```
// Define the pins connected to L298N
const int enablePin = 9;
const int in1Pin = 8;
const int in2Pin = 7;
void setup() {
// Set the control pins as outputs
pinMode(enablePin, OUTPUT);
pinMode(in1Pin, OUTPUT);
pinMode(in2Pin, OUTPUT);
// Initialize serial communication for debugging
Serial.begin(9600);
}
void loop() {
// Set the motor direction (clockwise)
digitalWrite(in1Pin, HIGH);
digitalWrite(in2Pin, LOW);
// Run the motor at full speed for 60 seconds
for (int i = 0; i \le 255; i++) {
 analogWrite(enablePin, i);
 delay(235); // Adjust delay for approximately 60 seconds of run time
}
```

```
// Reverse the motor direction (counter-clockwise)
digitalWrite(in1Pin, LOW);
digitalWrite(in2Pin, HIGH);

// Run the motor at full speed for another 60 seconds
for (int i = 0; i <= 255; i++) {
    analogWrite(enablePin, i);
    delay(235); // Adjust delay for approximately 60 seconds of run time
}</pre>
```