

```

C abc.c > ...
1 // Q98: Print initials of a name with the surname displayed in full.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 John David Doe
7 Output 1:
8 J.D. Doe
9
10 */
11
12 #include <stdio.h>
13
14 int main() {
15     char name[101];
16     int i = 0, last_space = -1;
17     scanf("%[^\\n]", name);
18
19     while(name[i]) {
20         if(name[i] == ' ') last_space = i;
21         i++;
22     }
23
24     i = 0;
25     if(name[0] != ' ')
26         printf("%c.", name[0]);
27
28     while(name[i]) {
29         if(name[i] == ' ' && name[i+1] != ' ' && name[i+1] != '\\0') {
30             printf("%c.", name[i+1]);
31             i++;
32         }
33         i++;
34     }
35
36     if(last_space != -1)
37         printf(" %s\\n", name + last_space + 1);
38     else
39         printf("\\n");
40     return 0;
41 }
42

```

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
John David Doe
J.D.D. Doe
PS C:\Users\drago\OneDrive\Desktop\C H.W>

```

C abc.c &gt; ...

```
1 // Q97: Print the initials of a name.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 John Doe
7 Output 1:
8 J.D.
9
10 */
11
12 #include <stdio.h>
13
14 int main() {
15     char name[101];
16     int i = 0;
17     scanf("%[^\\n]", name);
18     if(name[0] != ' ')
19         printf("%c.", name[0]);
20     while(name[i]) {
21         if(name[i] == ' ' && name[i+1] != ' ' && name[i+1] != '\\0')
22             printf("%c.", name[i+1]);
23         i++;
24     }
25     printf("\\n");
26     return 0;
27 }
28
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; gcc .\abc.c

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; ./a.exe

John Doe

J.D.

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; |