```c
/*
    Program to Count Number of Words and Number of Characters in a
                            String
*/

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

main()
{
    char str[20];
    int i=0, word=0, chr=0;

    printf("\nEnter any string: ");
    gets(str);

    while (str[i] != '\0')
    {
        if (str[i] == ' ')
        {
            word++;
                chr++;
        }
        else
            chr++;
        i++;
    }

    printf("\nNumber of characters: %d", chr);
    printf("\nNumber of words: %d", word+1);

    getch();
}
```