```
clear all
close all
clc
Fs = 48000;
delay = 1000;
X5 =wgn(1,Fs/2,1);
X6 = [zeros(1,delay) X5];
t = [0:1/Fs:200/Fs];
Frq1=14000;
Frq2=16000;

Chirp_signal=chirp(t,Frq1,1,Frq2);
Chirp_delayed = [zeros(1,200) Chirp_signal zeros(1,1800)];
Chirp_signal = [Chirp_signal zeros(1,2000)];
soundsc(Chirp_signal,Fs)
figure,
plot(Chirp_signal)

for i=1:length(Chirp_signal),
    Chirp_signalfix(:,i) = Chirp_signal(:,i)/5;
end

% load('NOIZE')
soundsc(Chirp_signalfix,Fs)

Chirphex = mydec2hex(Chirp_signalfix);

fid=fopen('Sig_chirpfinal.hex', 'w');
for i=1:length(Chirphex),
    fprintf(fid, '%s,\n', Chirphex{i});
end
fprintf(fid, '%s\n', Chirphex{end});   % Uden ","-tegn
fclose(fid)

soundsc(Chirp_delayed,Fs)

for i=1:length(Chirp_delayed),
    Chirp_delayedfix(:,i) = Chirp_delayed(:,i)/5;
end

% load('NOIZE')
soundsc(Chirp_delayedfix,Fs)

ChirpDhex = mydec2hex(Chirp_delayedfix);

fid=fopen('Sig_chirpD.hex', 'w');
for i=1:length(ChirpDhex),
    fprintf(fid, '%s,\n', ChirpDhex{i});
end
fprintf(fid, '%s\n', ChirpDhex{end});   % Uden ","-tegn
fclose(fid)
```