

```
1 #include <stdio.h>
2
3 int main() {
4     char str[200];
5     int i = 0, words = 0;
6
7     printf("Enter a string: ");
8     fgets(str, sizeof(str), stdin);
9
10    // Count words
11    while(str[i] != '\0') {
12        if((str[i] != ' ' && str[i] != '\n') &&
13            (str[i+1] == ' ' || str[i+1] == '\0' || str[i+1] ==
14                '\n')) {
15            words++;
16        }
17        i++;
18    }
```

```
Enter a string: my world
Number of words = 2
==== Code Execution Successful ===
```