const int pwm = 2 ;

const int in\_1 = 8 ;

const int in\_2 = 9 ;

void setup()

{

pinMode(pwm,OUTPUT) ;

pinMode(in\_1,OUTPUT) ;

pinMode(in\_2,OUTPUT) ;

}

void loop()

{

digitalWrite(in\_1,HIGH) ;

digitalWrite(in\_2,LOW) ;

analogWrite(pwm,255) ;

delay(3000) ;

digitalWrite(in\_1,HIGH) ;

digitalWrite(in\_2,HIGH) ;

delay(1000) ;

digitalWrite(in\_1,LOW) ;

digitalWrite(in\_2,HIGH) ;

delay(3000) ;

digitalWrite(in\_1,HIGH) ;

digitalWrite(in\_2,HIGH) ;

delay(1000) ;

}