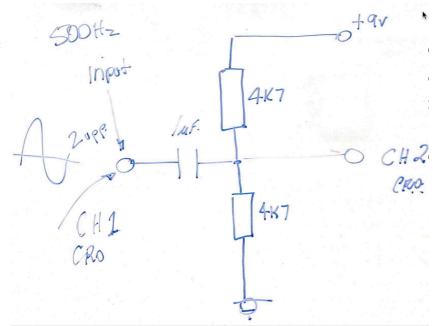
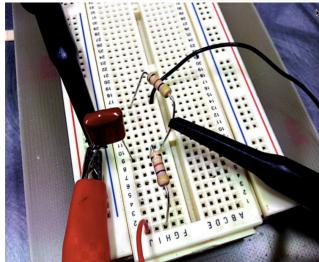
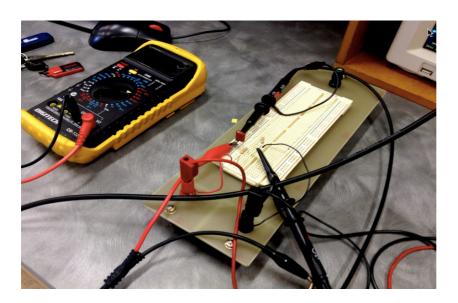
Examine the circuit shown and you will construct this on a breadboard for this lab.



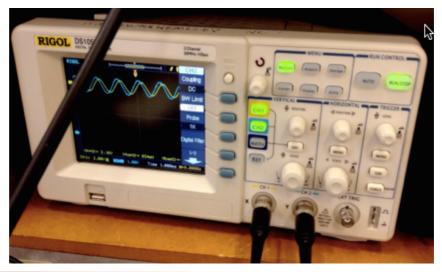


Take note how the parts are fitted in the breadboard.

Two  $4.7k\Omega$  resistors and the capacitor.



Rigol Oscilloscope





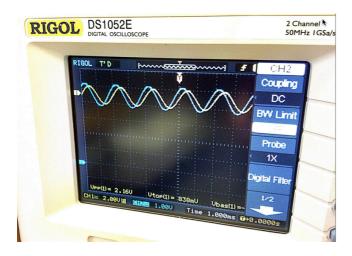
Nolder function generator



Newer function generator

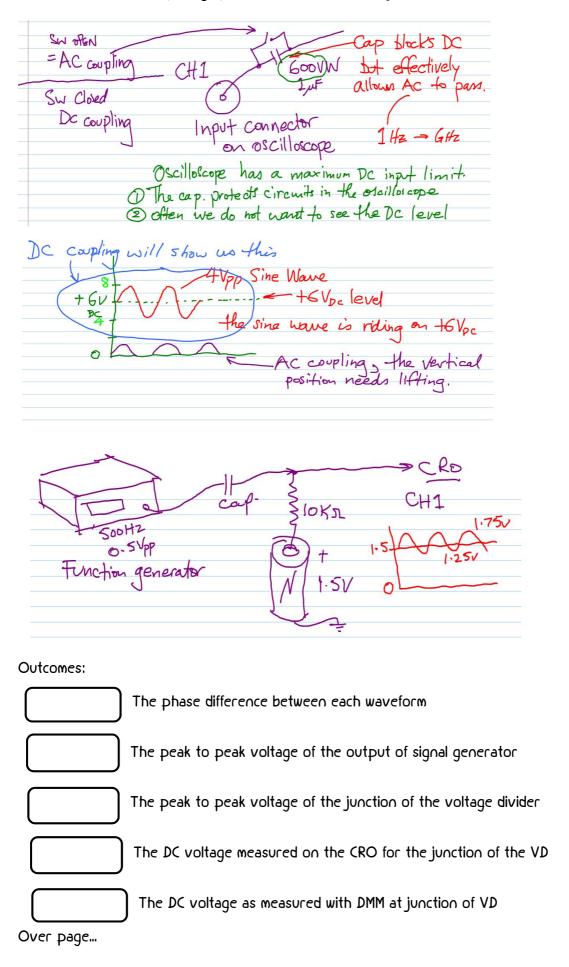
older analogue oscilloscope.

The oscillocope is easier to read than the



In the graphical explanation overpage, the idea of the Oscilloscope DC AC

Lab 1, AC circuits...Frequency, phase and DC level shifting.



Lab 1, AC circuits...Frequency, phase and DC level shifting.

Why is the AC waveform a different voltage on each side of the blocking capacitor?

What do you know about Capacitive reactance and it's possible cause for this effect? Please read about this and do some calculations.

The Power supply positive and the ground are both virtual grounds for AC. see below.

