

n_sum.c

C p_n.c

C AREA2.c

C VOLUME1.c

C VOLUME2.c

C abc.c > ...

```

1 // Q94: Find the longest word in a sentence.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 I love programming
7 Output 1:
8 programming
9
10 */
11
12 #include <stdio.h>
13
14 int main() {
15     char str[101];
16     char longest[101];
17     int max_len = 0, curr_len = 0, i;
18     scanf("%[^\\n]", str);
19
20     for(i = 0; str[i]; i++) {
21         if(str[i] == ' ' || str[i+1] == '\\0') {
22             if(curr_len > max_len) {
23                 int j;
24                 for(j = 0; j < curr_len; j++)
25                     longest[j] = str[i - curr_len + 1 + j];
26                 longest[curr_len] = '\\0';
27                 max_len = curr_len;
28             }
29             curr_len = 0;
30         } else {
31             curr_len++;
32         }
33     }
34     printf("%s\\n", longest);
35     return 0;
36 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\abc.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

I love programming

rogramming

PS C:\Users\drago\OneDrive\Desktop\C H.W> █

```
C abc.c > ...
1 // Q93: Check if two strings are anagrams of each other.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 listen
7 silent
8 Output 1:
9 Anagrams
10
11 Input 2:
12 hello
13 world
14 Output 2:
15 Not anagrams
16
17 */
18
19 #include <stdio.h>
20 #include <string.h>
21
22 int main() {
23     char s1[101], s2[101];
24     int len1 = 0, len2 = 0, i;
25     scanf("%s %s", s1, s2);
26
27     while(s1[len1]) len1++;
28     while(s2[len2]) len2++;
29
30     if(len1 != len2) {
31         printf("Not anagrams\n");
32         return 0;
33     }
34
35     int count[26] = {0};
36     for(i = 0; i < len1; i++) {
37         if(s1[i] >= 'a' && s1[i] <= 'z') count[s1[i] - 'a']++;
38         if(s2[i] >= 'a' && s2[i] <= 'z') count[s2[i] - 'a']--;
39     }
40
41     for(i = 0; i < 26; i++) {
42         if(count[i] != 0) {
43             printf("Not anagrams\n");
44             return 0;
45         }
46     }
47     printf("Anagrams\n");
48     return 0;
49 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PGRTS

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\abc.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

listen

silent

Anagrams

PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\abc.c

PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe

hello

world

Not anagrams

PS C:\Users\drago\OneDrive\Desktop\C H.W> █