

方法1:

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 //大小写字母隔了32位
4 void main() {
5     char ch,t;
6     printf("Please input a letter:\n");
7     ch=getchar();
8     t=getchar(); //吸收回车键
9
10    while((ch<'A' && ch>'z') || (ch<'Z' && ch>'a')){
11        printf("Input error!\nPlease input again:\n");
12        ch=getchar();
13    }
14
15    if(ch & 32)
16        ch=ch & 223; //使第五位为0, 变大写
17    else ch=ch | 32; //使第五位为1, 变小写
18
19    putchar(ch);
20    printf("\n");
21 }
```

方法2:

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 //大小写字母隔了32位
4 void main() {
5     char ch;
6     printf("Please input a letter:\n");
7     scanf("%c",&ch);
8     ch=(ch>='A' && ch<='Z')?(ch+32):((ch>='a' && ch<='z')?(ch-32):printf("Input error!"));
9     printf("%c\n",ch);
10 }
```

结果为:

```
C:\ "C:\Documents and Settings\Administr
Please input a letter:
A
a
Press any key to continue
```

```
C:\ "C:\Documents and Settings\A
Please input a letter:
a
A
Press any key to continue
```

```
C:\ "C:\Documents and Settings\Admin
Please input a letter:
z
Z
Press any key to continue
```

```
C:\ "C:\Documents and Settings\Admin
Please input a letter:
Z
z
Press any key to continue_
```

```
C:\ "C:\Documents and Settings\
Please input a letter:
H
h
Press any key to continue
```