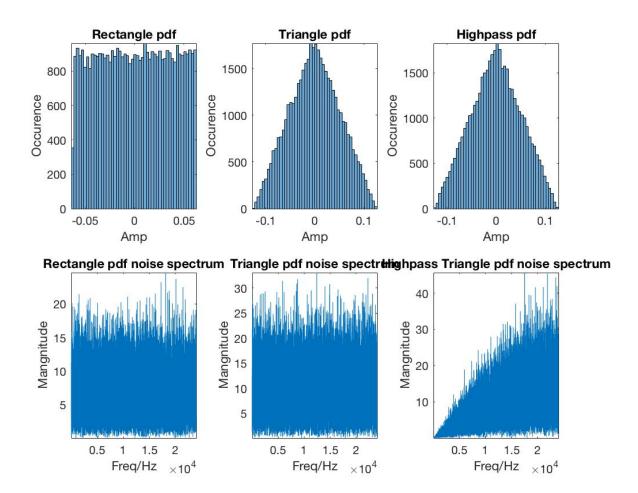
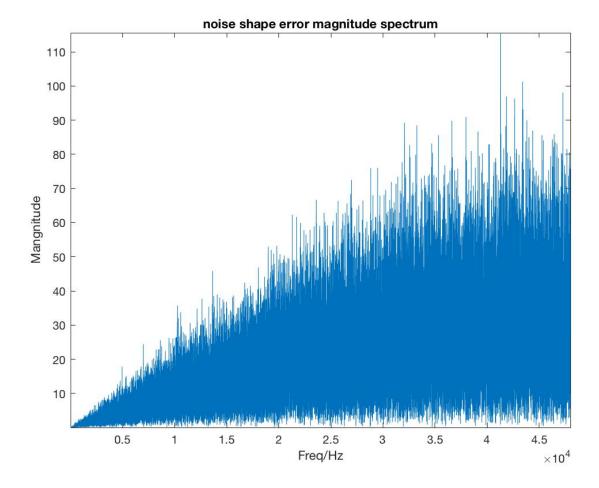
Disscusion

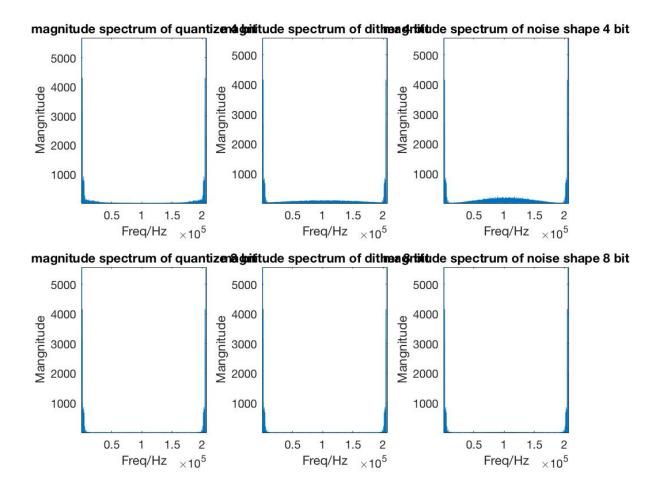
Question 1



Question 3



Question 4



Discussion

the sound of quantize souds very annoying, a lot of high frequency content and ear-piercing, the sound of dithering kind of reveal the nature of the flute timbre, which I clearly heard the added noise but also I can recognize the sound of flute. The sound of noise shaping is like improving the result of dithering, I can hear the change of the frequency of the noise is moved toward high frequency which makes it less audible. 8 bit word length has much better quality than 4 bit word length.