GLS University
Faculty of Computer Applications & IT
TYiMSc-IT
Sem-V
Lab Exercises -6 : String Formatting & Date/Time Functions in PHP

Notes: Prepare a php form for user input as required in exercise.

String Functions

Q1. String Length and Reverse
Write a PHP program that accepts a string from the user and:
- Displays its length using strlen()
- Displays the reversed string using strrev()

Q2. Trimming Strings
Write a PHP program that removes:
- All leading spaces using ltrim()
- All trailing spaces using rtrim()
- All spaces from both ends using trim() Display the results for each case.

Q3. Case Conversion
Write a PHP program that accepts a string and:
- Converts it to uppercase using strtoupper()
- Converts it to lowercase using strtolower()
- Capitalizes the first character of each word using ucwords()
- Capitalizes the first character of the string using ucfirst()

Q4. String Split and Word Count
Write a PHP program to:
- Split a string into an array of characters using str_split()
- Count the number of words in a sentence using str_word_count()

Q5. String Search and Replace
Write a PHP program that:
- Finds the position of the word "PHP" in the string "I love PHP programming" using strpos()
- Replaces the word "PHP" with "Python" using str_replace()

Q6. Tokenizing a String

Write a PHP program to tokenize the string:

"Name,Age,Course,Grade"

using strtok() with a comma , as the delimiter, and print each token separately.

Date and Time Functions

Q7. Current Date and Time

Write a PHP program to display:

- The current date in format dd-mm-yyyy using date()
- The current time in format hh:mm:ss using time()

Q8. Creating Dates

Write a PHP program to create a custom date using mktime() and strtotime().

- Example: Create a date for 15th August 2025 at 10:30 am.
- Display it in the format "Friday, 15-Aug-2025 10:30 AM".

Q9. Difference Between Two Dates

Write a PHP program to calculate the number of days left until New Year (1st Jan of next year) using date_diff().

Q10. Get Date Information

Write a PHP program using getdate() to display:

- Current year
- Current month (name)
- Current weekday
- Current day of the month