EN.520.680 Speech and Auditory Processing by Humans and Machines
Homework 4

Due: April 8th

The vowel "e" in the word "Rex" has higher energy localized around 700 Hz and 1700 Hz. Using this knowledge write a simple program that thresholds the energy around these frequencies to recognize the word "Rex" and prints "Rex is here!" when it does so. Record yourself saying "Rex" and "Roox", repeating each word 10 times and show your results. (**Points:** 50)