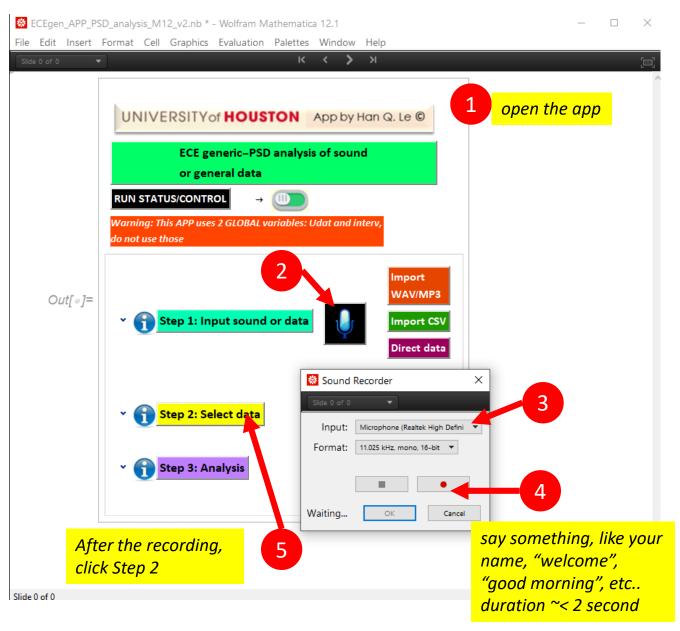
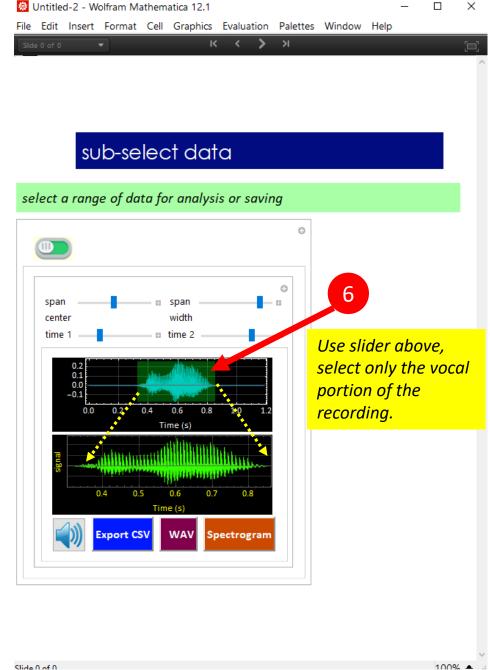
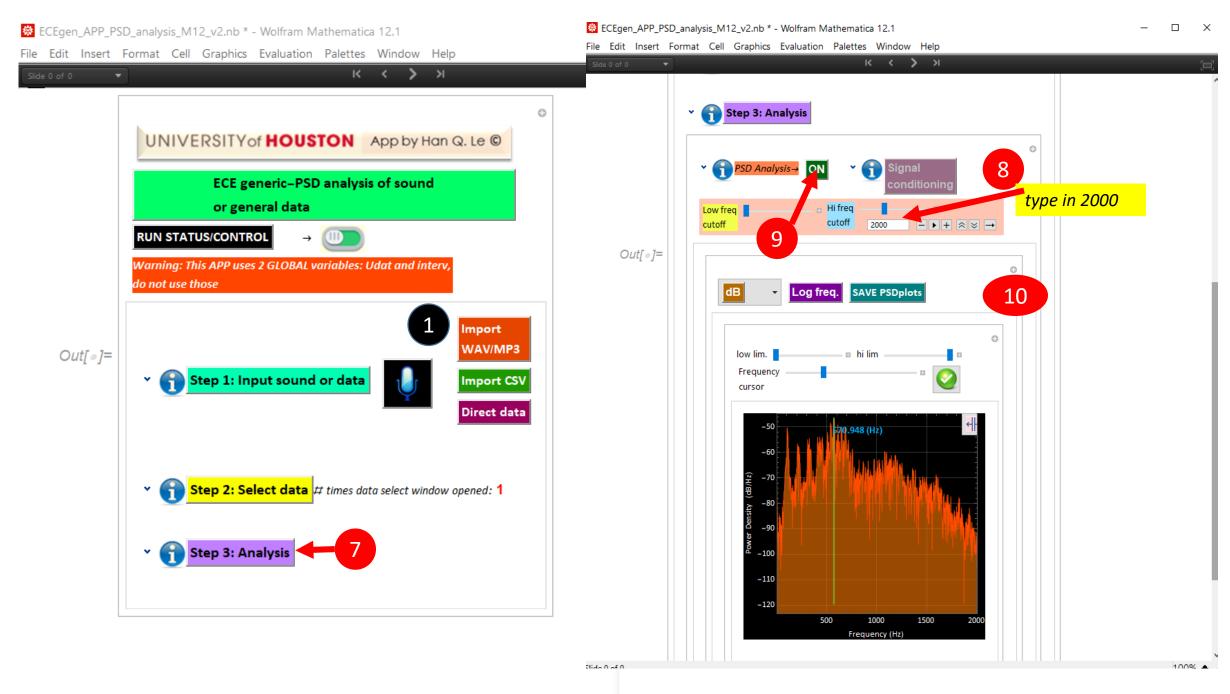
## Homework 5

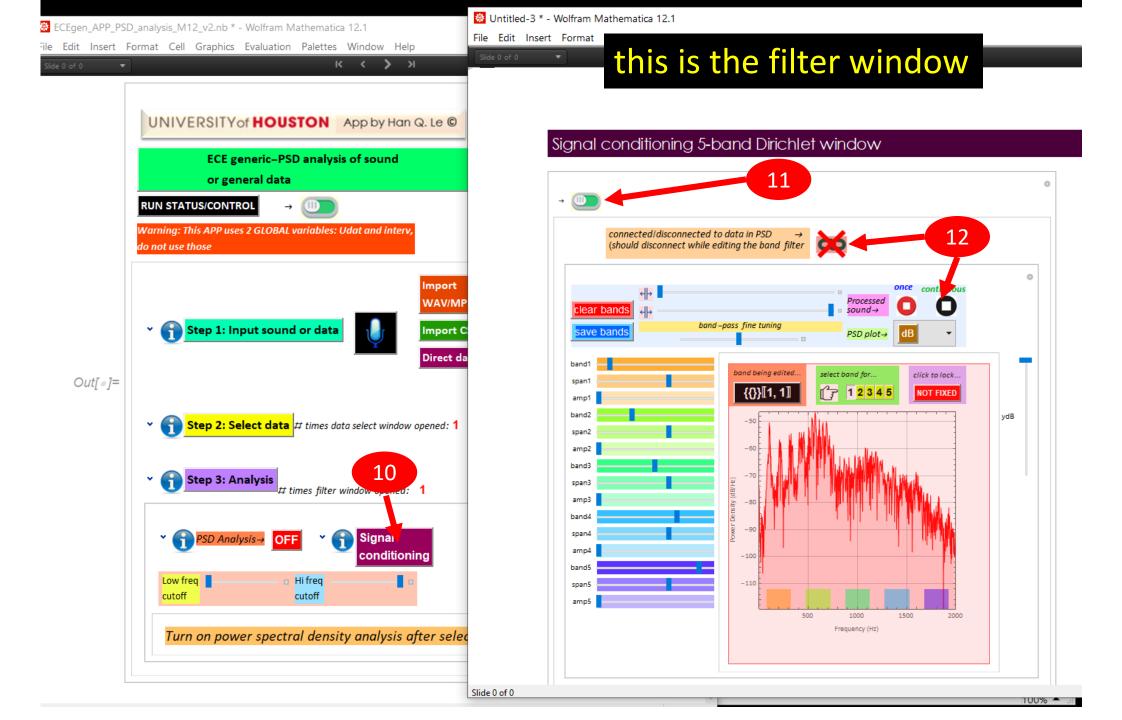
Follow instruction in the follow. Save your sound data and put in a report of what you do and what you interprete. In the conclusion, discuss your thought about spectral distortion: what you do is to apply a function (filter) to the Fourier spectrum of you recorded sound. If the function is not a constant throughout the whole frequency range, the sound output will be distorted.

This is similar to light in fiber. Each spectral component of light signal experiences different fiber propagation effect, hence, the light signal is distorted.









In the follow, if the sound filter window freezes and is not responsive, no need to restart or make new recording. Just close the filter window, restart from step 8 and 9.





