

## Description

The C library function **char \*strcat(char \*dest, const char \*src)** appends the string pointed to by **src** to the end of the string pointed to by **dest**.

## Declaration

Following is the declaration for strcat() function.

```
char *strcat(char *dest, const char *src)
```

## Parameters

**dest** -- This is pointer to the destination array, which should contain a C string, and be large enough to contain the concatenated resulting string.

**src** -- This is the string to be appended. This should not overlap destination.

## Return Value

This function return a pointer to the resulting string dest.

## Example

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

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

int main ()
{
    char src[50], dest[50];

    strcpy(src, "This is source");
    strcpy(dest, "This is destination");

    strcat(dest, src);

    printf("Final destination string : |%s|", dest);

    return(0);
}
```