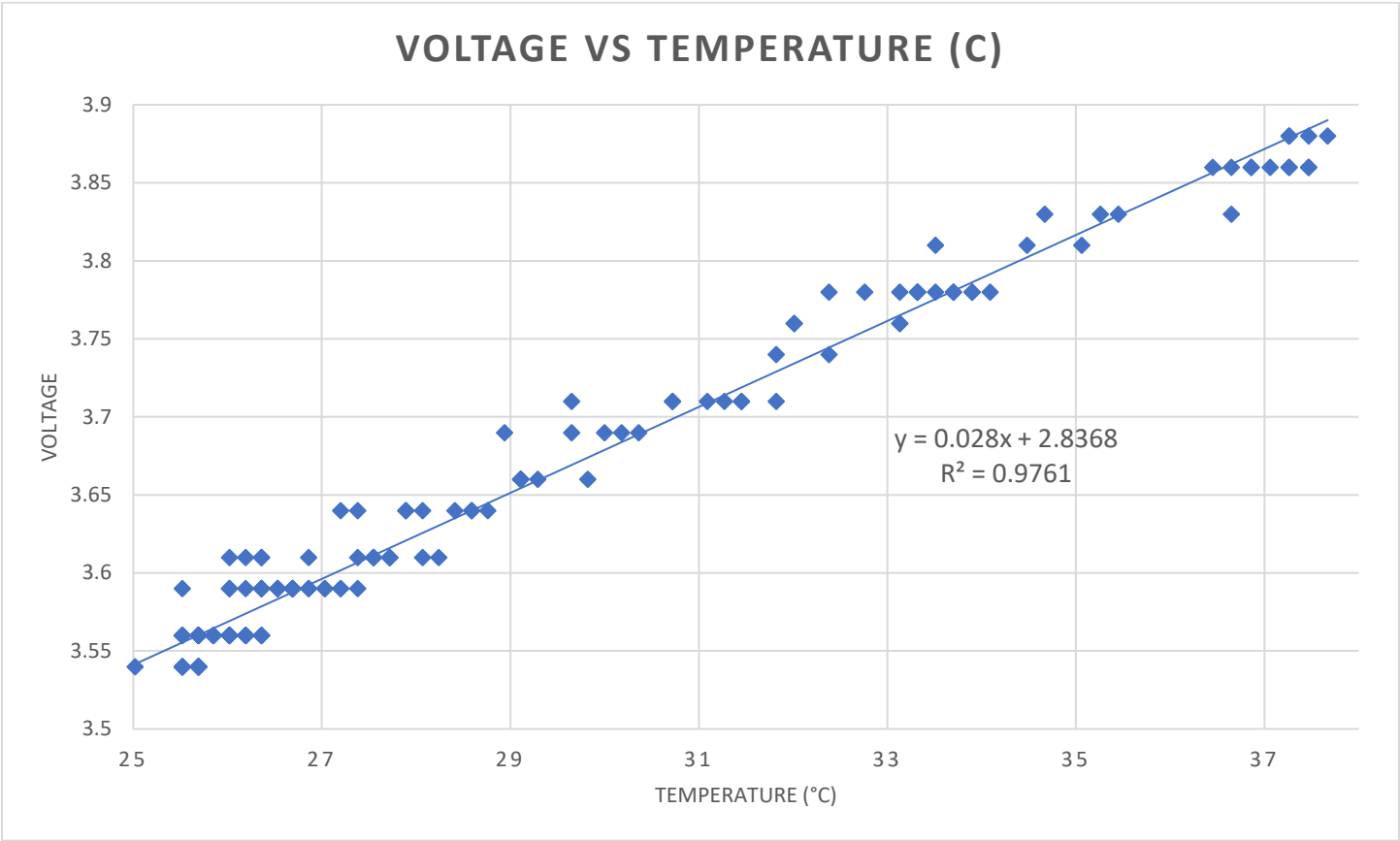


Lab 5: Voltage Sensing

Lee Phonthongsy



Lab 5 Serial Monitor Results

Temp (C)	Voltage	Runtime
34.48	3.81	1640
33.7	3.78	1003172
33.13	3.76	2004848
35.06	3.81	3006536
35.26	3.83	4008220
36.65	3.83	5009884
36.86	3.86	6011548
37.26	3.86	7013208
36.86	3.86	8014884
37.26	3.88	9016548
37.06	3.86	10018200
36.65	3.86	11019908
37.26	3.88	12021612
37.26	3.86	13023332
37.67	3.88	14025040
37.47	3.86	15026756
37.47	3.88	16028460
37.47	3.86	17030180

36.45	3.86	18031892
35.45	3.83	19033612
34.67	3.83	20035340
33.9	3.78	21037072
33.13	3.78	22038796
32.38	3.78	23040524
31.82	3.71	24042244
31.27	3.71	25043996
30.72	3.71	26045724
30.36	3.69	27047452
30	3.69	28049156
29.65	3.71	29050904
29.11	3.66	30052628
29.11	3.66	31054356
28.76	3.64	32056076
28.59	3.64	33057812
28.24	3.61	34059532
28.07	3.64	35061256
27.89	3.64	36062976
27.72	3.61	37064716
27.72	3.61	38066444
27.55	3.61	39068172
27.38	3.64	40069900
27.38	3.59	41071628
27.2	3.59	42073340
27.2	3.64	43075064
27.03	3.59	44076780
26.69	3.59	45078508
26.86	3.61	46080228
26.69	3.59	47081936
26.69	3.59	48083648
26.53	3.59	49085376
26.36	3.56	50087108
26.36	3.56	51088820
26.19	3.56	52090548
26.53	3.59	53092280
26.19	3.56	54094020
26.36	3.61	55095732
26.19	3.56	62107868
26.02	3.59	63109572
26.02	3.59	64111284
26.02	3.56	65113000
25.85	3.56	66114728
26.02	3.61	67116440
26.02	3.56	68118148
26.02	3.56	69119864
26.02	3.56	70121588
25.85	3.56	71123304

26.02	3.56	72125012
25.85	3.56	73126724
25.85	3.56	74128456
25.69	3.56	93161084
25.69	3.54	94162812
25.69	3.54	95164540
25.52	3.56	96166260
25.69	3.56	97167980
25.52	3.54	98169692
25.69	3.54	99171428
25.52	3.54	100173140
25.69	3.54	101174900
25.52	3.56	102176668
25.52	3.59	103178444
25.52	3.54	104180204
25.52	3.56	118204916
25.69	3.54	132229620
25.69	3.56	133231372
25.69	3.56	134233148
25.69	3.54	135234908
25.69	3.54	136236668
25.69	3.56	137238436
25.69	3.56	138240204
25.69	3.54	139241964
25.69	3.54	140243724
25.69	3.54	141245500
25.69	3.56	142247260
25.52	3.54	143249020
25.52	3.56	144250788
25.52	3.54	145252556
25.02	3.54	267467836
29.29	3.66	268469612
31.45	3.71	269471388
33.32	3.78	270473164
32.01	3.76	271474936
32.01	3.76	272476704
33.7	3.78	273478464
33.32	3.78	274480244
33.13	3.76	275482012
33.51	3.81	276483784
33.9	3.78	277485552
33.32	3.78	278487332
34.09	3.78	279489092
33.51	3.78	280490852
32.76	3.78	281492644
32.38	3.74	282494420
31.82	3.74	283496188
31.45	3.71	284497980

31.09	3.71	285499752
30.72	3.71	286501524
30.18	3.69	287503308
29.82	3.66	288505084
29.65	3.69	289506852
29.11	3.66	290508616
28.94	3.69	291510404
28.59	3.64	292512172
28.41	3.64	293513932
28.07	3.61	294515708
27.89	3.64	295517480
27.72	3.61	296519252
27.55	3.61	297521032
27.55	3.61	298522820
27.38	3.61	299524588
27.2	3.59	300526352
27.03	3.59	301528124
26.86	3.59	302529880
26.86	3.59	303531640
26.69	3.59	304533412
26.69	3.59	305535176
26.36	3.59	306536940
26.53	3.59	307538700
26.36	3.59	308540484
26.36	3.61	309542248
26.36	3.59	310544012
26.36	3.56	311545780
26.19	3.56	312547556
26.19	3.59	313549324
26.19	3.61	314551088
26.19	3.56	315552876
26.02	3.56	316554628
25.85	3.56	317556384
26.02	3.56	318558152