```
1    #include <SoftwareSerial.h>
2    #include <MotorsLib.h>
3
4    MotorsLib motorsLib(13, 8, 12, 11, 9, 10);
5
6    void setup() {
7      // put your setup code here, to run once:
8      pinMode(8, OUTPUT);
9      pinMode(9, OUTPUT);
10     pinMode(10, OUTPUT);
11     pinMode(11, OUTPUT);
12     pinMode(12, OUTPUT);
13     pinMode(13, OUTPUT);
14     Serial.begin(9600);
15     delay(100);
16     motorsLib.PararMotores();
17   }
18
19   void loop() {
20     if(Serial.available())
21     {
22        switch(Serial.read()){
23         case 's':
24           motorsLib.PararMotores();
25           break;
26         case 'w':
27           motorsLib.IrAdelante();
28           break;
29         case 'x':
30           motorsLib.IrAtras();
31           break;
32         case 'd':
33           motorsLib.GirarDerecha();
34           break;
35         case 'a':
36           motorsLib.GirarIzquierda();
37           break;
38         default:
39           break;
40        }
41     }
42   }
```