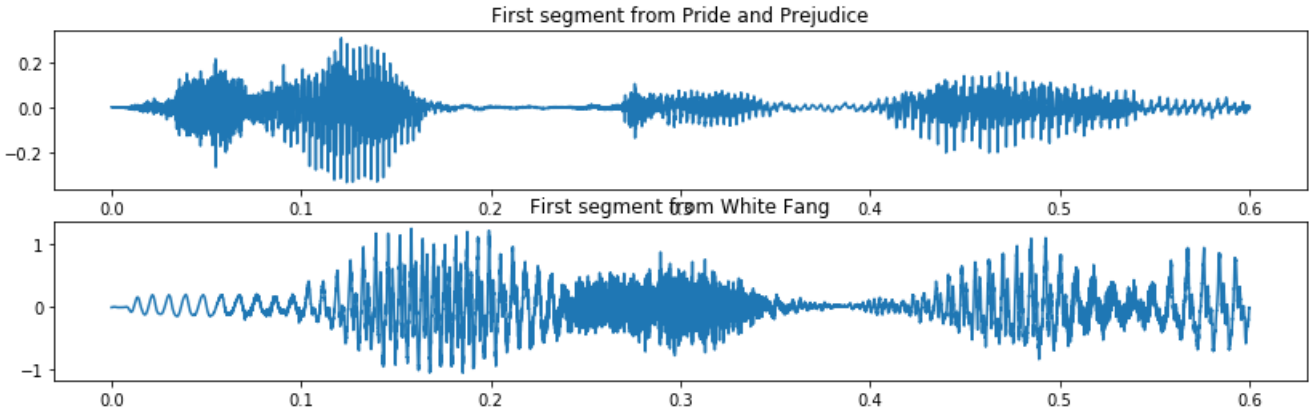
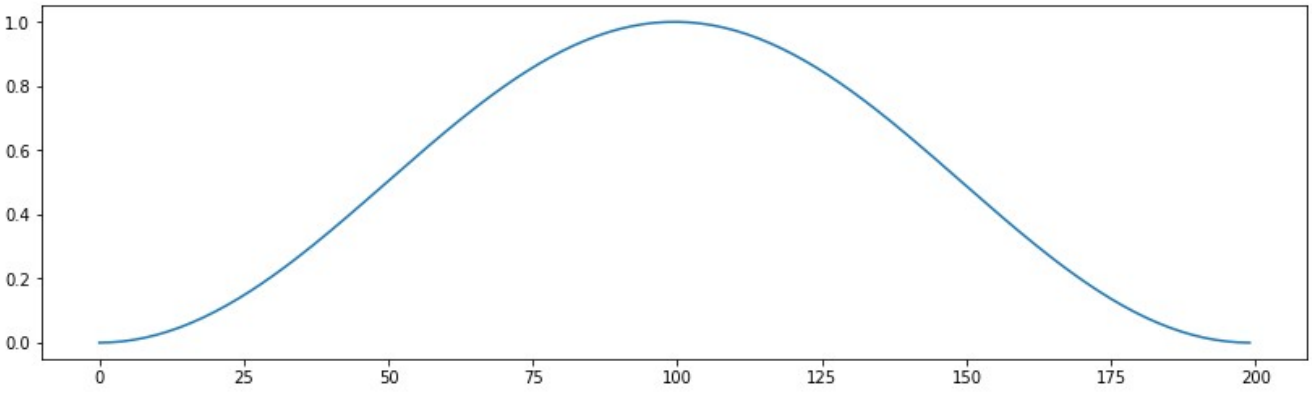
runfile('/home/tdh5188/workspace/comp596/Convnet-Music-Classification/test_soundfile.py',
wdir='/home/tdh5188/workspace/comp596/Convnet-Music-Classification')
plotting waveform

getting input files from web
preprocessing songs
plotting

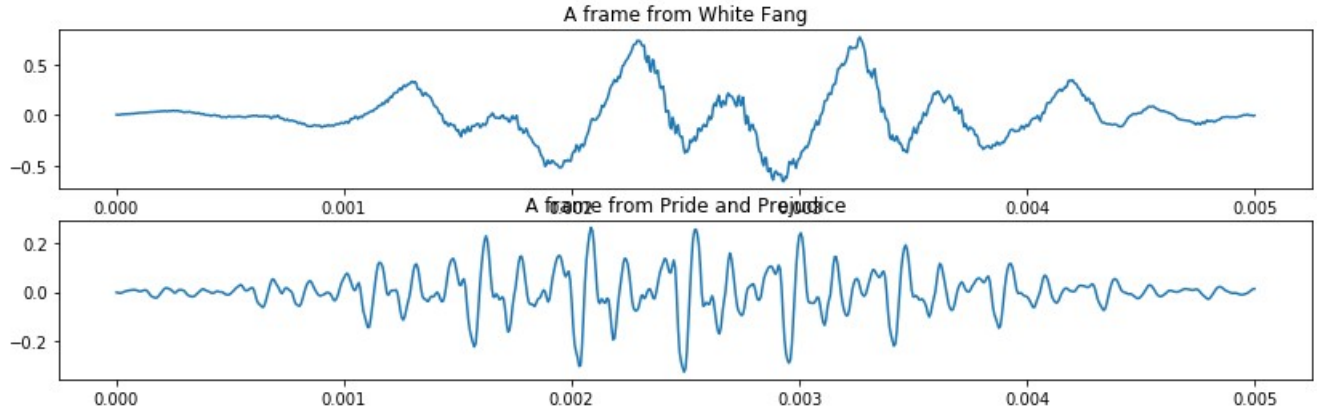


CREATING A SPECTROGRAM

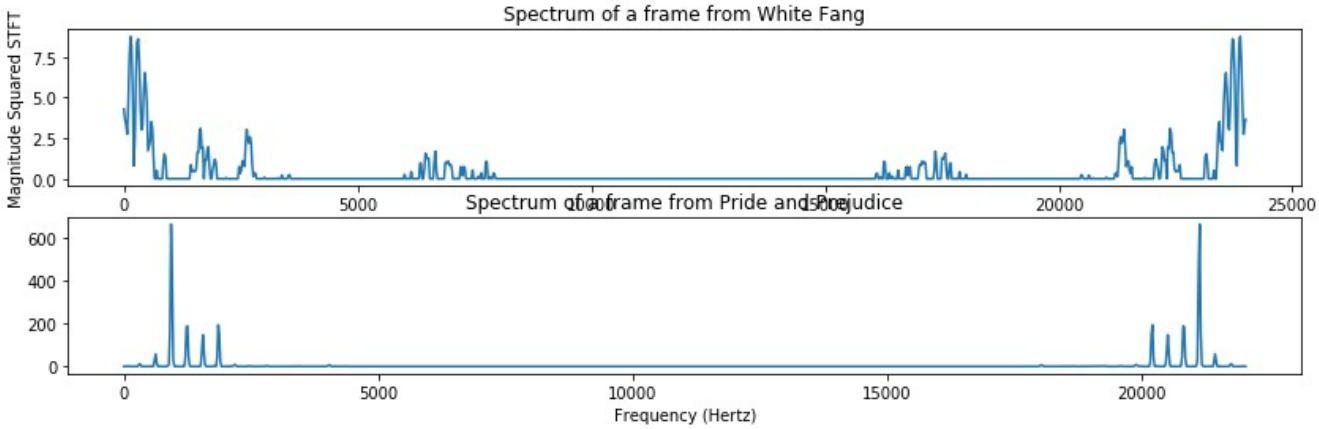
1) Enframe the audio
defining function enframe



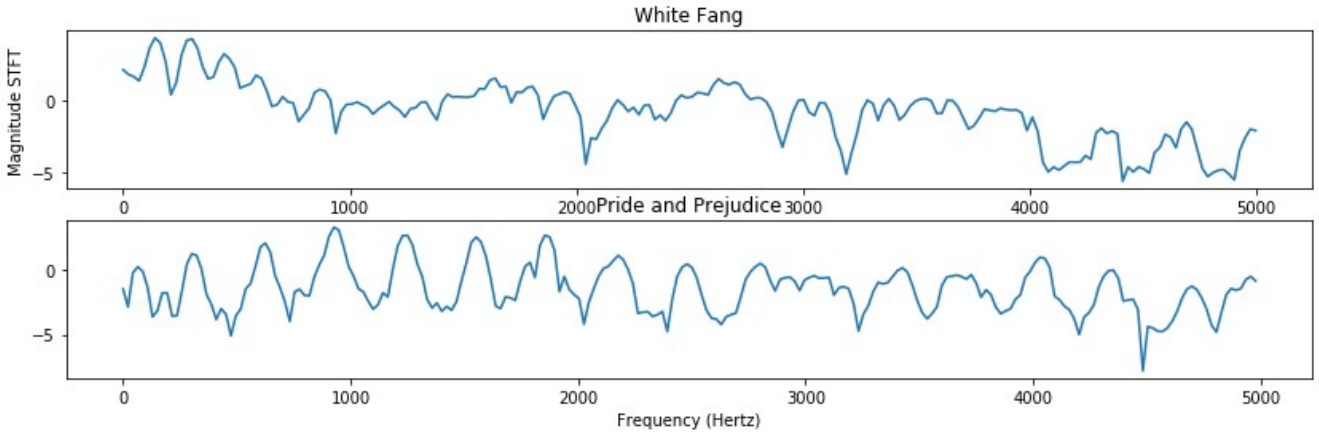
plotting frame 12 of each song



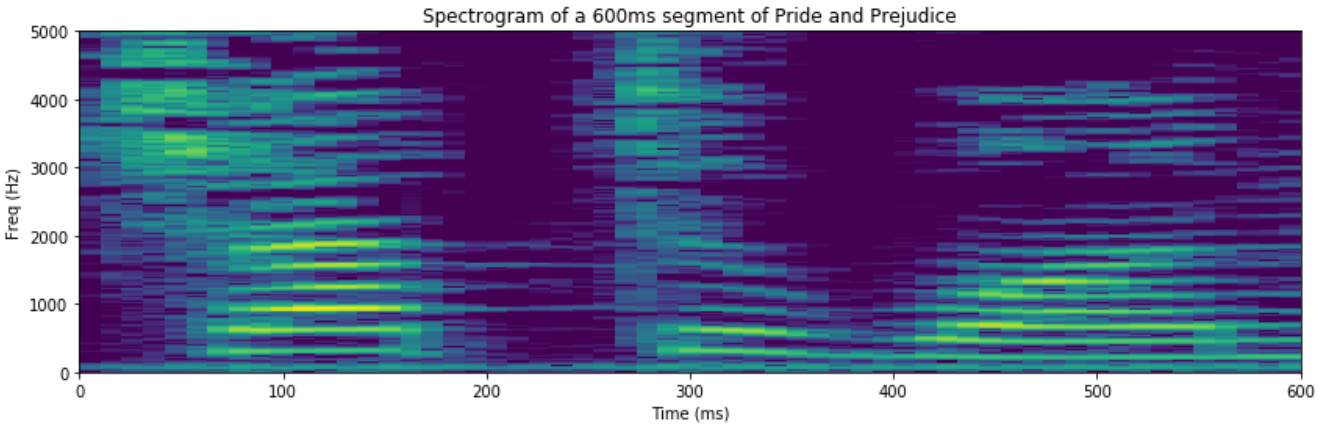
2) Create STFT from the frames
defining function stft
testing function



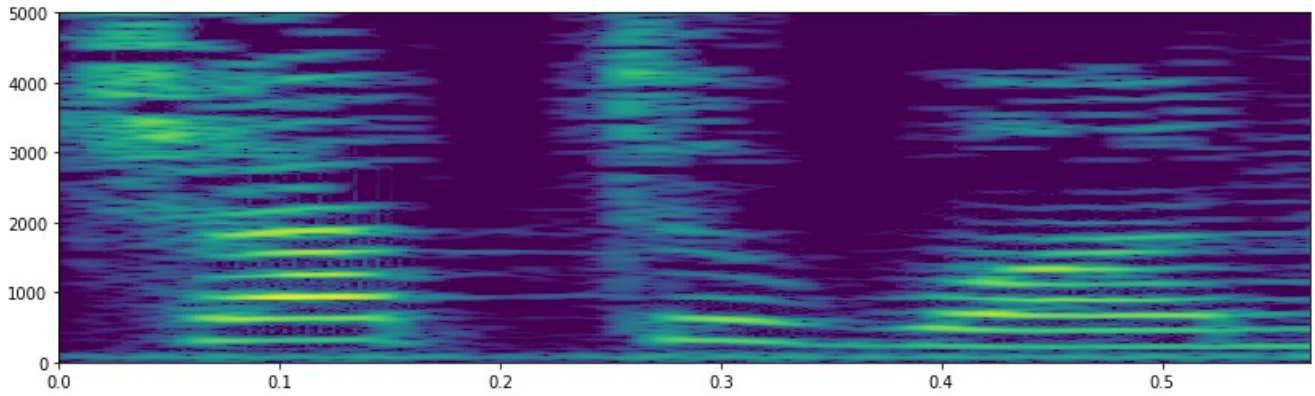
preprocessing on plots



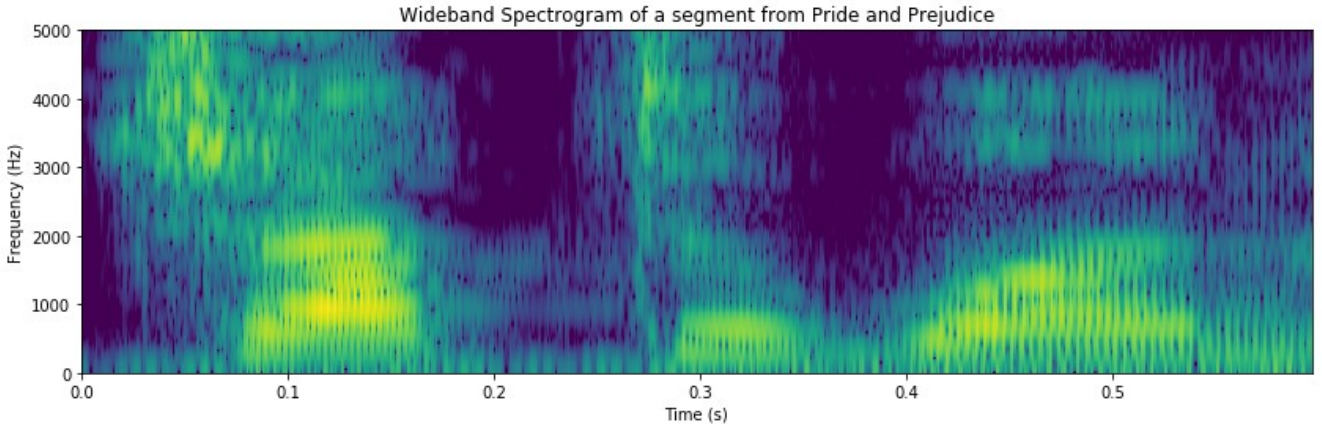
3) Compute Level
defining function stft2level
testing function
22050



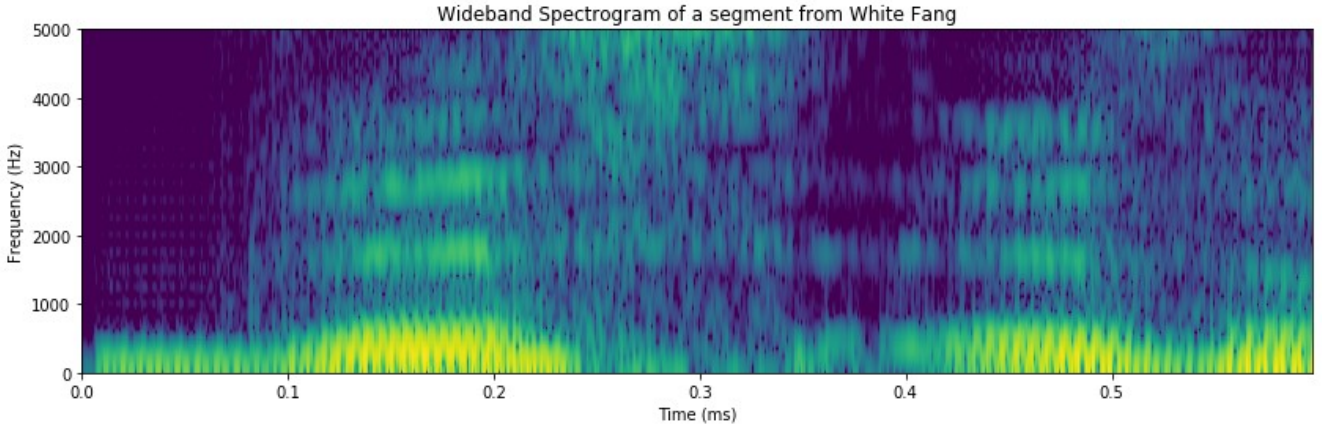
Spectrogram Function
defining function sgram
computing same spectrogram as above



Wideband/Narrowband spectrogram
wideband spectrogram for "Pride and Prejudice"



wideband spectrogram for "White Fang"



narrowband spectrogram for "White Fang"