BİL735 Speech Recognition:
Assignment 1,
Data Capture and Feature Computation
1 March 2017

You will write a program to capture speech and endpoint it.

Write a program to capture speech data. It must include the following:

- Actual speech capture. The captured speech signals must have 16-bit resolution and be captured at a sampling rate of 16000 samples per second. If you're one of the unfortunates stuck with working on a Mac, you may use a sampling rate of 44100 instead.
- Endpointing, with hit-to-talk. Recording must begin at a keyboard hit, and stop automatically when end of speech is detected. You may use one of the endpointing schemes mentioned in internet sources to find the trailing endpoint, or any other method you may come up with.
- The endpointed segment must be written to file in mswav or raw pcm format.

Due: 7 March 2017.