

JUSTERBART LYS

```
int ledPin = 3;
int potPin = A0;

void setup() {
    // setup pin modes
    pinMode(ledPin, OUTPUT);
    pinMode(potPin, INPUT);
}

void loop() {
    // read the value of the pot, divide it by 4, and store it as potValue
    int potValue = analogRead(potPin) / 4;

    // turn led on with the value of potValue
    analogWrite(ledPin, potValue);
}
```