



**Aror University of Art, Architecture, Design &
Heritage Sukkur**

Department of AI-Multimedia and Gaming

BS-AI and MMG, Fall 2024 Batch

_____ Lab 07: String and String Functions
Oriented Programming

Course: Object

Date: 25 March, 2025

After performing lab6, students will be able to:

Use Strings and String methods

1. Write a program to input a string from the user and check if it is empty using the **isEmpty()** method. Print "String is empty" or "String is not empty" accordingly.
2. Write a program to input a string from the user and find the index of the first occurrence of the letter 'a' using the **indexOf(String str)** method. Print the index or "-1" if 'a' is not found.
3. Write a program to input 5 strings from the user and store these in an array, Now convert each to uppercase using the **toUpperCase()** method. Print the uppercase string.
4. Write a program to input a string from the user and check if it starts with the word "Hello" using the **startsWith(String prefix)** method. Print "String starts with Hello" or "String does not start with Hello" accordingly.
5. Write a program to input a string from the user and check if it ends with the word "world" using the **endsWith(String suffix)** method. Print "String ends with world" or "String does not end with world" accordingly.
6. Write a program to input a string from the user and check if it contains the word "Java" using the **contains(String str)** method. Print "String contains Java" or "String does not contain Java" accordingly.
7. Write a program to input a string from the user and remove all the spaces from it using the **replace(char oldChar, char newChar)** method. Print the modified string.
8. Write a program to input a string from the user and split it into words using the **split(String regex)** method with a space as the delimiter. Print each word on a new line. And count total words.