Experiment 8

8. Program on PHP string operations.

Steps:

1.

- a. **String Length**: Uses strlen() to get the length of the string.
- b. Word Count: Uses str_word_count() to count the number of words in the string.
- c. **Uppercase**: Converts the entire string to uppercase using strtoupper().
- d. **Lowercase**: Converts the entire string to lowercase using strtolower().
- e. **First Character Uppercase**: Capitalizes the first character of the string using ucfirst() after converting to lowercase.
- f. **Each Word Uppercase**: Capitalizes the first character of each word using ucwords().
- g. **Position of Substring**: Uses strpos() to find the position of "PHP" in the string.
- h. **Substring**: Uses substr() to extract the first 5 characters of the string.
- i. **String Replacement**: Uses str_replace() to replace "PHP" with "Python" in the string.
- j. **Reversed String**: Uses strrev() to reverse the string.
- k. **Trimmed String**: Initializes a string with extra spaces and uses trim() to remove those spaces.
- I. **Split String into Array**: Uses explode() to split the string into an array based on spaces and prints the result with print r().

2. Function Call:

a. Prints a header and calls the demonstrateStringOperations() function to execute the operations.

Overall, the code showcases various string manipulation functions available in PHP.



PHP String Operations Demo: Original String: Hello, Welcome to PHP Programming! 1. String Length: 34 2. Word Count: 5 3. Uppercase: HELLO, WELCOME TO PHP PROGRAMMING! 4. Lowercase: hello, welcome to php programming! 5. First Character Uppercase: Hello, welcome to php programming! 6. Each Word Uppercase: Hello, Welcome to Php Programming! 7. Position of 'PHP': 18 8. Substring (first 5 chars): Hello 9. Replace 'PHP' with 'Python': Hello, Welcome to Python Programming! 10. Reversed String: 'gnimmargorP PHP ot emocleW, olleH 11. Trimmed String: 'Trimmed String: '12. Split String into Array: Array ([0] => Hello, [1] => Welcome [2] => to [3] => PHP [4] => Programming!)

