

Functions in String

C standard library function provides us with predefined functions which is operated on string

Type	Methods	Description
Char	strcpy(s1, s2)	To Copy string
Char	strcat(s1, s2)	Append string
int	strcmp(s1, s2)	Compare 2 strings
int	strlen(s)	Returns string length
Char	strchr(s, int(c))	find a character in string
Char	strstr(s1, s2)	find string s2 in string s1

strcpy(): It is used to copy one string to another string. The content of second string is copied to first string.

Syntax:-

strcpy(string 1, string 2)

Program

```
char s1[10] = "Hello", s2[10] = "Dear";
strcpy(s1, s2);
printf("The string after copy is :");
```

```
puts (s1);  
}
```

Output

Hello Dear

strcmp(); Used to compare the contents of the two strings.
· If any mismatch occurs then it results the difference of ASCII values between the first occurrence of 2 different characters.

Program :-

```
char s1[10] = "Hello";  
char s2[10] = "Goodbye";  
if (strcmp(s1, s2)  
    printf("Strings are not same");  
else  
    printf("Strings are the same");
```

Output
Strings are not same.

In this it will check ASCII value of H and G i.e. 72, and 71 so it will return the difference 1.