



## Arduino - HW2

임베디드스쿨1기

Lv1과정

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김인겸

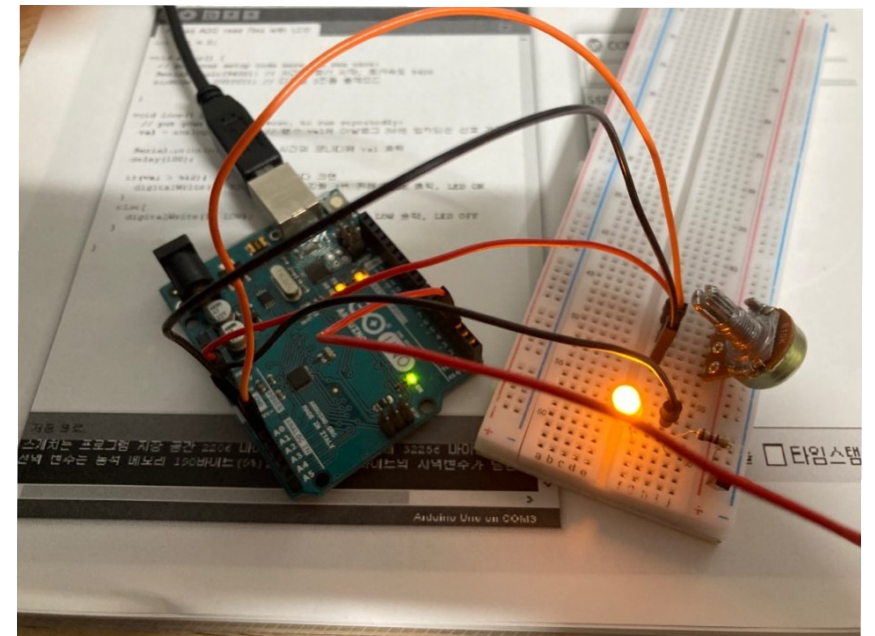
```
int val = 0;

void setup() {
  // put your setup code here, to run once:
  Serial.begin(9600);
  pinMode(3, OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  val = analogRead(A0);

  Serial.println(val);
  delay(100);

  if(val > 512){
    digitalWrite(3, HIGH);
  }
  else{
    digitalWrite(3, LOW);
  }
}
```



## 6. Arduino LED PWM Control with Potentiometer

---

```
int val = 0;

void setup() {
  // put your setup code here, to run once:
  Serial.begin(9600);
  pinMode(3, OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  val = analogRead(A0);

  Serial.println(val);
  delay(100);

  analogWrite(3, val);
}
```

# 6. Arduino LED PWM Control with Potentiometer

