

## 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.
  - l. **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.

