

C abc.c > ...

```
1 // Q84: Convert a lowercase string to uppercase without using built-in functions.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 hello
7 Output 1:
8 HELLO
9
10 */
11
12 #include <stdio.h>
13 int main() {
14     char s[100];
15     scanf("%s", s);
16     for(int i=0; s[i]; i++) {
17         if(s[i]>='a' && s[i]<='z') s[i] -= 32;
18     }
19     printf("%s\n", s);
20     return 0;
21 }
22
```

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

hello

HELLO

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

```
n_sum.c C p_n.c C AREA2.c C VOLUME1.c C VOLUME2.c C V...
```

```
C abcc>...
1 // Q83: Count vowels and consonants in a string.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 hello
7 Output 1:
8 Vowels=2, Consonants=3
9
10 */
11
12 #include <stdio.h>
13 int main() {
14     char s[100];
15     scanf("%s", s);
16     int v=0, c=0;
17     for(int i=0; s[i]; i++) {
18         char ch = s[i];
19         if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u') v++;
20         else if(ch>='a' && ch<='z') c++;
21     }
22     printf("Vowels=%d, Consonants=%d\n", v, c);
23     return 0;
24 }
25
```

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
hello
Vowels=2, Consonants=3
PS C:\Users\drago\OneDrive\Desktop\C H.W>
```