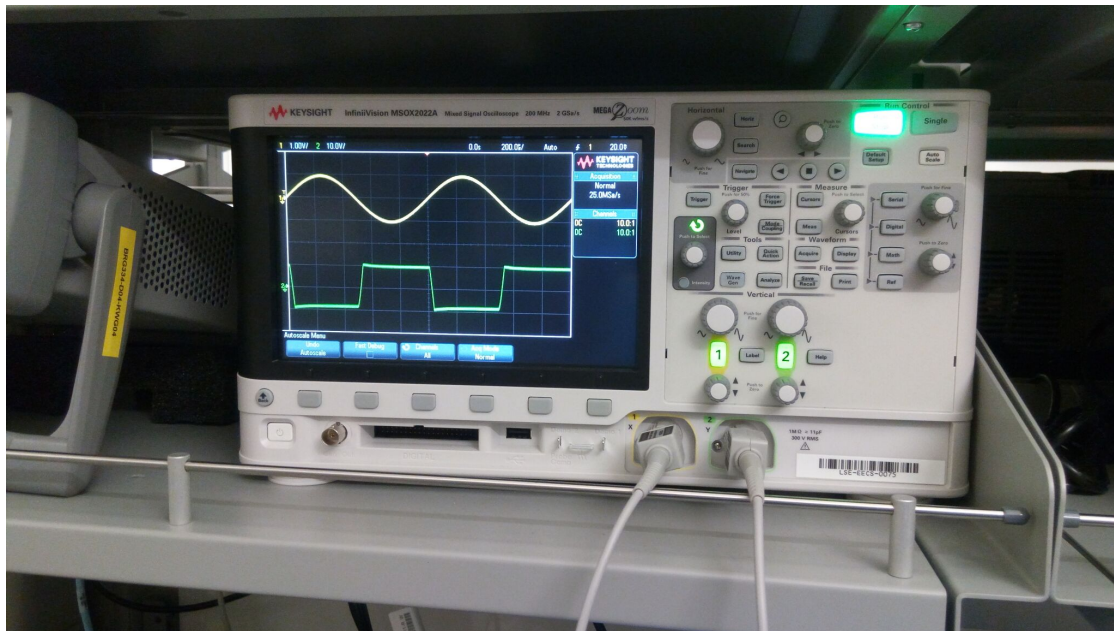


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1 a)

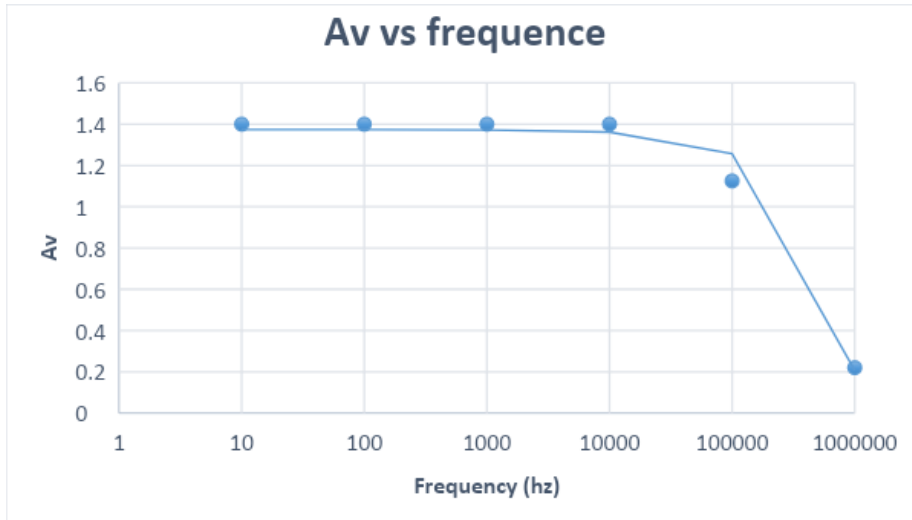


b)

Frequency (Hz)	Av
1	
10	1.4
100	1.4
1,000	1.4
10,000	1.4
100,000	1.125
1,000,000	0.22

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Video

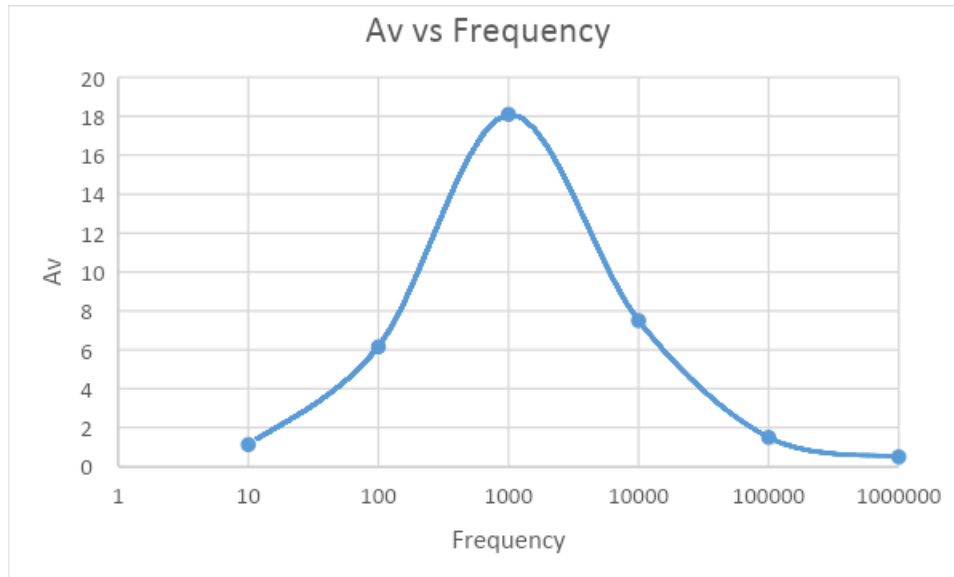
<https://youtu.be/LRkvhke1e18>

c)

Frequency (Hz)	$A_v$
1	
10	1.13
100	6.15
1,000	18.1
10,000	7.5
100,000	1.5
1,000,000	0.5

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Video

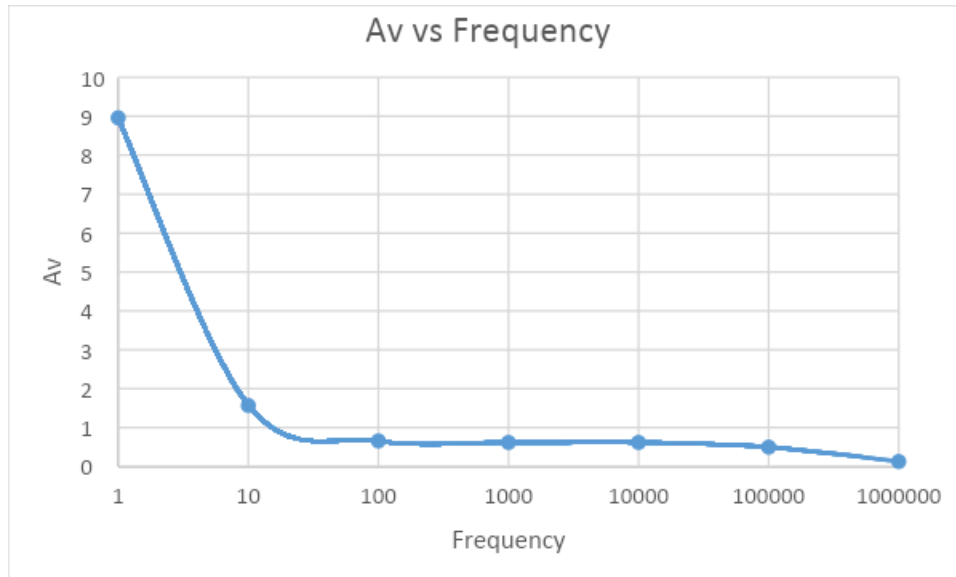
<https://youtu.be/qcNiTppMhJI>

d)

Frequency (Hz)	Av
1	8.96
10	1.57
100	0.66
1,000	0.62
10,000	0.62
100,000	0.5
1,000,000	0.13

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Video

<https://youtu.be/WBsAnjY0rJg>

Our results were as expected, the waveforms matched what was shown in the pre-lab presentation. This lab showed us about the potential uses of the Op Amp and the various effects of different impedances.