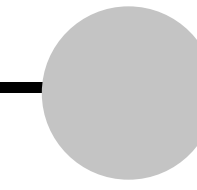
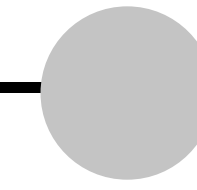
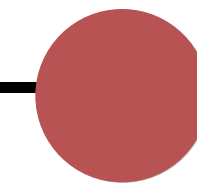
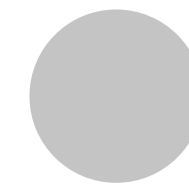


Lectures

Source code

Testing

Quiz



If you only need to measure up to 5V, you can skip the voltage dividers and connect the probes directly to GND and A1. You'll have to modify the code a bit:

In the **arduino** code, replace:

```
ADMUX =  B00000000;      // select external reference and port 5 (A0)
```

with:

```
ADMUX =  B01000000;      // select internal reference (Vcc - 5V) and port 5 (A0)
```

In the **processing** code, replace:

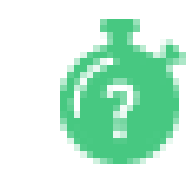
```
// read switch position & set voltage range
boolean switch1=((buffer[writeIndex*2]&(byte)8)==8);
boolean switch2=((buffer[writeIndex*2]&(byte)4)==4);
if (!switch1&&!switch2) voltageRange=20;
if (!switch1&&switch2) voltageRange=10;
if (switch1&&!switch2) voltageRange=6.64;
if (switch1&&switch2) voltageRange=5;
```

COPY

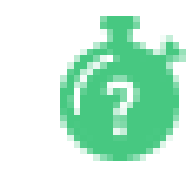
with:

```
voltageRange=5;
```

LESSON 1



Intro to IoT



Source code



Equipment we needed



QUIZ 1

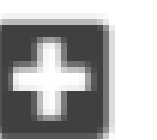
LESSON 2



LESSON 3



LESSON 4



LESSON 5



LESSON 6

