리니어모터 코드(<https://youtu.be/0wYp7rd4IIo?si=TUebyvtmO57TrgTa>)

| #define BUTTON 2 // the number of the pushbutton pin |
| --- |
|  | #define RELAY 3 // the number of the relay pin |
|  |  |
|  | // variables will change: |
|  | int buttonState = 0; // variable for reading the pushbutton status |
|  |  |
|  | void setup() { |
|  | // initialize the LED pin as an output: |
|  | pinMode(RELAY, OUTPUT); |
|  | // initialize the pushbutton pin as an input: |
|  | pinMode(BUTTON, INPUT\_PULLUP); |
|  | } |
|  |  |
|  | void loop() { |
|  | // read the state of the pushbutton value: |
|  | buttonState = digitalRead(BUTTON); |
|  |  |
|  | // check if the pushbutton is pressed. |
|  | if (buttonState == HIGH) { |
|  | // turn LED on: |
|  | digitalWrite(RELAY, HIGH); |
|  | } else { |
|  | // turn LED off: |
|  | digitalWrite(RELAY, LOW); |
|  | } |
|  | } |