```c
1  #include <stdio.h>
2
3  #define MAX_STRING_LENGTH 512
4
5  int main(void)
6  {
7      //variable declarations
8      char chArray_One[MAX_STRING_LENGTH], chArray_Two[MAX_STRING_LENGTH]; // A
           Character Array Is A String
9
10     //code
11
12     // *** STRING INPUT ***
13     printf("\n\n");
14     printf("Enter First String : \n\n");
15     gets_s(chArray_One, MAX_STRING_LENGTH);
16
17     printf("\n\n");
18     printf("Enter Second String : \n\n");
19     gets_s(chArray_Two, MAX_STRING_LENGTH);
20
21     // *** STRING CONCAT ***
22     printf("\n\n");
23     printf("****** BEFORE CONCATENATION ******");
24     printf("\n\n");
25     printf("The Original First String Entered By You (i.e : 'chArray_One[]') Is :
           \n\n");
26     printf("%s\n", chArray_One);
27
28     printf("\n\n");
29     printf("The Original Second String Entered By You (i.e : 'chArray_Two[]') Is :
           \n\n");
30     printf("%s\n", chArray_Two);
31
32     strcat(chArray_One, chArray_Two);
33
34     printf("\n\n");
35     printf("****** AFTER CONCATENATION ******");
36     printf("\n\n");
37     printf("'chArray_One[]' Is : \n\n");
38     printf("%s\n", chArray_One);
39
40     printf("\n\n");
41     printf("'chArray_Two[]' Is : \n\n");
42     printf("%s\n", chArray_Two);
43
44     return(0);
45 }
46
```