

## C library function - strlen()

### 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);
}
```

[Live Demo](#)

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

```
Length of |This is tutorialspoint.com| is |26|
```

