Experiment 7

AIM: Develop and demonstratePHP Script for the followingproblems:

- **Write a PHP Scriptto find out the Sum of the Individual Digits.**

- **Write a PHP Scriptto check whetherthe given numberis Palindrome or not**

1. PHP Script to Find the Sum of Individual Digits

```php
<?php
function sumOfDigits($num) {
    $sum = 0;
    while ($num > 0) {
        $sum += $num % 10; // Extract the last digit and add to sum
        $num = (int)($num / 10); // Remove the last digit
    }
    return $sum;
}

// Example usage
$number = 12345;
echo "The sum of digits of $number is: " . sumOfDigits($number);
?>
```

2. PHP Script to Check if a Number is Palindrome

```php
<?php
function isPalindrome($num) {
    $original = $num;
    $reverse = 0;

    while ($num > 0) {
        $digit = $num % 10;  // Extract the last digit
```

```php
        $reverse = ($reverse * 10) + $digit; // Append digit to reverse number
        $num = (int)($num / 10); // Remove the last digit
    }

    if ($original == $reverse) {
        return "$original is a Palindrome number.";
    } else {
        return "$original is not a Palindrome number.";
    }
}

// Example usage
$number = 121;
echo isPalindrome($number);
?>
```