

```
1  #include <stdio.h>
2
3  #define MAX_STRING_LENGTH 512
4
5  int main(void)
6  {
7      //variable declarations
8      char chArray[MAX_STRING_LENGTH]; // A Character Array Is A String
9      int iStringLength = 0;
10
11     //code
12
13     // *** STRING INPUT ***
14     printf("\n\n");
15     printf("Enter A String : \n\n");
16     gets_s(chArray, MAX_STRING_LENGTH);
17
18     // *** STRING OUTPUT ***
19     printf("\n\n");
20     printf("String Entered By You Is : \n\n");
21     printf("%s\n", chArray);
22
23     // *** STRING LENGTH ***
24     printf("\n\n");
25     iStringLength = strlen(chArray);
26     printf("Length Of String Is = %d Characters !!!\n\n", iStringLength);
27
28     return(0);
29 }
30
```