String:

Anything enclosed in double quotes(“ “) or a character array.

eg:

“Hello”

Every string will end with a null character ‘\0’

0 1 2 3 4 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| H | e | l | l | o | \0 |

String functions

1. strlen()- returns number of characters in a given string

syntax:

strlen(string variable/string );

1. strcpy()- copies the content of one string to another

syntax:

strcpy(destination string, source string);

1. strcat()-concatenates the content of one string to another

syntax:

strcat(first string, second string);

1. strcmp()-compares the content of two strings and returns 0,+ve or -ve values depending on the content of the given strings

syntax:

strcmp(first string, second string);

for using string functions in our program we need to import file string.h into our program using the preprocessor directive #include

#include<string.h>