# 사물인터넷 9주차 과제

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```
#define MOTOR_PIN1 8
#define MOTOR_PIN2 9
#define BUTTON 4

void setup() {
  pinMode(MOTOR_PIN1, OUTPUT);
  pinMode(MOTOR_PIN2, OUTPUT);
  pinMode(BUTTON, INPUT);
}
void loop() {

        if ( digitalRead( BUTTON ) == HIGH ) {
                digitalWrite(MOTOR_PIN1, HIGH);
                digitalWrite(MOTOR_PIN2, LOW);
                delay(1000);
        } else {
                digitalWrite(MOTOR_PIN1, LOW);
                digitalWrite(MOTOR_PIN2, HIGH);
                delay(1000);
        }
}
```