

C LIBRARY FUNCTION - STRLEN

http://www.tutorialspoint.com/c_standard_library/c_function_strlen.htm

Copyright © tutorialspoint.com

Description

The C library function **size_t strlen***const char * str* computes the length of the string **str** up to, but not including the terminating null character.

Declaration

Following is the declaration for strlen function.

```
size_t strlen(const char *str)
```

Parameters

- **str** -- This is the string whose length is to be found.

Return Value

This function returns the length of string.

Example

The following example shows the usage of strlen function.

```
#include <stdio.h>
#include <string.h>

int main ()
{
    char str[50];
    int len;

    strcpy(str, "This is tutorialspoint.com");

    len = strlen(str);
    printf("Length of |%s| is |%d|\n", str, len);

    return(0);
}
```

Let us compile and run the above program that will produce the following result:

```
Length of |This is tutorialspoint.com| is |26|
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```