[y, Fs, nbits] = wavread('C:\Documents and Settings\student\Desktop\daffyduck2.wav')

n=length(y)-1

sound(y,Fs)

t=0:(1/Fs):(n/Fs)

subplot(3,1,1)

plot(t,y)

xlabel('time')

ylabel('amplitude')

title('original sound')

sound(y,(2\*Fs))

t1=0:(1/(2\*Fs)):(n/(2\*Fs))

subplot(3,1,2)

plot(t1,y)

xlabel('time')

ylabel('amplitude')

title('compressed sound')

sound(y,(0.5\*Fs))

t2=0:(2/Fs):((2\*n)/Fs)

subplot(3,1,3)

plot(t2,y)

xlabel('time')

ylabel('amplitude')

title('expanded sound')