

```
1  const int button1=10;
2  const int button2=9;
3  const int button3=8;
4  const int ir_signal_1=7;
5  const int ir_signal_2=6;
6  int but1state=0;
7  int but2state=0;
8  int but3state=0;
9
10 void setup()
11 {
12     pinMode(button1, INPUT);
13     pinMode(button2, INPUT);
14     pinMode(button3, INPUT);
15     pinMode(ir_signal_1, OUTPUT);
16     pinMode(ir_signal_2, OUTPUT);
17
18 }
19
20 void loop()
21 {
22     but1state=digitalRead(button1);
23     but2state=digitalRead(button2);
24     but3state=digitalRead(button3);
25     if(but1state==HIGH)
26     {
27         digitalWrite(ir_signal_1,HIGH);
28         delay(1000);
29         digitalWrite(ir_signal_1,LOW);
30         digitalWrite(ir_signal_2, HIGH);
31         delay(1000);
32         digitalWrite(ir_signal_2,LOW);
33     }
```

```
34     else if(but2state==HIGH)
35     {
36         digitalWrite(ir_signal_1,HIGH);
37         delay(1000);
38         digitalWrite (ir_signal_1,LOW);
39         delay(100);
40         digitalWrite(ir_signal_1,HIGH);
41         delay(1000);
42         digitalWrite(ir_signal_1,LOW);
43         digitalWrite(ir_signal_2,HIGH);
44         delay(1000);
45         digitalWrite(ir_signal_2,LOW):
46     }
47     else if(but3state==HIGH)
48     {
49         digitalWrite(ir_signal_1,HIGH);
50         delay(1000);
51         digitalWrite (ir_signal_1,LOW);
52         delay (100);
53         digitalWrite (ir_signal_1,HIGH);
54         delay(1000);
55         digitalWrite (ir_signal_1,LOW);
56         delay(100) ;
57         digitalWrite (ir_signal_1,HIGH);
58         delay(1000) ;
59         digitalWrite (ir_signal_1,LOW);
60         digitalWrite (ir_signal_2,HIGH);
61         delay (1000);
62         digitalWrite (ir_signal_2,LOW);
63     }
64     delay(1000);
65     but1state=0;
66     but2state=0;
67     but3state=0;
```

```
68         delay(100);  
69     }  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81
```



Serial Monitor