

7. TRACKING NUMBER OF VISITORS IN WEBSITE

AIM: To create a simple script that increments a counter each time a page is accessed. To track the number of visitors to your website using PHP.

PROCEDURE:

Step 1: Start the Session: At the top of your PHP file, start a session to track page views.

Step 2: Initialize or Increment Page View Counter: Check and Update Page Views: Use a conditional statement to check if the session variable for page views exists. If it does, increment it; if not, initialize it.

Step 3: Display the Page View Count: Output the Page Views: After updating the counter, display the current count of page views.

Step 4: Include the Script in Your Pages: Integrate the Code: Place the above code at the top of any PHP pages you want to track.

Step 5: Test the Functionality: Access the Page: Open the web page in a browser and refresh it multiple times to see the page view count increase accordingly.

Step 6: stop the session.

CODING

```
<?php

session_start();

if(isset($_SESSION['page_view']))
{
    $_SESSION['page_view']++;
}

else
{
    $_SESSION['page_view']=1;
}

echo"page views:".$_SESSION['page_view'];

?>
```

OUTPUT:

RESULT: Thus display the no. of count that visited the website by using the PHP script.

8. DIGITAL CLOCK USING PHP

AIM: To design the digital clock using PHP is to dynamically display the current time on a webpage.

PROCEDURE:

Step 1: Start the session, Create a new file (e.g., digital_clock.php) and open it in a text editor.

Step 2: Set up the basic HTML structure with a <head> and <body> tag.

Step 3: Set the background color to grey using the bgcolor attribute in the <body> tag.

Step 4: Center the content using the <center> tag and add a heading <h1> for "Digital Clock."

Step 5: Use PHP's date_default_timezone_set to set the timezone and date() to display the current time and date.

Step 6: Save the file, run it on a local server, and view the result in a browser.

Step 7: Stop the session.

CODING

```
<html>
```

```
<head>
```

```
<title>Digital Clock</title>
```

```
<br><br><br><br></head>
```

```
<body bgcolor="grey">
```

```
<center>

<h1>Digital Clock</h1>

<h2><b><p>The current time is: </h2></b>

<?php
date_default_timezone_set("Asia/kolkata");
echo date("h:i:s A");
echo "<br>";
echo date("D:M:Y");
?>

</p>

</center>

</body>

</html>
```

OUTPUT:

RESULT: Thus displayed the current time by using PHP script.

9. NUMERICAL OPERATION IN PHP

AIM: Write a simple PHP script to perform the numerical operations.

PROCEDURE:

Step 1: Start the session , Create a new file: Name the file numerical_operation.php and open it in a text editor.

Step 2: HTML structure: Add <html>, <head>, and <body> tags. Set the page title to "numerical operation."

Step 3: Set background: Use the bgcolor="pink" attribute to set the background color to pink.

Step 4: Center content: Use the <center> tag to center the content and add an <h1> heading with "NUMERICAL OPERATION".

Step 5: Declare variables: In the PHP section, define two variables, \$a = 10; and \$b = 5;, to perform operations.

Step 6: Addition: Perform \$sum = \$a + \$b; and display using echo "Addition: \$a + \$b = \$sum";.

Step 7: Other operations: Similarly, perform and display subtraction, multiplication, division, and modulus using echo.

Step 8: Save and run: Save the file, run it on a PHP server, and view the numerical operation results in your browser.

Step 9: Stop the session.

CODING:

```
<html>

<title>numerical operation</title>

<body bgcolor="pink">

<center><br><br>

<h1><b>***NUMERICAL OPERATION***</b></h1><br><br><br>

<?php

$a = 10;

$b = 5;

echo"<br>";

$sum = $a + $b;

echo"<b>";

echo "Addition: $a + $b = $sum\n";
```

```
echo"<br>";

$difference = $a - $b;

echo "Subtraction: $a - $b = $difference\n";

echo"<br>";

$product = $a * $b;

echo "Multiplication: $a * $b = $product\n";

echo"<br>";

$quotient = $a / $b;

echo "Division: $a / $b = $quotient\n";

echo"<br>";

$remainder = $a % $b;

echo "Modulus: $a % $b = $remainder\n";

?>

</center>

</body>

</html>
```

OUTPUT:

RESULT: Thus displayed and performed the numerical operations by using the PHP script.

