

```
int IN1=8;

int IN2=9;

int IN3=10;

int IN4=11;

void setup() {

  // put your setup code here, to run once:

  pinMode(IN1,OUTPUT);

  pinMode(IN2,OUTPUT);

  pinMode(IN3,OUTPUT);

  pinMode(IN4,OUTPUT);

  Serial.begin(9600);

}

void loop() {

  // put your main code here, to run repeatedly:

  digitalWrite(IN1,HIGH);

  digitalWrite(IN2,LOW);

  digitalWrite(IN3,HIGH);

  digitalWrite(IN4,LOW);

  Serial.println("forward");

  delay(3000);

  digitalWrite(IN1,LOW);

  digitalWrite(IN2,LOW);

  digitalWrite(IN3,LOW);

  digitalWrite(IN4,LOW);

  Serial.println("stop");

  delay(300);
```

```
digitalWrite(IN1,LOW);  
digitalWrite(IN2,HIGH);  
digitalWrite(IN3,LOW);  
digitalWrite(IN4,HIGH);  
Serial.println("backward");  
delay(3000);  
digitalWrite(IN1,LOW);  
digitalWrite(IN2,LOW);  
digitalWrite(IN3,LOW);  
digitalWrite(IN4,LOW);  
Serial.println("stop");  
delay(300);  
}
```