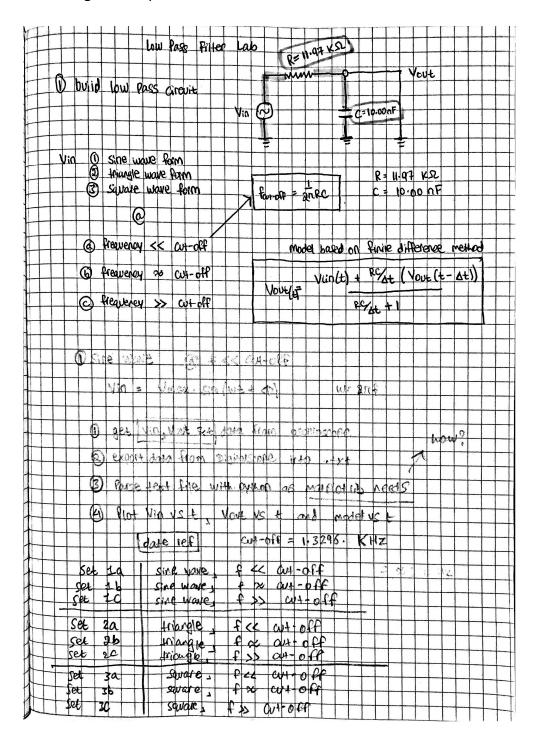
## Leoul Gezu

Progress Report: Low Pass RC lab

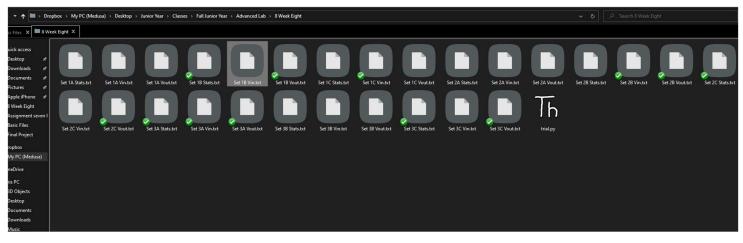


Data set names for organization and some theory for reference

## Data taken from oscilloscope

Туре	View Help Value		
Frequency	103.41 Hz		
Period	9.670 ms		
Vavg	-42.3 uv		
Vpp	3.68 mv		
Vrms	1.22 mv		
Vmin	-1.92 mv		
Vmax	1.76 mv		
Rise Time	2.670 ms		
Fall Time	2.690 ms		
Pos.PulseWidth			
Neg.PulseWidth			
Pos.Duty	50 %		
Neg.Duty	50 %		
Vamp	3.44 mv		
Vtop	1.68 mv		
Vbase	-1.76 mv		
Vover	2.33 %		
Vpre	4.65 % 820.0 us		
Vtoptime Vbasetime	1.050 ms		
	3.200 ms		
Vfallwidth			
CMean	-70.7 uv		
VCrms	1.25 mv		
Slew rate	1.08 uv/us		

File	Edit	Format	View	Help		
NO.		Time			Volta	age
1		-16.00	ms		4.88	mv
2		-15.99	ms		4.88	mv
3		-15.98	ms		4.88	mv
4		-15.97	ms		4.88	mv
5		-15.96	ms		4.96	mv
6		-15.95	ms		4.88	mv
7		-15.94	ms		4.88	mv
8		-15.93	ms		4.96	mv
9		-15.92	ms		4.96	mv
10		-15.91	ms		4.88	mv
11		-15.90	ms		4.88	mv
12		-15.89	ms		4.96	mv
13		-15.88	ms		4.96	mv
14		-15.87	ms		4.80	mv
15		-15.86	ms		4.80	mv
16		-15.85	ms		4.88	mv
17		-15.84	ms		4.88	mv
18		-15.83	ms		4.88	mv
19		-15.82	ms		4.72	mv
20		-15.81	ms		4.88	mv
21		-15.80			4.80	mv
22		-15.79			4.88	mv
23		-15.78	ms		4.80	mv
24		-15.77	ms		4.80	mv
25		-15.76	ms		4.80	mv
26		-15.75	ms		4.72	mv
27		-15.74	ms		4.80	mv
28		-15.73	ms		4.88	
29		-15.72	ms		4.72	mv
30		-15.71	ms		4.72	mv
31		-15.70	ms		4.72	mv



Experimentation with the code and matplotlib + first successfully constructed plot from file

