```
char t;

void setup() {

pinMode(8,OUTPUT);

pinMode(9,OUTPUT);

pinMode(10,OUTPUT);

pinMode(11,OUTPUT);

Serial.begin(9600);

}

void loop() {

 digitalWrite(13,0);

if(Serial.available()){

 t = Serial.read();

 Serial.println(t);

}

if(t == 'f')

{                            //move forward

digitalWrite(8,HIGH);

digitalWrite(9,LOW);

digitalWrite(10,HIGH);

digitalWrite(11,LOW);

}

else if(t == 'b')

{                            //move reverse

 digitalWrite(8,LOW);

 digitalWrite(9,HIGH);
```

```arduino
  digitalWrite(10,LOW);

  digitalWrite(11,HIGH);

}

else if(t == 'l')

{                                   //turn left

  digitalWrite(8,LOW);

  digitalWrite(9,HIGH);

  digitalWrite(10,HIGH);

  digitalWrite(11,LOW);

  delay(300);

  t='s';

}

else if(t == 'r')

{                                   //turn Right

  digitalWrite(8,HIGH);

  digitalWrite(9,LOW);

  digitalWrite(10,LOW);

  digitalWrite(11,HIGH);

  delay(300);

  t='s';

}

else if(t == 's')

{                                   //STOP

  digitalWrite(8,LOW);

  digitalWrite(9,LOW);
```

```
  digitalWrite(10,LOW);

  digitalWrite(11,LOW);

  }

  }
```