```
1    /* File Name: bumpColor.ch
2     *
3     * This programs has a linkbot's LED change to the color
4     * red and output "ouch!" once it is bumped.
5     *
6     * Author: Mr. Dagler (cdagler@egusd.net)
7     */
8
9    #include <linkbot.h>
10
11   int main() {
12       CLinkbotI bot;
13       double x, y, z;
14
15       while(abs(x)<0.1 && abs(y)<0.1){
16           bot.getAccelerometerData(x,y,z);
17           bot.delaySeconds(0.1);
18       }
19
20       bot.getLEDColor("red");
21       printf("Ouch!\n");
22
23       return 0;
24   }
25
```