TITLE: 7) Program on PHP control statements.

CODE:

<?php

// Control statements example in PHP

// Start the HTML output

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>PHP Control Statements Example</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

            background-color: #f4f4f4;

        }

        h1 {

            color: #007bff;

        }

        .output {

            background-color: #ffffff;

            padding: 15px;

            border-radius: 5px;

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

            margin-bottom: 20px;

        }

    </style>

</head>

<body>

<h1>PHP Control Statements Example</h1>

<div class="output">

    <h2>1. Conditional Statements</h2>

    <?php

    // Using if-else

    $score = 75;

    echo "<strong>Score:</strong> $score<br>";

    if ($score >= 90) {

        echo "Grade: A<br>";

    } elseif ($score >= 80) {

        echo "Grade: B<br>";

    } elseif ($score >= 70) {

        echo "Grade: C<br>";

    } else {

        echo "Grade: D<br>";

    }

    // Using switch

    $day = 3; // Let's say 1 = Sunday, 2 = Monday, ..., 7 = Saturday

    echo "<strong>Day Number:</strong> $day<br>";

    switch ($day) {

        case 1:

            echo "It's Sunday.<br>";

            break;

        case 2:

            echo "It's Monday.<br>";

            break;

        case 3:

            echo "It's Tuesday.<br>";

            break;

        case 4:

            echo "It's Wednesday.<br>";

            break;

        case 5:

            echo "It's Thursday.<br>";

            break;

        case 6:

            echo "It's Friday.<br>";

            break;

        case 7:

            echo "It's Saturday.<br>";

            break;

        default:

            echo "Invalid day.<br>";

            break;

    }

    ?>

</div>

<div class="output">

    <h2>2. Looping Statements</h2>

    <?php

    // Using for loop

    echo "<strong>Using for loop:</strong><br>";

    for ($i = 1; $i <= 5; $i++) {

        echo "Number: $i<br>";

    }

    // Using while loop

    echo "<strong>Using while loop:</strong><br>";

    $j = 1;

    while ($j <= 5) {

        echo "Number: $j<br>";

        $j++;

    }

    // Using foreach loop with an array

    echo "<strong>Using foreach loop:</strong><br>";

    $fruits = ["Apple", "Banana", "Cherry", "Date"];

    foreach ($fruits as $fruit) {

        echo "Fruit: $fruit<br>";

    }

    ?>

</div>

</body>

</html>

OUTPUT:

