

30-Day C Language Learning Plan

Day 14: Strings - Basics

1. String length

2. Concatenate two strings

① A string is just an array of characters ending with a null character

'\0'.

Notes:

ex:- char name[] = "Hello";

② Declaring strings: method ①:-

char str[] = "Hello";

method ②:-

char str[10] = {'H', 'e', 'l', 'l', 'o', '\0'};

Function.

strlen()

strcat()

strcpy()

strcmp()

Purpose

Returns the length of a string

Appends one string to another

copies one string into another

compares 2 strings.

↳ strings in C are arrays of characters ending in '\0'.

↳ use strlen(str) to get the length.

↳ include <string.h> at the top.

① What is string concatenation?

↳ means joining two strings together
to form one longer string.

ex:- str1 = "Hello, "

str2 = "world !"

result = "Hello, world !"