

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

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Global Variables Example</title>
</head>
<body>
  <h2>Global Variables Example</h2>
  <form method="post" action="<?php echo $_SERVER['PHP_SELF']; ?>">
    <label for="name">Enter Your Name:</label><br>
    <input type="text" id="name" name="name"><br>
    <input type="submit" name="submit" value="Submit">
  </form>

  <?php
  // Using $_REQUEST to retrieve form data
  if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = $_REQUEST['name'];
    echo "<p>Using \$_REQUEST: Hello, $name!</p>";
  }

  // Using $_POST to retrieve form data
  if (isset($_POST['name'])) {
    $name = $_POST['name'];
    echo "<p>Using \$_POST: Hello, $name!</p>";
  }

  // Using $_GET to retrieve query parameters
  if (isset($_GET['name'])) {
    $name = $_GET['name'];
    echo "<p>Using \$_GET: Hello, $name!</p>";
  }

  // Using $_ENV to retrieve environment variables
```

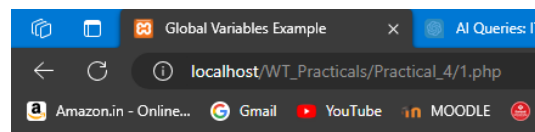
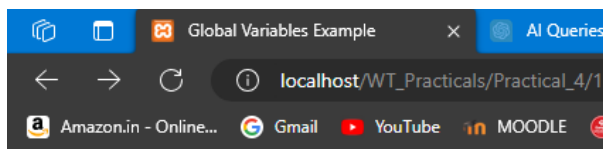
```

if (isset($_ENV['USER'])) {
    $user = $_ENV['USER'];
    echo "<p>Using \$_ENV: Hello, $user!</p>";
}

// Using $_GLOBALS to access global variables
$global_var = "I am a global variable!";
echo "<p>Using \$_GLOBALS: $global_var</p>";

// Using $_SERVER to access server-related information
$server_name = $_SERVER['SERVER_NAME'];
$server_port = $_SERVER['SERVER_PORT'];
echo "<p>Using \$_SERVER: Server Name - $server_name, Port - $server_port</p>";
?>
</body>
</html>

```



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.

Order.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Order Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
      margin: 0;
      padding: 20px;
    }

    h2 {
      margin-bottom: 20px;
      color: #333;
    }

    form {
      background-color: #fff;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }

    .name-inputs, .item-container {
      display: flex;
      align-items: center;
      margin-bottom: 15px;
    }

    .name-inputs label, .item-container label {
      width: 100px;
      font-weight: bold;
    }

    .name-inputs input, .item-container input {
      flex: 1;
      padding: 8px;
      margin-left: 10px;
      border-radius: 4px;
    }
```

```
        border: 1px solid #ccc;
    }

    .item-container input[type="number"] {
        width: 80px;
    }

    h3 {
        margin-top: 20px;
        margin-bottom: 10px;
        color: #555;
    }

    input[type="radio"] {
        margin-right: 5px;
    }

    input[type="submit"] {
        padding: 10px 20px;
        background-color: #4CAF50;
        color: #fff;
        border: none;
        border-radius: 4px;
        cursor: pointer;
        transition: background-color 0.3s;
    }

    input[type="submit"]:hover {
        background-color: #45a049;
    }
</style>
</head>
<body>
    <h2>Place Your Order</h2>

    <?php
    // Read item data from CSV file
    $itemsData = [];
    if (($handle = fopen("items.csv", "r")) !== FALSE) {
        // Skip the header row
        fgetcsv($handle);
        while (($data = fgetcsv($handle, 1000, ",")) !== FALSE) {
            $itemsData[] = $data;
        }
    }
    </?php>
```

```
    }
    fclose($handle);
}
?>

<form method="post" action="confirmation.php">
  <div class="name-inputs">
    <label for="firstname">First Name:</label>
    <input type="text" id="firstname" name="firstname">

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

    <label for="lastname">Last Name:</label>
    <input type="text" id="lastname" name="lastname">
  </div>

  <h3>Grocery Items</h3>

  <?php foreach ($itemsData as $item): ?>
    <div class="item-container">
      <label for="<?php echo $item[0]; ?>"><?php echo $item[0] . ' - &#8377;' .
number_format((float)$item[1], 2); ?></label>
      <input type="number" id="<?php echo $item[0]; ?>" name="<?php echo
strtolower(str_replace(' ', '_', $item[0])); ?>" value="0" min="0">
    </div>
  <?php endforeach; ?>

  <h3>Payment Method</h3>
  <input type="radio" id="cash" name="payment" value="Cash">
  <label for="cash">Cash</label><br>

  <input type="radio" id="card" name="payment" value="Card">
  <label for="card">Card</label><br>

  <input type="radio" id="paypal" name="payment" value="PayPal">
  <label for="paypal">PayPal</label><br><br>

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

Confirmation.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Order Confirmation</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
      margin: 0;
      padding: 20px;
    }

    h2 {
      margin-bottom: 20px;
      color: #333;
    }

    table {
      border-collapse: collapse;
      width: 100%;
      background-color: #fff;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }

    th, td {
      border: 1px solid #dddddd;
      text-align: left;
      padding: 8px;
    }

    th {
      background-color: #f2f2f2;
    }

    .total-price-row td {
      font-weight: bold;
    }

    p {
```

```

        margin-bottom: 10px;
    }

    form {
        margin-top: 20px;
    }

    input[type="submit"] {
        padding: 10px 20px;
        background-color: #4CAF50;
        color: #fff;
        border: none;
        border-radius: 4px;
        cursor: pointer;
        transition: background-color 0.3s;
    }

    input[type="submit"]:hover {
        background-color: #45a049;
    }

    /* Red cancel button */
    input[name="cancel"] {
        background-color: #f44336; /* Red color */
    }
</style>
</head>
<body>
    <h2>Order Confirmation</h2>
    <?php
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $firstname = $_POST['firstname'];
        $middlename = $_POST['middlename'];
        $lastname = $_POST['lastname'];
        $itemsData = [];
        if (($handle = fopen("items.csv", "r")) !== FALSE) {
            // Skip the header row
            fgetcsv($handle);
            while (($data = fgetcsv($handle, 1000, ",")) !== FALSE) {
                $itemsData[] = $data;
            }
            fclose($handle);
        }
    }

```

```
echo "<p><strong>Name: $firstname $middlename $lastname</strong></p>";

// Display table header
echo "<table>";
echo "<tr>";
echo "<th>Item</th>";
echo "<th>Price</th>";
echo "<th>Quantity</th>";
echo "<th>Gross</th>";
echo "</tr>";

$totalPrice = 0; // Initialize total price

foreach ($itemsData as $item) {
    $itemName = strtolower(str_replace(' ', '_', $item[0]));
    $quantity = $_POST[$itemName];
    if ($quantity > 0) { // Only display if quantity is greater than zero
        $price = (float) $item[1];
        $subtotal = $quantity * $price;
        $totalPrice += $subtotal;

        echo "<tr>";
        echo "<td>{$item[0]}</td>";
        echo "<td>\$ . number_format(\$price, 2) . "</td>";
        echo "<td>\$quantity</td>";
        echo "<td>\$ . number_format(\$subtotal, 2) . "</td>";
        echo "</tr>";
    }
}

// Display total price row
echo "<tr class='total-price-row'>";
echo "<td colspan='3'><strong>Total Price to Pay</strong></td>";
echo "<td><strong>\$ . number_format(\$totalPrice, 2) . "</strong></td>";
echo "</tr>";

echo "</table>";

// Display selected payment method
$payment = $_POST['payment'];
echo "<p><strong>Payment Method: \$payment</strong></p>";
} else {
```



```

        echo "<p>Sorry, no order details found.</p>";
    }
?>
<form method="post" action="order.php">
    <input type="submit" name="confirm" value="Confirm Order">
    <input type="submit" name="cancel" value="Cancel Order">
</form>
</body>
</html>

```

Items.csv

	A	B	C
1	Item Name	Price	
2	Apple	2	
3	Banana	1.5	
4	Milk	3	
5	Bread	2.5	
6			

Output :

Place Your Order

First Name: ADESHARA Middle Name: BRIJESH Last Name: GAUTAMKUMAR

Grocery Items

Apple - \$2.00 2

Banana - \$1.50 1

Milk - \$3.00 0

Bread - \$2.50 5

Payment Method

☐ Cash

☒ Card

☐ PayPal

Order Confirmation

Name: ADESHARA BRIJESH GAUTAMKUMAR

Item	Price	Quantity	Gross
Apple	\$2.00	2	\$4.00
Banana	\$1.50	1	\$1.50
Bread	\$2.50	5	\$12.50
Total Price to Pay			\$18.00

Payment Method: Card