GANPAT UNIVERSITY
U.V. PATEL COLLEGE OF ENGINEERING

B.Tech 6th Semester CE/IT

2CEIT6PE1: Web Technology

Practical-4

Aim: Perform following programs of PHP form handling.

Exercise:

1. Write a program to use of following global Variables:
   $_REQUEST, $_POST, $_GET, $_ENV, $_GLOBAL, $_SERVER

CODE:

```php
<?php
// Demonstrating $_POST
if ($_SERVER["REQUEST_METHOD"] == "POST" &&
isset($_POST['name'])) {
    echo "Hello, " . $_POST['name'] . "! (via POST)<br>";
}


// Demonstrating $_GET
if ($_SERVER["REQUEST_METHOD"] == "GET" &&
isset($_GET['age'])) {
    echo "You are " . $_GET['age'] . " years old. (via GET)<br>";
}
```

```php
// Demonstrating $_REQUEST for both POST and GET
if (isset($_REQUEST['city'])) {
    echo "Your city is " . $_REQUEST['city'] . ". (via REQUEST)<br>";
}


// Demonstrating $_ENV
$_ENV['USER'] = 'GURU'; // Directly set the value in the $_ENV superglobal
$user = $_ENV['USER']; // Access the variable from the $_ENV superglobal
echo "Your username is $user (via ENV)<br>";


// Demonstrating $_SERVER
echo "Your server software is " . $_SERVER['SERVER_SOFTWARE'] . " (via SERVER)<br>";


// Demonstrating $_GLOBALS
$GLOBALS['globalVar'] = "This is a global variable.";
echo $GLOBALS['globalVar'] . " (accessed via GLOBALS)<br>";
?>


<!DOCTYPE html>
<html>
<body>


<h2>PHP Superglobals Example</h2>


<form method="post" action="<?php echo $_SERVER["PHP_SELF"];?>">
```

```
    Name: <input type="text" name="name">

    City (via POST): <input type="text" name="city">

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


<p>Click the link below to submit an age via GET request:</p>


<form method="get" action="<?php echo $_SERVER["PHP_SELF"];?>">

    Age: <input type="text" name="age">

    City (via GET): <input type="text" name="city">

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



</body>
</html>
```

OUTPUT:

Hello, Guru! (via POST)
Your city is Modasa. (via REQUEST)
Your username is GURU (via ENV)
Your server software is Apache/2.4.56 (Win64) OpenSSL/1.1.1t PHP/8.0.28 (via SERVER)
This is a global variable. (accessed via GLOBALS)

PHP Superglobals Example

Name: [   ] [...] City (via POST): [   ] [Submit]

Click the link below to submit an age via GET request:

Age: [   ] City (via GET): [   ] [Submit]

You are 19 years old. (via GET)
Your city is Patan. (via REQUEST)
Your username is GURU (via ENV)
Your server software is Apache/2.4.56 (Win64) OpenSSL/1.1.1t PHP/8.0.28 (via SERVER)
This is a global variable. (accessed via GLOBALS)

PHP Superglobals Example

Name: [   ] [...] City (via POST): [   ] [Submit]

Click the link below to submit an age via GET request:

Age: [   ] City (via GET): [   ] [Submit]

2. Create a PHP script that implements a Billing Module with order and confirmation pages. The order page should collect the Buyer's Name and Mobile Number with validation and display the confirmed order details on a separate page.
Note: Refer to the attached figure for a visual representation

Welcome to U-Shop @ MSU

Buyer's Name: [   ]
State: [   ]

Product Name	Price	Quantity
Twisties	RM 3.00	[ ]
Cadbury's Choclate	RM 3.50	[ ]
Cadbury's Nut Choclate	RM 4.50	[ ]
Cloud 9	RM 0.30	[ ]

Payment Method:

○ Cash
◉ Visa
○ Master Card

[Submit Order] [Cancel order]

P4_2_1.php :-

    CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="./styles.css">
</head>
<body>
    <div class="container">
    <h1 class="main-title">Welcome to U-Shop @GUNI</h1>
    <form action="./p4_2_2.php" method = "post">
        <table>
            <tr>
                <td>Buyer's Name:</td>
                <td><input type="text" name="name" id="name"></td>
            </tr>
            <tr>
                <td>Mobile No:</td>
                <td><input type="tel" id="phone" name="phone"
pattern="\+91[0-9]{10}" placeholder="+917963552563"></td>
            </tr>
        </table>
```

```html
<table>
    <tr></tr>
    <tr></tr>
    <tr class="product">
        <th>Product Name</th>
        <th>Price</th>
        <th>Quantity</th>
    </tr>
    <tr>
        <td class="product-det">Twisties</td>
        <td class="product-price">RM 3.00</td>
        <td class="product-quantity"><input type="number"
name="twisties" id="twisties" min="0" max="10"></td>
    </tr>
    <tr>
        <td class="product-det">Cadbury's Chocolate</td>
        <td class="product-price">RM 3.50</td>
        <td class="product-quantity"><input type="number"
name="cadbury" id="cadbury" min="0" max="10"></td>
    </tr>
    <tr>
        <td class="product-det">Cadbury's Nut Chocolate</td>
        <td class="product-price">RM 4.50</td>
        <td class="product-quantity"><input type="number"
name="cadburyNut" id="cadburyNut" min="0" max="10"></td>
    </tr>
```

```
      <tr>
          <td class="product-det">Cloud 9</td>
          <td class="product-price">RM 0.30</td>
          <td class="product-quantity"><input type="number"
name="cloud9" id="cloud9" min="0" max="10"></td>
      </tr>
    </table>


    <div class="payment-method">
       <h2>Payment Method</h2>
       <input type="radio" name="payment" value="cash">Cash<br>
       <input type="radio" name="payment" value="visa">Visa<br>
       <input type="radio" name="payment" value="master">Master<br>
    </div>


    <div class="buttons">
       <input type="submit" value="Submit Order">
       <input type="reset" value="Cancel Order">
    </div>
  </form>
  </div>
</body>
</html>
```

P4_2_2.php :-

CODE:

```php
<?php
$name = isset($_POST["name"]) ? htmlspecialchars($_POST["name"]) : '';
$phone = isset($_POST["phone"]) ? htmlspecialchars($_POST["phone"]) : '';
$twisties = isset($_POST["twisties"]) ? intval($_POST["twisties"]) : 0;
$cadbury = isset($_POST["cadbury"]) ? intval($_POST["cadbury"]) : 0;
$cadburyNut = isset($_POST["cadburyNut"]) ?
intval($_POST["cadburyNut"]) : 0;
$cloud9 = isset($_POST["cloud9"]) ? intval($_POST["cloud9"]) : 0;
$payment = isset($_POST["payment"]) ?
htmlspecialchars($_POST["payment"]) : '';

$twisties_total = $twisties * 3.00;
$cadbury_total = $cadbury * 3.50;
$cadburyNut_total = $cadburyNut * 4.50;
$cloud9_total = $cloud9 * 0.30;

$total = $twisties_total + $cadbury_total + $cadburyNut_total +
$cloud9_total;
?>

<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-
scale=1.0">
   <title>Order Summary</title>
   <link rel="stylesheet" href="./style2.css">
</head>
<body>
```

```html
<div class="container">
<h1 class="main-title">Order Summary</h1>
<table>
  <tr>
    <td>Buyer's Name:</td>
    <td><?php echo $name; ?></td>
  </tr>
  <tr>
    <td>Mobile No:</td>
    <td><?php echo $phone; ?></td>
  </tr>
</table>
<table>
  <tr class="product">
    <th>Product Name</th>
    <th>Price</th>
    <th>Quantity</th>
    <th>Subtotal</th>
  </tr>
  <tr>
    <td class="product-det">Twisties</td>
    <td class="product-price">RM 3.00</td>
    <td class="product-quantity"><?php echo $twisties; ?></td>
    <td class="product-subtotal">RM <?php echo $twisties_total; ?></td>
  </tr>
  <tr>
    <td class="product-det">Cadbury's Chocolate</td>
    <td class="product-price">RM 3.50</td>
    <td class="product-quantity"><?php echo $cadbury; ?></td>
    <td class="product-subtotal">RM <?php echo $cadbury_total; ?></td>
  </tr>
  <tr>
    <td class="product-det">Cadbury's Nut Chocolate</td>
```

```html
        <td class="product-price">RM 4.50</td>
        <td class="product-quantity"><?php echo $cadburyNut; ?></td>
        <td class="product-subtotal">RM <?php echo $cadburyNut_total;
?></td>
      </tr>
      <tr>
        <td class="product-det">Cloud 9</td>
        <td class="product-price">RM 0.30</td>
        <td class="product-quantity"><?php echo $cloud9; ?></td>
        <td class="product-subtotal">RM <?php echo $cloud9_total;
?></td>
      </tr>
    </table>
    <table>
      <tr>
        <td>Total:</td>
        <td>RM <?php echo $total; ?></td>
      </tr>
    </table>
    <table>
      <tr>
        <td>Payment Method:</td>
        <td><?php echo $payment; ?></td>
      </tr>
    </table>
    </div>
</body>
</html>
```