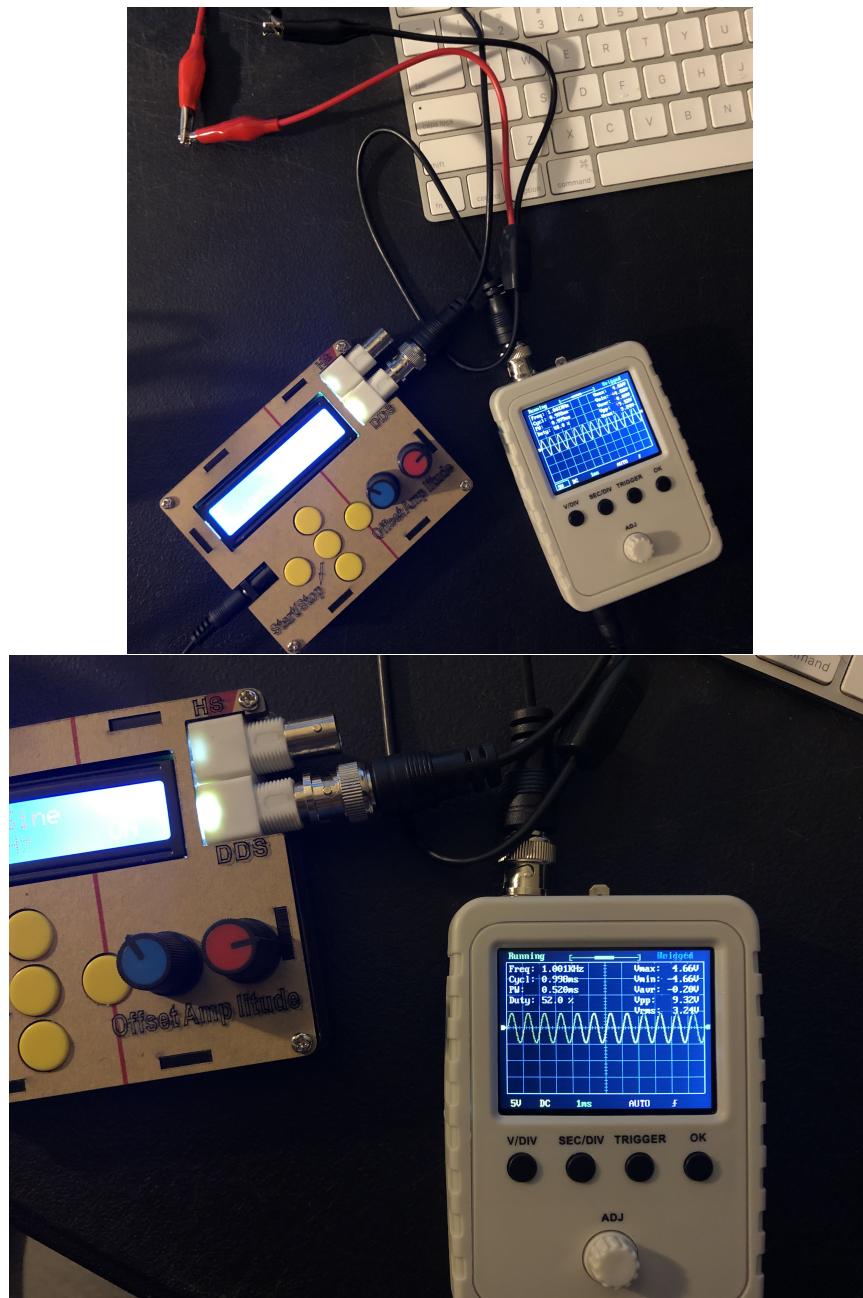


Lab 3 Oscilloscope

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1. The oscilloscope and function generator

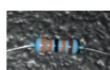


2. The resistor and capacitor organization

Labels in italics, values in bold								Capacitors
Resistors (correction in red font color)								
brown black black black gold	green brown black black	red black black red	10	510	20k	104	0.1 u	
red red black gold	blue gray black black	yellow purple black red	22	680	47k	154	0.15 u	
yellow violet black gold	brown black black brown	green brown black red	47	1k	51k	224	0.22 u	
brown black black black	red black black brown	blue gray black red	100	2k	68k	334	0.33 u	
brown green black black	red red black brown	brown black black orange	150	2.2k	100k	474	0.47u	
red black black black	orange orange black brown	red red black orange	200	3.3k	220k	684	0.68u	
red red black black	yellow purple black brown	orange black black orange	220	4.7k	300k	105	1 u	
red violet black black	green brown black brown	yellow purple black orange	270	5.1k	470k	225	2.2 u	
orange orange black black	blue gray black brown	blue gray black orange	330	6.8k	680k	475	4.7 u	
yellow violet black black	brown black black red	brown black black yellow	470	10k	1M	106	10 u	



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red violet black black	green brown black brown	yellow purple black orange	270	5.1k	470k	225	2.2 u	
orange orange black black	blue gray black brown	blue gray black orange	330	6.8k	680k	475	4.7 u	
yellow violet black black	brown black black red	brown black black yellow	470	10k	1M	106	10 u	



- **47kΩ:** Yellow, purple, black, red for both resistors.
- **300kΩ:** Orange, orange, black, orange for only resistor not matching.