

```
1 % plots DFT (real part) graphs for waves of a given durration and frequency
2 % plots more than one graph at once
3 % called H graphs because sometimes they look like an H
4 %INPUT:
5 % vec: a vector of frequencies in hz
6 % durr: the durration of test audio vectors to create in seconds
7 function y = plot_H_graphs(vec,durr)
8
9     for i=1:length(vec)
10         temp = snd(vec(i), 44*1024, durr)/2048;
11         y(:,i) = real(fft(temp))';
12     end
13     plot(y);
```