**1. Simple Program Using POST Method**

**HTML Form:**

Explain

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Student Information Form</title>

</head>

<body>

<h2>Enter Student Information</h2>

<form action="process\_student.php" method="POST">

<label for="name">Enter Student Name:</label><br>

<input type="text" name="student\_name" required><br><br>

<label for="gr\_no">Enter Student G.R #:</label><br>

<input type="text" name="student\_grno" required><br><br>

<label for="class">Enter Class:</label><br>

<input type="text" name="student\_class" required><br><br>

<label for="section">Enter Section:</label><br>

<input type="text" name="student\_section" required><br><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

**PHP (process\_student.php):**

Explain

<?php

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

$name = $\_POST['student\_name'];

$gr\_no = $\_POST['student\_grno'];

$class = $\_POST['student\_class'];

$section = $\_POST['student\_section'];

echo "<h2>Student Information</h2>";

echo "Student Name: " . $name . "<br>";

echo "Student G.R #: " . $gr\_no . "<br>";

echo "Class: " . $class . "<br>";

echo "Section: " . $section . "<br>";

}

?>

**2. Input Your G.R No and Course Name (GET and POST Method)**

**HTML Form (for POST):**

Explain

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>POST Method</title>

</head>

<body>

<h2>Enter G.R No and Course Name (POST)</h2>

<form action="process\_post.php" method="POST">

<label for="gr\_no">Enter G.R No:</label><br>

<input type="text" name="gr\_no" required><br><br>

<label for="course">Enter Course Name:</label><br>

<input type="text" name="course\_name" required><br><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

**PHP (process\_post.php):**

Explain

<?php

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

$gr\_no = $\_POST['gr\_no'];

$course = $\_POST['course\_name'];

echo "G.R No: " . $gr\_no . "<br>";

echo "Course Name: " . $course . "<br>";

}

?>

**HTML Form (for GET):**

Explain

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>GET Method</title>

</head>

<body>

<h2>Enter G.R No and Course Name (GET)</h2>

<form action="process\_get.php" method="GET">

<label for="gr\_no">Enter G.R No:</label><br>

<input type="text" name="gr\_no" required><br><br>

<label for="course">Enter Course Name:</label><br>

<input type="text" name="course\_name" required><br><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

**PHP (process\_get.php):**

Explain

<?php

if ($\_SERVER['REQUEST\_METHOD'] == 'GET') {

$gr\_no = $\_GET['gr\_no'];

$course = $\_GET['course\_name'];

echo "G.R No: " . $gr\_no . "<br>";

echo "Course Name: " . $course . "<br>";

}

?>

**3. Simple Form with Submit and Reset Buttons**

**HTML Form:**

Explain

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Student Form</title>

</head>

<body>

<h2>Enter G.R No and Name</h2>

<form action="display\_info.php" method="POST">

<label for="gr\_no">Enter G.R No:</label><br>

<input type="text" name="gr\_no" required><br><br>

<label for="name">Enter Name:</label><br>

<input type="text" name="name" required><br><br>

<input type="submit" value="Submit">

<input type="reset" value="Reset">

</form>

</body>

</html>

**PHP (display\_info.php):**

Explain

<?php

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

$gr\_no = $\_POST['gr\_no'];

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

echo "<h2>Student Information</h2>";

echo "G.R No: " . $gr\_no . "<br>";

echo "Name: " . $name . "<br>";

}

?>

**4. Sending Roll Number and Name Using Hyperlinks**

**HTML (page1.php):**

Explain

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Hyperlink Example</title>

</head>

<body>

<h2>Send Roll Number and Name via Hyperlink</h2>

<a href="page2.php?roll\_no=12345&name=JohnDoe">Click here to send Roll No and Name</a>

</body>

</html>

**PHP (page2.php):**

Explain

<?php

if (isset($\_GET['roll\_no']) && isset($\_GET['name'])) {

$roll\_no = $\_GET['roll\_no'];

$name = $\_GET['name'];

echo "Roll No: " . $roll\_no . "<br>";

echo "Name: " . $name . "<br>";

}

?>

**5. Syntax of the action and method Attributes in the Opening <form> Tag**

<form action="target\_page.php" method="POST">

<!-- Form contents -->

</form>

* **action**: Specifies the URL or file where form data will be sent for processing (e.g., action="process.php").
* **method**: Specifies the HTTP method to use when sending form data. Common values are:
  + **GET**: method="GET"
  + **POST**: method="POST"