```c
1  #include<stdio.h>
2  #define N 1000
3  void main(){
4      char en[N][81];
5      int i,j,num=0,n,state;
6      //num 用来统计单词的个数
7      //state 用来记录程序当前是否处于一个单词之中，初值为0，表示不在单词中，值为1，表示正处于在一个单词中
8
9      printf("Please input the number of lines for English passage:");
10     scanf("%d",&n);   //输入英语短文的行数
11     getchar();     //吸收回车符
12
13     for(i=0;i<n;i++){
14         gets(en[i]);    //输入英语短文
15     }
16     for(i=0;i<n;i++){
17         state=0;   //设每行的开始都是单词的开始
18         for(j=0;en[i][j]!='\0';j++){
19             if(en[i][j]==' '){
20                 state=0;    //判断 en[i][j] 是否为空格字符
21             }
22             else if(state==0){
23                 state=1;
24                 num++;
25             }
26         }
27     }
28     printf("The number of words is %d\n",num);
29 }
```

结果为:

```
C:\DOCUMENTS AND SETTINGS\ADMINISTRATOR\桌面\WRR\4\Debug\

Please input the number of lines for English passage:5
Hello world!
I am RONGRONG WANG!
My English name is Kailugaji!
Let us learn Programming In C together!
Thank you!
The number of words is 20
Press any key to continue
```