QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY
NAWABSHAH
DEPARTMENT OF ARTIFICIAL INTELLIGENCE

PROGRAMMING FUNDAMENTALS

Lab Experiment #10

OBJECTIVE:
Explore string manipulation using strip(), lstrip(), and rstrip() functions in Python.

TOOLS REQUIRED:
Personal computer with windows and Python installed

DESCRIPTION:
This lab focuses on three commonly used string manipulation functions in Python: strip(), lstrip(), and rstrip(). The strip() function is used to remove leading and trailing whitespaces from a string. The lstrip() function removes leading whitespaces, and the rstrip() function removes trailing whitespaces.

LAB TASK:

1. Create "lab10_1.py". Write a program that takes a string as input from the user, uses the strip() function to remove any leading or trailing whitespaces, and then prints the modified string.

2. Create "lab10_2.py". Write a program that takes a sentence as input from the user. Use the lstrip() function to remove leading whitespaces and print the modified sentence.

3. Create "lab10_3.py". Write a program that takes a sentence as input from the user. Use the rstrip() function to remove trailing whitespaces and print the modified sentence.

4. Create "lab10_4.py". Initialize a string variable with a sentence containing whitespaces at various positions. Write a program that uses the strip() function to remove all whitespaces from the sentence and prints the modified string.

5. 4. Create "lab10_5.py". Write a Python program that takes user input for a sentence containing underscores. Utilize the lstrip() method to remove these leading characters and display the cleaned sentence.

QUESTIONS:

Q # 1: What is the purpose of the strip() function in Python?

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Q # 2: Can you use the strip() function to remove characters from the middle of a string? Explain.

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Q # 3:How can you use the strip() function to remove a specific character from both ends of a string?

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Name: _____

Roll #: _____

Date: _____

Subject Teacher

Remarks: