

C library function - strpbrk()

Description

The C library function **char *strpbrk(const char *str1, const char *str2)** finds the first character in the string **str1** that matches any character specified in **str2**. This does not include the terminating null-characters.

Declaration

Following is the declaration for strpbrk() function.

```
char *strpbrk(const char *str1, const char *str2)
```

Parameters

- **str1** – This is the C string to be scanned.
- **str2** – This is the C string containing the characters to match.

Return Value

This function returns a pointer to the character in str1 that matches one of the characters in str2, or NULL if no such character is found.

Example

The following example shows the usage of strpbrk() function.

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

int main () {
    const char str1[] = "abcde2fghi3jk4l";
    const char str2[] = "34";
    char *ret;

    ret = strpbrk(str1, str2);
    if(ret) {
        printf("First matching character: %c\n", *ret);
    } else {
        printf("Character not found");
    }
}
```

[Live Demo](#)

```
return(0);  
}
```

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

```
First matching character: 3
```