

# 电子信息与工程学院

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## 第一题

### 代码

```
1  #include <iostream>
2  #define CHANGE 0 //define CHANGE 1
3
4  using namespace std;
5
6  int main(void)
7  {
8      char a[100];
9      cin.get(a,100);
10     #if CHANGE
11     for (int i=0;a[i]!='\0';i++)
12     {
13         if(a[i] == 'z')
14             a[i] = 'a';
15         else
16             a[i]+=1;
17     }
18     #endif // CHANGE
19     cout << a;
20     return 0;
21 }
```

### 运行结果截图

```
abczzz
abczzz
Process returned 0 (0x0)   execution time : 3.672 s
Press any key to continue.
```

```
abczzz
bcdaaa
Process returned 0 (0x0)   execution time : 2.981 s
Press any key to continue.
```

## 第二题

### 代码

```
1  #include <iostream>
2  #define LETTER 0
3
4  using namespace std;
5
6  int main(void)
7  {
8      char a[100];
9      cin.get(a,100);
10     #if LETTER
11     for (int i=0;a[i]!='\0' && a[i]>='a' && a[i]<='z';i++)
12     {
13         a[i]-=32;
14     }
15     #else
16     for (int i=0;a[i]!='\0' && a[i]>='A' && a[i]<='Z';i++)
17     {
18         a[i]+=32;
19     }
20     #endif // LETTER
21     cout << a;
22     return 0;
23 }
```

### 运行结果截图

```
ASDASDDFBTYJ
asdassdfbtyj
Process returned 0 (0x0)   execution time : 3.492 s
Press any key to continue.
```

```
zvrhete
ZVRHETE
Process returned 0 (0x0)   execution time : 2.241 s
Press any key to continue.
```