

```
1  #include "reg51.h"
2  sfr P4=0xc0;
3  sfr P4M0=0xB4;
4  sfr P4M1=0xB3;
5  sbit P46=P4^6;
6  sbit P47=P4^7;
7  void main()
8  {
9  int i=0;
10 long int j=0;
11 P4M0=0;
12 P4M1=0;
13 while(1)
14 {
15 for(i=0;i<4;i++)
16 {
17 switch(i)
18 {
19 case 0:
20 {
21 P46=1;
22 P47=1;
23 }
24 break;
25 case 1:
26 {
27 P46=0;
28 P47=1;
29 }
30 break;
31 case 2:
32 {
33 P46=1;
34 P47=0;
35 }
36 break;
37 case 3:
38 {
39 P46=0;
40 P47=0;
41 }
42 break;
43 default : ;
44 }
45 for(j=0;j<222222;j++){;}
46 }
47 }
48 }
```