

```
1  #include "main.h"
2  #include "delay.h"
3  #include "servo.h"
4  #include "uart.h"
5  #include "sensor.h"
6
7  extern int BEARDTIME;
8
9  int main(void)
10 {
11
12     int i = 0, j = 0;
13     //启动
14     SetGreenLed;
15     SetRedLed;
16     #if (UARTON == 1)
17     uart_init();
18     #endif
19     BEARDTIME = 0;
20     while(1)
21     {
22
23         // ServoMove(200,200);
24
25
26         ServoMoveFollowLine();
27
28         if((ReadLeftBeard() == 0) || ReadLeftBeard() == 0)
29         {
30             if(!BEARDTIME)
31             {
32                 ResetRedLed;
33                 ResetGreenLed;
34                 for(i = 0; i < 26; i++) { ServoMove(-250, 250); }
35                 BEARDTIME++;
36                 ServoMove(1, 1);
37                 delay_nms(1000);
38                 delay_nms(1000);
39                 delay_nms(1000);
40                 delay_nms(1000);
41                 delay_nms(1000);
42             }
43         }
44
45
46         if((ReadLeftBeard() == 0) || ReadLeftBeard() == 0)
47         {
48             if(BEARDTIME)
49             {
50                 ResetRedLed;
51                 ResetGreenLed;
52                 for(j = 0; j < 26; j++) { ServoMove(250, -250); }
53                 BEARDTIME=0;
54                 ServoMove(1, 1);
55                 delay_nms(1000);
56                 delay_nms(1000);
57                 delay_nms(1000);
58                 delay_nms(1000);
59                 delay_nms(1000);
60                 BEARDTIME=0;
61             }
62         }
63         return 0;
64     }
65
66
67
```