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