ASS7

[A] Write a PHP script to take number from user and print the table of that

number.

<!DOCTYPE html>

<html>

<head>

<title>Multiplication Table Generator</title>

</head>

<body>

<h1>Multiplication Table Generator</h1>

<form method="post" action="<?php echo $\_SERVER['PHP\_SELF']; ?>">

Enter a number: <input type="text" name="number">

<input type="submit" value="Generate Table">

</form>

<?php

// Check if the form is submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

// Retrieve the user input

$number = $\_POST["number"];

// Validate the input (check if it's a positive integer)

if (!is\_numeric($number) || $number <= 0 || floor($number) != $number)

{

echo "Please enter a positive integer.";

} else {

// Generate and display the multiplication table

echo "<h2>Multiplication Table for $number</h2>";

echo "<table border='1'>";

for ($i = 1; $i <= 10; $i++) {

$result = $number \* $i;

echo "<tr><td>$number x

$i</td><td>=</td><td>$result</td></tr>";

}

echo "</table>";

}

}

?>

</body>

</html>

[B] Write a PHP script to display numeric, associative and multidimensional

array with for each loop.

<!DOCTYPE html>

<html>

<head>

<title>Array Display</title>

</head>

<body>

<h2>Numeric Array</h2>

<?php

// Numeric Array

$numericArray = [1, 2, 3, 4, 5];

echo "<ul>";

foreach ($numericArray as $item) {

echo "<li>$item</li>";

}

echo "</ul>";

?>

<h2>Associative Array</h2>

<?php

// Associative Array

$associativeArray = [

"name" => "John",

"age" => 30,

"city" => "New York"

];

echo "<ul>";

foreach ($associativeArray as $key => $value) {

echo "<li>$key: $value</li>";

}

echo "</ul>";

?>

<h2>Multidimensional Array</h2>

<?php

// Multidimensional Array

$multidimensionalArray = [

[

"name" => "Alice",

"age" => 25,

"city" => "Los Angeles"

],

[

"name" => "Bob",

"age" => 28,

"city" => "Chicago"

],

[

"name" => "Charlie",

"age" => 22,

"city" => "San Francisco"

]

];

echo "<ul>";

foreach ($multidimensionalArray as $person) {

echo "<li>";

foreach ($person as $key => $value) {

echo "$key: $value | ";

}

echo "</li>";

}

echo "</ul>";

?>

</body>

</html>

Ass8

Design a shopping application form with following fields [itemID, itemName,

itemQuantity] Write a PHP script to add and display the items.

<!DOCTYPE html>

<html>

<head>

    <title>Shopping Application</title>

    <style>

        /\* Add styles for buttons \*/

        .action-button {

            background-color: #4CAF50;

            color: white;

            border: none;

            padding: 10px 20px;

            text-align: center;

            text-decoration: none;

            display: inline-block;

            font-size: 16px;

            margin: 4px 2px;

            cursor: pointer;

        }

    </style>

</head>

<body>

    <h2>Add Item</h2>

    <form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

        Item Name: <input type="text" name="itemName" required>

        Quantity: <input type="number" name="itemQuantity" required>

        <button type="submit" name="add\_item" class="action-button" style="background-color: #4CAF50;">Add</button>

    </form>

    <h2>Update Item</h2>

    <form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

        Item ID: <input type="number" name="itemID" required>

        New Item Name: <input type="text" name="newItemName" required>

        New Quantity: <input type="number" name="newItemQuantity" required>

        <button type="submit" name="update\_item" class="action-button" style="background-color: #008CBA;">Update</button>

    </form>

    <h2>Delete Item</h2>

    <form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

        Item ID: <input type="number" name="itemID" required>

        <button type="submit" name="delete\_item" class="action-button" style="background-color: #f44336;">Delete</button>

    </form>

    <h2>Items</h2>

    <table border="1">

        <tr>

            <th>Item ID</th>

            <th>Item Name</th>

            <th>Quantity</th>

        </tr>

        <?php

            // PHP code for CRUD operations and displaying items goes here

            $servername = "localhost";

            $username = "root";

            $password = "lou28";

            $dbname = "shopping\_app";

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

            if ($conn->connect\_error) {

                die("Connection failed: " . $conn->connect\_error);

            }

            if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

                if (isset($\_POST['add\_item'])) {

                    $itemName = $\_POST['itemName'];

                    $itemQuantity = $\_POST['itemQuantity'];

                    $sql = "INSERT INTO items (itemName, itemQuantity) VALUES ('$itemName', '$itemQuantity')";

                    $conn->query($sql);

                } elseif (isset($\_POST['update\_item'])) {

                    $itemID = $\_POST['itemID'];

                    $newItemName = $\_POST['newItemName'];

                    $newItemQuantity = $\_POST['newItemQuantity'];

                    $sql = "UPDATE items SET itemName='$newItemName', itemQuantity='$newItemQuantity' WHERE itemID=$itemID";

                    $conn->query($sql);

                } elseif (isset($\_POST['delete\_item'])) {

                    $itemID = $\_POST['itemID'];

                    $sql = "DELETE FROM items WHERE itemID=$itemID";

                    $conn->query($sql);

                }

            }

            $sql = "SELECT \* FROM items";

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

            if ($result->num\_rows > 0) {

                while ($row = $result->fetch\_assoc()) {

                    echo "<tr>";

                    echo "<td>" . $row['itemID'] . "</td>";

                    echo "<td>" . $row['itemName'] . "</td>";

                    echo "<td>" . $row['itemQuantity'] . "</td>";

                    echo "</tr>";

                }

            } else {

                echo "<tr><td colspan='3'>No items available</td></tr>";

            }

            $conn->close();

        ?>

    </table>

</body>

</html>

SQL:

CREATE TABLE items (

itemID INT AUTO\_INCREMENT PRIMARY KEY,

itemName VARCHAR(255) NOT NULL,

itemQuantity INT NOT NULL

);

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Create the database table with the entries mentioned:

[rollNo, studName, studDept, passingYear, classGrades] Grades should be

either {First Class, Second Class, Pass}

<!DOCTYPE html>

<html>

<head>

    <title>Create Database Table</title>

</head>

<body>

    <h1>Create Students Table</h1>

    <?php

    if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

        // Database configuration

        $servername = "localhost";

        $username = "your\_username";

        $password = "your\_password";

        $dbname = "your\_database";

        // Create connection

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

        // Check connection

        if ($conn->connect\_error) {

            die("Connection failed: " . $conn->connect\_error);

        }

        // SQL command to create table

        $sql = "CREATE TABLE Students (

            rollNo INT PRIMARY KEY,

            studName VARCHAR(255),

            studDept VARCHAR(50),

            passingYear INT,

            classGrades ENUM('First Class', 'Second Class', 'Pass')

        )";

        if ($conn->query($sql) === TRUE) {

            echo "Table Students created successfully";

        } else {

            echo "Error creating table: " . $conn->error;

        }

        $conn->close();

    }

    ?>

    <form method="post">

        <input type="submit" value="Create Table">

    </form>

</body>

</html>

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<!DOCTYPE html>

<html>

<head>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>

<script>

$(document).ready(function(){

  $("button").click(function(){

    var div = $("div");

    div.animate({right: '130px'}, "fast");

    div.animate({fontSize: '3.8em'}, "slow");

  });

});

</script>

</head>

<body>

<button>Start Animation</button>

<div style="background:#98bf21;height:100px;width:200px;position:absolute;">HELLO</div>

</body>

</html>

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<!DOCTYPE html>

<html>

<head>

    <title>Dynamic Element Addition</title>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

</head>

<body style="background-color:lightslategrey">

    <button id="addElementButton">Add Elements!</button>

    <div id="dynamicElementContainer"></div>

    <script>

        $(document).ready(function() {

            let elementCounter = 0;

            $("#addElementButton").click(function() {

                elementCounter++;

                const newElement = $('<div>').attr('id', 'dynamicElement' + elementCounter);

                newElement.text('Element No : ' + elementCounter);

                $("#dynamicElementContainer").append(newElement);

            });

        });

    </script>

</body>

</html>

ASS 12 Popup

<!DOCTYPE html>

<html>

<head>

    <title>Popup on Mouseover</title>

    <style>

        /\* Style for the popup \*/

        .popup {

            display: none;

            position: absolute;

            background-color: #f1f1f1;

            border: 1px solid #ccc;

            padding: 10px;

            z-index: 1;

        }

        /\* Style for the text boxes and button \*/

        .popup input[type="text"] {

            width: 100%;

            margin: 5px 0;

        }

        .popup button {

            background-color: #4CAF50;

            color: white;

            border: none;

            padding: 10px 20px;

            cursor: pointer;

        }

    </style>

</head>

<body>

    <h1>Popup on Mouseover</h1>

    <!-- Link with popup on mouseover -->

    <a href="#" onmouseover="showPopup()" onmouseout="hidePopup()">Hover over me</a>

    <!-- The popup container -->

    <div id="myPopup" class="popup">

        <h2>Enter Data</h2>

        <input type="text" placeholder="Textbox 1">

        <input type="text" placeholder="Textbox 2">

        <button>Submit</button>

    </div>

    <script>

        function showPopup() {

            var popup = document.getElementById("myPopup");

            popup.style.display = "block";

        }

        function hidePopup() {

            var popup = document.getElementById("myPopup");

            popup.style.display = "none";

        }

    </script>

</body>

</html>