

```
1 #include <stdio.h>
2 #include <ctype.h>
3 #include <string.h>
4 int main() {
5     char str[1000];
6     int characters = 0, words = 0, lines = 0;
7     int inWord = 0;
8     printf("Enter your text:\n");
9     while (1) {
10         fgets(str, sizeof(str), stdin);
11         if (strcmp(str, "~\n") == 0)
12             break;
13         lines++;
14         for (int i = 0; str[i] != '\0'; i++) {
15             char ch = str[i];
16             characters++;
17             if (isspace(ch)) {
18                 if (inWord) {
19                     words++;
20                     inWord = 0;
21                 }
22             } else {
23                 inWord = 1;
24             }
25         }
26     }
27     if (inWord)
28         words++;
29     printf("\nTotal number of words : %d\n", words);
30     printf("Total number of lines : %d\n", lines);
31     printf("Total number of characters : %d\n", characters);
32     return 0;
33 }
```

Enter your text:

```
void main()
```

```
{
```

```
int a;
```

```
int b;
```

```
a = b + c;
```

```
c = d * e;
```

```
}
```

```
~
```

Total number of words : 18

Total number of lines : 7

Total number of characters : 52

=== Code Execution Successful ===