


```
1  const int MOTOR_PIN_1 = 7;
2  const int MOTOR_PIN_2 = 6;
3
4  [-] void setup() {
5      pinMode(MOTOR_PIN_1, OUTPUT); //declaration of I/O pins
6      pinMode(MOTOR_PIN_2, OUTPUT);
7
8      moveGateUp();                // Lift the barrier.
9      delay(3000);                 // Wait a bit...
10     moveGateDown();              // Lower the barrier.
11 }
12 [+] void loop() {
13 [+] void stopTheGate(){
14 [-] void moveGateUp() {
15     digitalWrite(MOTOR_PIN_1, HIGH);
16     digitalWrite(MOTOR_PIN_2, LOW);
17     delay(1000);
18     stopTheGate();
19 }
20 [+] void moveGateDown() {
```

1.2 Questions:

1. What is the time for raising and lowering the barrier? Compare it to your colleague's value.
2. What is the disadvantage of time controlled loop?

1.3 Summary

1.3.1 <++>

<++>

1.4 Issues:

1.4.1 <++>

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