

```
1 int led = 3;
2 int outPin1 = 5 ;
3 int outPin2 = 6;
4 int outPin4 = 11;
5 int outPin3 = 12;
6 char bt ;
7 void setup()
8 {
9   Serial.begin(9600);
10  pinMode(outPin1,OUTPUT);
11    pinMode(outPin2,OUTPUT);
12    pinMode(outPin3,OUTPUT);
13    pinMode(outPin4,OUTPUT);
14    pinMode(led,OUTPUT);
15
16 }
17 void loop()
18 {
19     if (Serial.available() > 0)
20     {
21         bt = Serial.read();
22         digitalWrite(led,1);
23
24     }
25     if (bt == 'F')
26     {
27         digitalWrite(outPin1,HIGH);
28         digitalWrite(outPin1,LOW);
29         digitalWrite(outPin1,HIGH);
30         digitalWrite(outPin1,LOW);
31
```

```

30         digitalWrite(outPin1,LOW);
31
32     }
33     else if (bt == 'B')
34     {
35         digitalWrite(outPin1,LOW);
36         digitalWrite(outPin2,HIGH);
37         digitalWrite(outPin3,LOW);
38         digitalWrite(outPin4,HIGH);
39
40     }
41     else if (bt == 'S');
42     {
43         digitalWrite(outPin1,LOW);
44         digitalWrite(outPin2,LOW);
45         digitalWrite(outPin3,LOW);
46         digitalWrite(outPin4,LOW);
47
48     }
49     else if (bt == 'R')
50
51     {
52         digitalWrite(outPin1,HIGH);
53         digitalWrite(outPin2,LOW);
54         digitalWrite(outPin3,LOW);
55         digitalWrite(outPin4,LOW);
56     }
57     else if (bt == 'L')
58     {
59         digitalWrite(outPin1,LOW);
60         digitalWrite(outPin2,LOW);

```

## Navigator

## Editor

```
43     digitalWrite(outPin1, LOW);
44     digitalWrite(outPin2, LOW);
45     digitalWrite(outPin3, LOW);
46     digitalWrite(outPin4, LOW);
47
48 }
49 else if (bt == 'R')
50
51 {
52     digitalWrite(outPin1, HIGH);
53     digitalWrite(outPin2, LOW);
54     digitalWrite(outPin3, LOW);
55     digitalWrite(outPin4, LOW);
56 }
57 else if (bt == 'L')
58 {
59     digitalWrite(outPin1, LOW);
60     digitalWrite(outPin2, LOW);
61     digitalWrite(outPin3, HIGH);
62     digitalWrite(outPin4, LOW);
63 }
64 else if (bt == 'G' )
65 {
66     digitalWrite(outPin1, LOW);
67     digitalWrite(outPin2, HIGH);
68     digitalWrite(outPin3, HIGH);
69     digitalWrite(outPin4, LOW);
70 }
71
72 }
73
```