



```
Code:
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```
#include <reg51.h>
void delay(unsigned int t);
sbit out=P2^0;
void main(void)
{
       P1=0xff;
       P2=0X00;
        out=0;
       while(1)
        {
               if(P1>0x99)
               {
                       out=1;
                       delay(100);
       }
                else
                       out=0;
                 delay(100);
       }
}
void delay(unsigned int t)
{
       int i,j;
```

```
for(i=0;i<=t;i++)
for(j=0;j<=1275;j++);
}
```