

```
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 ===