```c
#include "reg51.h"
sfr P4=0xc0;
sfr P4M0=0xB4;
sfr P4M1=0xB3;
sbit P46=P4^6;
sbit P47=P4^7;
void main()
{
int i=0;
long  int j=0;
   P4M0=0;
   P4M1=0;
   while(1)
   {
    for(i=0;i<4;i++)
      {
        switch(i)
         {
           case 0:
           {
                P46=1;
                P47=1;
           }
              break;
           case 1:
           {
                P46=0;
                P47=1;
           }
              break;
           case 2:
           {
                P46=1;
                P47=0;
           }
              break;
           case 3:
           {
                P46=0;
                P47=0;
           }
              break;
           default :   ;
         }
        for(j=0;j<222222;j++){;}
        }
      }
    }
```