```c
/**
 * String character and word count
 * Author: Mithusayel Murmu
 */

#include <stdio.h>
#include <string.h>

/**
 * Calculates character and word count for a given string
 * @str:       The string to check
 * @char_cnt:  Pointer to variable to store character count
 * @word_cnt:  Pointer to variable to store word count
 */
void str_stats(const char *str, size_t *char_cnt, size_t *word_cnt) {
    size_t len = strlen(str);
    size_t i, wc;

    wc = len == 0 ? 0 : str[0] == 32 ? 0 : 1;
    for (i = 1; i < len; i++)
        if (str[i] != 32 && str[i-1] == 32)
            wc++;

    *char_cnt = len; *word_cnt = wc;
}

#define BUF_SZ 2048

/** Driver function */
int main(int argc, const char *argv[]) {
    char str[BUF_SZ];
    size_t cc, wc;

    printf("Enter a sentence:\n");
    fgets(str, BUF_SZ, stdin);

    // Remove newline if present
    size_t len = strlen(str);
    if (str[len-1] == '\n') str[len-1] = '\0';

    // Get stats
    str_stats(str, &cc, &wc);
    printf("\nCharacter count: %lu\nWord count: %lu\n", cc, wc);

    return 0;
}
```