php echo $_SESSION['page1_total']; ?></td>
        </tr>
        <tr>
            <th>Page 2 Total:</th>
            <td><?php echo $_SESSION['page2_total']; ?></td>
        </tr>
        <tr>
            <th>Page 3 Total:</th>
            <td><?php echo $_SESSION['page3_total']; ?></td>
        </tr>
    </table>

```

```
<th>Total:</th>
<td><?php echo $total; ?></td>
</tr>
</table>
</body>
</html>
```

Output:

Shopping Mall - Page 1

Purchase:

Price:

Shopping Mall - Page 2

Purchase:

Price:

Shopping Mall - Page 3

Purchase:

Price:

Total: 24

Q.7. Write a PHP script that creates the following table using for loops. Add cellpadding="-3px" and cellspacing="0px" to the table tag

|1*1=1 1*2=2 1*3=3 1*4=4 1*5=5 2*1=2 2*2=4 2*3=6 2*4=8 2*5=10 3*1=3 3*2=6 3*3=9 3*4=12 3*5=15 4*1=4 4*2=8 4*3=12 4*4=16 4*5=20 5*1=5 5*2=10 5*3=15 5*4=20 5*5=25 6*1=6 6*2=12 6*3=18 6*4=24 6*5=30

Program:

```
<!DOCTYPE html>
<html>
<head>
    <title>Multiplication Table</title>
</head>
<body>
    <table cellpadding="3px" cellspacing="0px" border="1">
        <?php
            for ($i = 1; $i <= 6; $i++) {
                echo "<tr>";
                for ($j = 1; $j <= 5; $j++) {
                    if ($j == 1) {
                        echo "<td>{$i} * {$j} = " . ($i * $j) . "</td>";
                    } else {
                        echo "<td>{$i} * {$j} = " . ($i * $j) . "</td>";
                    }
                }
                echo "</tr>";
            }
        ?>
    </table>
</body>
</html>
```

Output:

1 * 1 = 1	1 * 2 = 2	1 * 3 = 3	1 * 4 = 4	1 * 5 = 5
2 * 1 = 2	2 * 2 = 4	2 * 3 = 6	2 * 4 = 8	2 * 5 = 10
3 * 1 = 3	3 * 2 = 6	3 * 3 = 9	3 * 4 = 12	3 * 5 = 15
4 * 1 = 4	4 * 2 = 8	4 * 3 = 12	4 * 4 = 16	4 * 5 = 20
5 * 1 = 5	5 * 2 = 10	5 * 3 = 15	5 * 4 = 20	5 * 5 = 25
6 * 1 = 6	6 * 2 = 12	6 * 3 = 18	6 * 4 = 24	6 * 5 = 30

8. Create an online flight registration form. On the first page accept name, address, birthdate, and mobile number. On the second page accept flight details (flight name, source, destination, departure date-time and charges. Insert all the details in database and on the third page display the flight details booked by the customer.[Use HTMLS,CSS3 & Session]

Program

Page1:

<html>

<head>

<title>Flight Registration Form</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 20px;

background-color: #f2f2f2;

}

.container {

max-width: 500px;

margin: 0 auto;

padding: 20px;

background-color: #fff;

border-radius: 5px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

}

h1 {

text-align: center;

margin-bottom: 20px;

}

label {

display: block;

margin-top: 10px;

font-weight: bold;

}

input[type="text"],

input[type="date"],

input[type="number"],

input[type="date"],

input[type="tel"] {

width: 90%;

padding: 10px;

border-radius: 3px;

border: 1px solid #ccc;

}

input[type="submit"] {

margin-top: 20px;

padding: 10px 20px;

background-color: #d80e4b;

color: white;

border: none;

border-radius: 3px;

cursor: pointer;

```

    }

    input[type="submit"]:hover {
        background-color: #0d90db;
    }
</style>
</head>

<body >
<div class="container">
    <h1>Flight Registration Form</h1>
    <form method="post" action="q8.php">

        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>

        <label for="address">Address:</label>
        <input type="text" id="address" name="address" required>

        <label for="birthdate">Birthdate:</label>
        <input type="date" id="birthdate" name="birthdate" required>

        <label for="mobile">Mobile Number:</label>
        <input type="tel" id="mobile" name="mobile" pattern="[0-9]{10}" required> <br>

        <input type="submit" value="Next">
    </form>
</div>

</body>

</html>
Page2:
<?php
session_start();

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Store the personal information in session variables
    $_SESSION['name'] = $_POST['name'];
    $_SESSION['address'] = $_POST['address'];
    $_SESSION['birthdate'] = $_POST['birthdate'];
    $_SESSION['mobile'] = $_POST['mobile'];

}
?>
<!DOCTYPE html>
<html>

<head>
    <title>Flight Registration Form - Flight Details</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
            background-color: #f2f2f2;
        }

        .container {

```



```
max-width: 500px;
margin: 0 auto;
padding: 20px;
background-color: #fff;
border-radius: 5px;
box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}

h1 {
text-align: center;
margin-bottom: 20px;
}

label {
display: block;
margin-top: 10px;
font-weight: bold;
}

input[type="text"],
input[type="date"],
input[type="number"],
input[type="datetime-local"] {
width: 100%;
padding: 10px;
border-radius: 3px;
border: 1px solid #ccc;
}

input[type="submit"] {
margin-top: 20px;
padding: 10px 20px;
background-color: #d80e4b;
color: white;
border: none;
border-radius: 3px;
cursor: pointer;
}

input[type="submit"]:hover {
background-color: #0d90db;
}
</style>
</head>

<body>
<div class="container">
<h1>Flight Registration Form - Flight Details</h1>
<form method="post" action="q8b.php">
<label for="flight_name">Flight Name:</label>
<input type="text" id="flight_name" name="flight_name" required>

<label for="source">Source:</label>
<input type="text" id="source" name="source" required>

<label for="destination">Destination:</label>
<input type="text" id="destination" name="destination" required>
```

```

<label for="departure_datetime">Departure Date & Time:</label>
<input type="datetime-local" id="departure_datetime" name="departure_datetime" required>

<label for="charges">Charges:</label>
<input type="number" id="charges" name="charges" required>

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

</html>
Page 3:
<?php
session_start();

$host = "localhost";
$username = "root";
$password = "";
$databse = "flight";

$conn = mysqli_connect($host, $username, $password, $databse);

if ($_SERVER["REQUEST_METHOD"] == "POST") {

    $name = $_SESSION['name'];
    $address = $_SESSION['address'];
    $birthdate = $_SESSION['birthdate'];
    $mobile = $_SESSION['mobile'];

    $flightName = $_POST['flight_name'];
    $source = $_POST['source'];
    $destination = $_POST['destination'];
    $departureDatetime = $_POST['departure_datetime'];
    $charges = $_POST['charges'];

    $query = "INSERT INTO fino (name, address, birthdate, mobile, flight_name, source, destination,
departure_datetime, charges) VALUES ('$name', '$address', '$birthdate', '$mobile', '$flightName', '$source',
'$destination', '$departureDatetime', '$charges')";

    if (mysqli_query($conn, $query)) {
        $lastInsertId = mysqli_insert_id($conn);

        $selectQuery = "SELECT * FROM fino WHERE id = '$lastInsertId'";
        $result = mysqli_query($conn, $selectQuery);

        if (mysqli_num_rows($result) > 0) {
            $row = mysqli_fetch_assoc($result);
            $name = $row['name'];
            $address = $row['address'];
            $birthdate = $row['birthdate'];
            $mobile = $row['mobile'];
            $flightName = $row['flight_name'];
            $source = $row['source'];
            $destination = $row['destination'];
            $departureDatetime = $row['departure_datetime'];
            $charges = $row['charges'];

```

```
echo "<h1>Flight Details</h1>";
echo "<table >";
echo "<tr><td><strong>Name:</strong></td><td>$name</td></tr>";
echo "<tr><td><strong>Address:</strong></td><td>$address</td></tr>";
echo "<tr><td><strong>Birthdate:</strong></td><td>$birthdate</td></tr>";
echo "<tr><td><strong>Mobile Number:</strong></td><td>$mobile</td></tr>";
echo "<tr><td><strong>Flight Name:</strong></td><td>$flightName</td></tr>";
echo "<tr><td><strong>Source:</strong></td><td>$source</td></tr>";
echo "<tr><td><strong>Destination:</strong></td><td>$destination</td></tr>";
echo "<tr><td><strong>Departure Date & Time:</strong></td><td>$departureDatetime</td></tr>";
echo "<tr><td><strong>Charges:</strong></td><td>$charges</td></tr>";
echo "</table>";
} else {
    echo "No flight details found.";
}
} else {
    echo "Error inserting flight details: " . mysqli_error($conn);
}
}

// Close the database connection
mysqli_close($conn);
?>
```


Output:

Flight Registration Form

Name:

Address:

Birthdate:



Mobile Number:

Flight Registration Form - Flight Details

Flight Name:

Source:

Destination:

Departure Date & Time:

dd-mm-yyyy --:--



Charges:

Submit

Flight Details

Name: ram
Address: karad
Birthdate: 2023-06-03
Mobile Number: 2147483647
Flight Name: air india
Source: karad
Destination: pune
Departure Date & Time: 2023-06-28
Charges: 4

Q9. Design a web application for registration of student(attributes stud_id,stud name,stud_contact no,stud emailid,stud _dob,gender, username,pwd).

Program:

Html:
<html>

```
<head>
  <title>Student Registration</title>
  <style>
    .container {
      max-width: 500px;
      margin: 0 auto;
      padding: 20px;
      background-color: #3cc3c3;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }

    h1 {
      text-align: center;
    }

    label {
      display: block;
      margin-top: 10px;
      font-weight: bold;
    }
    input[type="text"],
    input[type="date"],
    input[type="number"],
    input[type="email"],
    select,
    input[type="password"],
    input[type="date"] {
      width: 90%;
      padding: 10px;
      border-radius: 3px;
      border: 1px solid #ccc;
    }

    input[type="submit"] {
      margin-top: 20px;
      padding: 10px 20px;
      background-color: #d80ea5;
      color: white;
      border: none;
      border-radius: 3px;
      cursor: pointer;
    }

    input[type="submit"]:hover {
      background-color: #0d90db;
    }
  </style>
</head>

<body>
  <div class="container">
    <h1>Student Registration Form</h1>
    <form action="q9.php" method="POST">

      <label for="stud_name">Student Name:</label>
      <input type="text" id="stud_name" name="stud_name" required>
```

```

<label for="stud_contact">Contact Number:</label>
<input type="text" id="stud_contact" name="stud_contact" required>

<label for="stud_email">Email ID:</label>
<input type="email" id="stud_email" name="stud_email" required>

<label for="stud_dob">Date of Birth:</label>
<input type="date" id="stud_dob" name="stud_dob" required>

<label for="gender">Gender:</label>
<select id="gender" name="gender" required>
  <option value="male">Male</option>
  <option value="female">Female</option>
  <option value="other">Other</option>
</select>

<label for="username">Username:</label>
<input type="text" id="username" name="username" required>

<label for="password">Password:</label>
<input type="password" id="password" name="password" required>

  <input type="submit" value="Register">
</form>
</div>
</body>

</html>

```

Php:
<?php

```

$host = "localhost";
$username = "root";
$password = "";
$database = "student_info";

```

```

$conn = mysqli_connect($host, $username, $password, $database);

```

```

$stud_name = $_POST["stud_name"];
$stud_contact = $_POST["stud_contact"];
$stud_email = $_POST["stud_email"];
$stud_dob = $_POST["stud_dob"];
$gender = $_POST["gender"];
$username = $_POST["username"];
$password = $_POST["password"];

```

```

$sql = "INSERT INTO info (sname, contact, email, dob, gender, username, pwd)
VALUES ('$stud_name', '$stud_contact', '$stud_email', '$stud_dob', '$gender', '$username',
$password)";

```

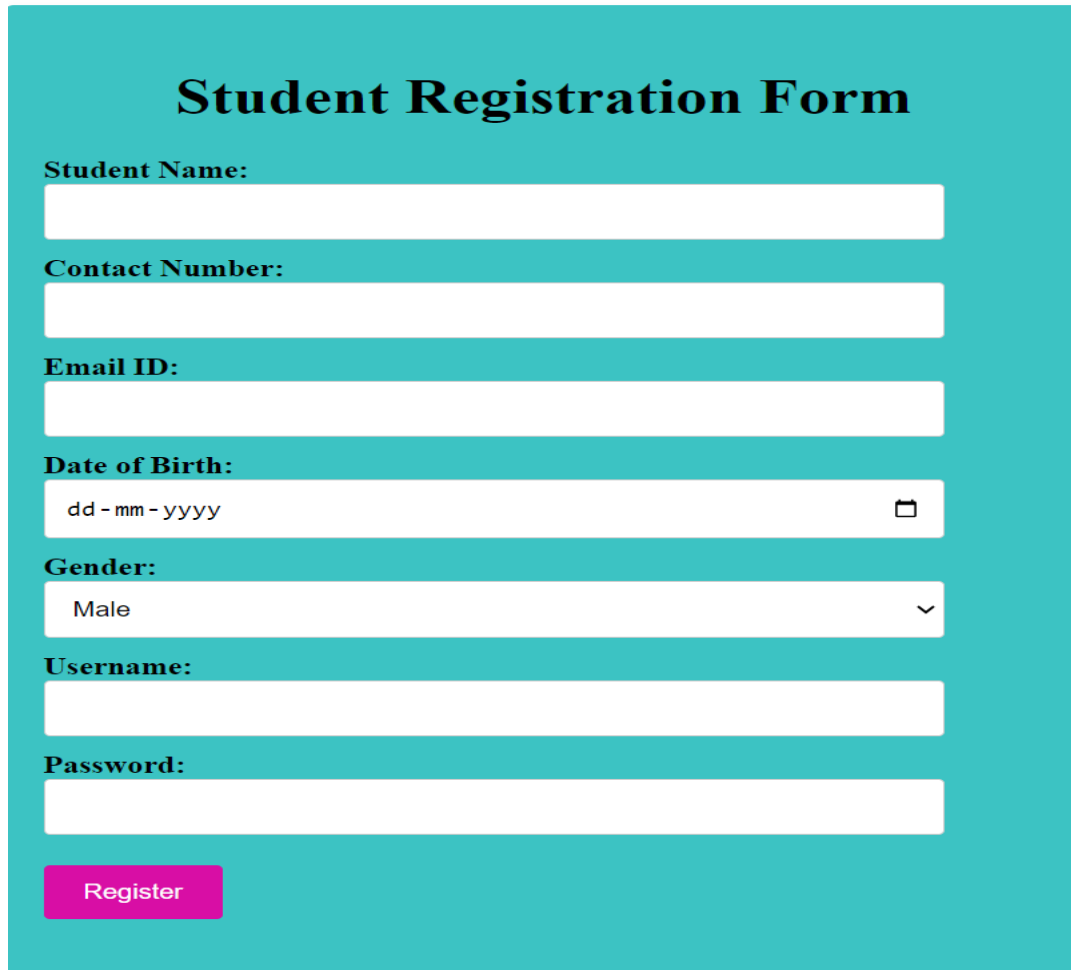
```

if (mysqli_query($conn, $sql)) {
  print("Data Inserted Successfully");
} else {
  print("Error in Inserting the data");
}

```

```
echo "Student Name: " . $stud_name . "<br>";  
echo "Contact Number: " . $stud_contact . "<br>";  
echo "Email ID: " . $stud_email . "<br>";  
echo "Date of Birth: " . $stud_dob . "<br>";  
echo "Gender: " . $gender . "<br>";  
echo "Username: " . $username . "<br>";  
echo "Password: " . $password . "<br>";  
?>
```

Output:



| | id | sname | contact | email | dob | gender | username | pwd |
|---|----|-------|---------|----------|------------|--------|----------|------|
| <input type="checkbox"/> Edit <input type="copy"/> Copy <input type="delete"/> Delete | 1 | ram | 343431 | t123@com | 2023-06-03 | male | ram | sita |

Q10) Design a web application to accept and insert 5 records of the doctor into the database(attributes- doc no,doc_name,city,address,date_of joining,area_of specialization). Sort the doctor's records by date_of joining and display on the next page

Html:

```
<html>

<head>
  <title>Add Doctor Record</title>
  <style>
    .container {
      max-width: 500px;
      margin: 0 auto;
      padding: 20px;
      background-color: #10f3e4;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }

    h1 {
      text-align: center;
    }

    label {
      display: block;
      margin-top: 10px;
      font-weight: bold;
    }

    input[type="text"],
    input[type="date"],
    input[type="number"],
    input[type="email"],
    select,
    input[type="password"],
    input[type="date"] {
      width: 90%;
      padding: 10px;
      border-radius: 3px;
      border: 1px solid #ccc;
    }

    input[type="submit"] {
      margin-top: 20px;
      padding: 10px 20px;
      background-color: #d80e4b;
      color: white;
      border: none;
      border-radius: 3px;
      cursor: pointer;
    }

    input[type="submit"]:hover {
      background-color: #0d90db;
    }
  </style>
</head>

<body>
  <div class="container">
    <h2> Doctor Record Form</h2>
    <form action="q10.php" method="post">
      <label for="doc_name">Doctor Name:</label>
```



```

<input type="text" id="doc_name" name="doc_name" required>
<label for="city">City:</label>
<input type="text" id="city" name="city" required>
<label for="address">Address:</label>
<input type="text" id="address" name="address" required>
<label for="date_of_joining">Date of Joining:</label>
<input type="date" id="date_of_joining" name="date_of_joining" required>
<label for="area_of_specialization">Area of Specialization:</label>
<input type="text" id="area_of_specialization" name="area_of_specialization" required>
<input type="submit" value="Submit">
</form>
</div>
</body>

</html>

```

Php:

```

<?php
$docName = $_POST['doc_name'];
$city = $_POST['city'];
$address = $_POST['address'];
$dateOfJoining = $_POST['date_of_joining'];
$areaOfSpecialization = $_POST['area_of_specialization'];

$host = "localhost";
$username = "root";
$password = "";
$databse = "doctor";

$conn = mysqli_connect($host, $username, $password, $databse);

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

// Insert the record into the database
$sql = "INSERT INTO dinfo ( dname, city, address, doj, special)
        VALUES ('$docName', '$city', '$address', '$dateOfJoining', '$areaOfSpecialization')";

if ($conn->query($sql) === TRUE) {
    echo "Record inserted successfully.";
} else {
    echo "Error inserting record: " . $conn->error;
}

$sql = "SELECT * FROM doctors ORDER BY date_of_joining ASC";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    // Display records
    echo "<h2>Sorted Doctor's Records</h2>";
    echo "<table>";
    echo "<tr><th>Doctor Number</th><th>Doctor Name</th><th>City</th><th>Address</th><th>Date of
Joining</th><th>Area of Specialization</th></tr>";
    while ($row = $result->fetch_assoc()) {
        echo "<tr>";
        echo "<td>" . $row["id"] . "</td>";
    }
}

```

```
        echo "<td>" . $row["dname"] . "</td>";
        echo "<td>" . $row["city"] . "</td>";
        echo "<td>" . $row["address"] . "</td>";
        echo "<td>" . $row["doj"] . "</td>";
        echo "<td>" . $row["special"] . "</td>";
        echo "</tr>";
    }
    echo "</table>";
} else {
    echo "No records found.";
}
```

```
$conn->close();
```

```
?>
```

```
?>
```

Output:

Doctor Record Form

Doctor Name:

City:

Address:

Date of Joining:

Area of Specialization: