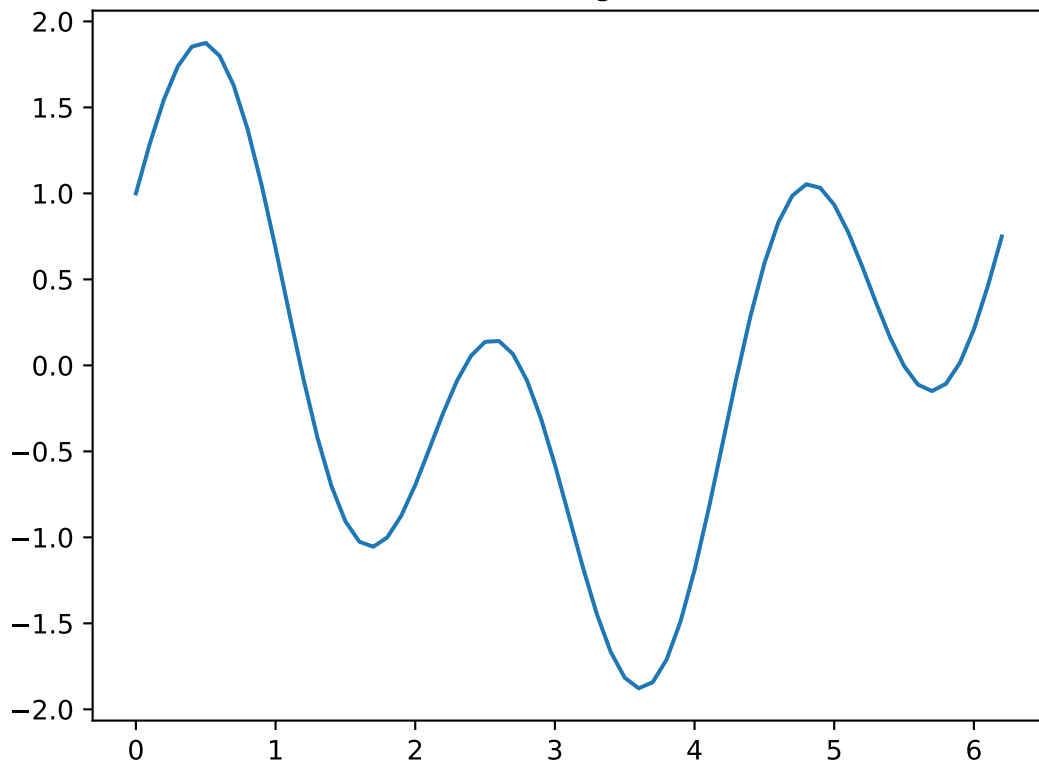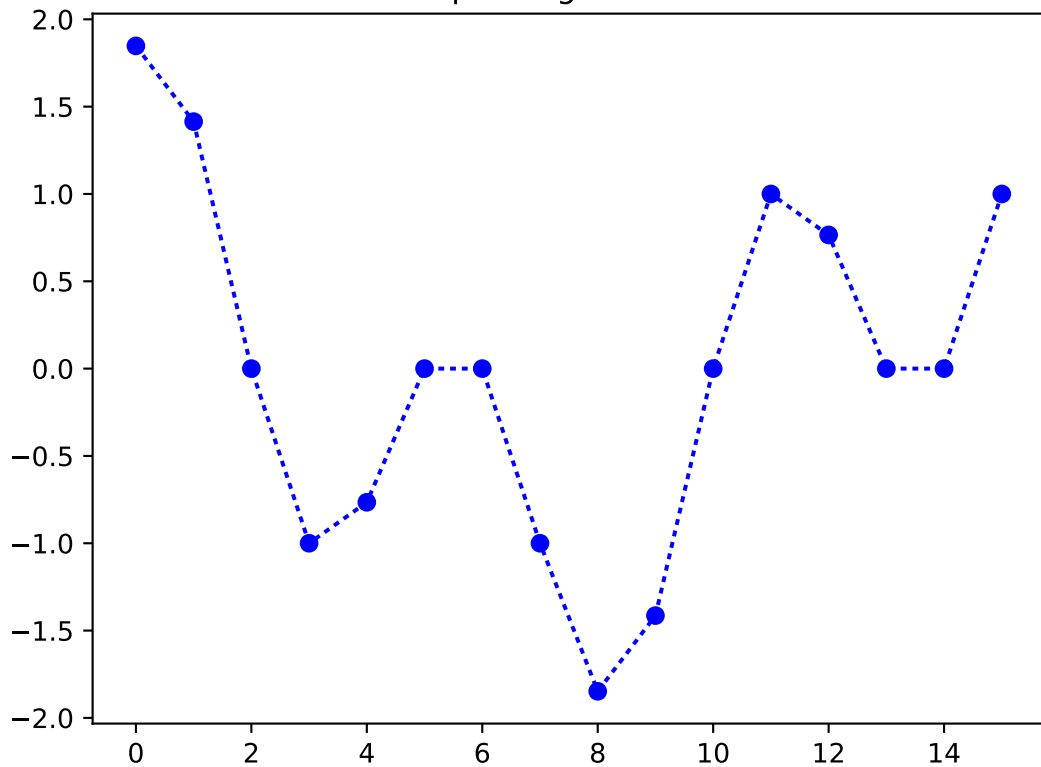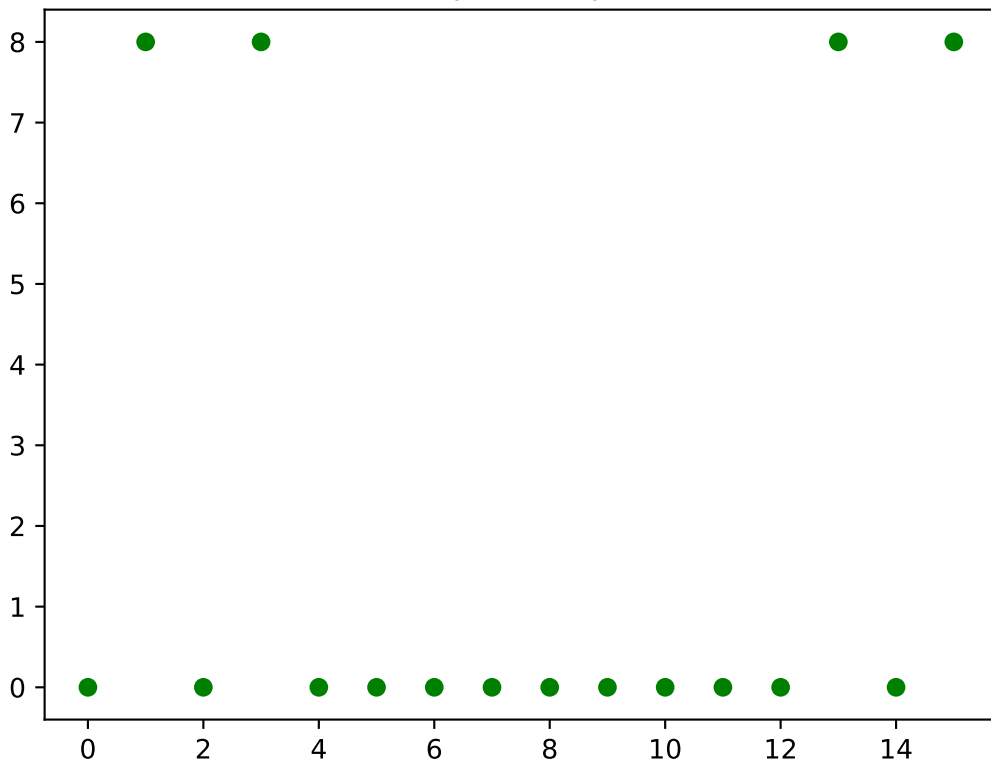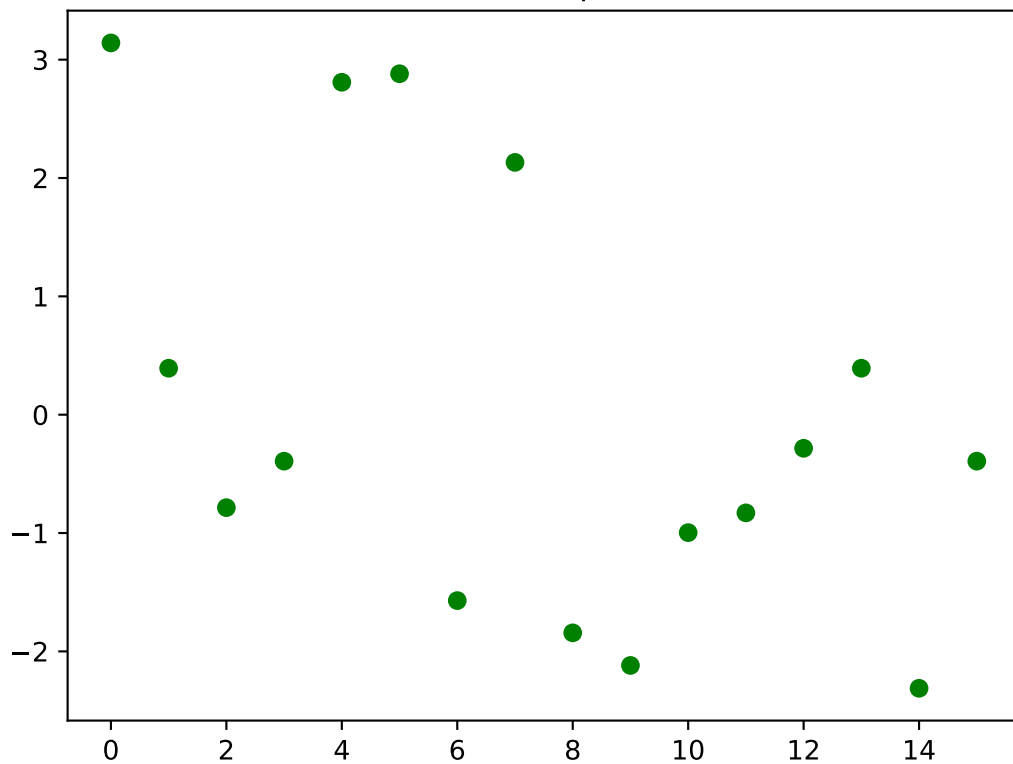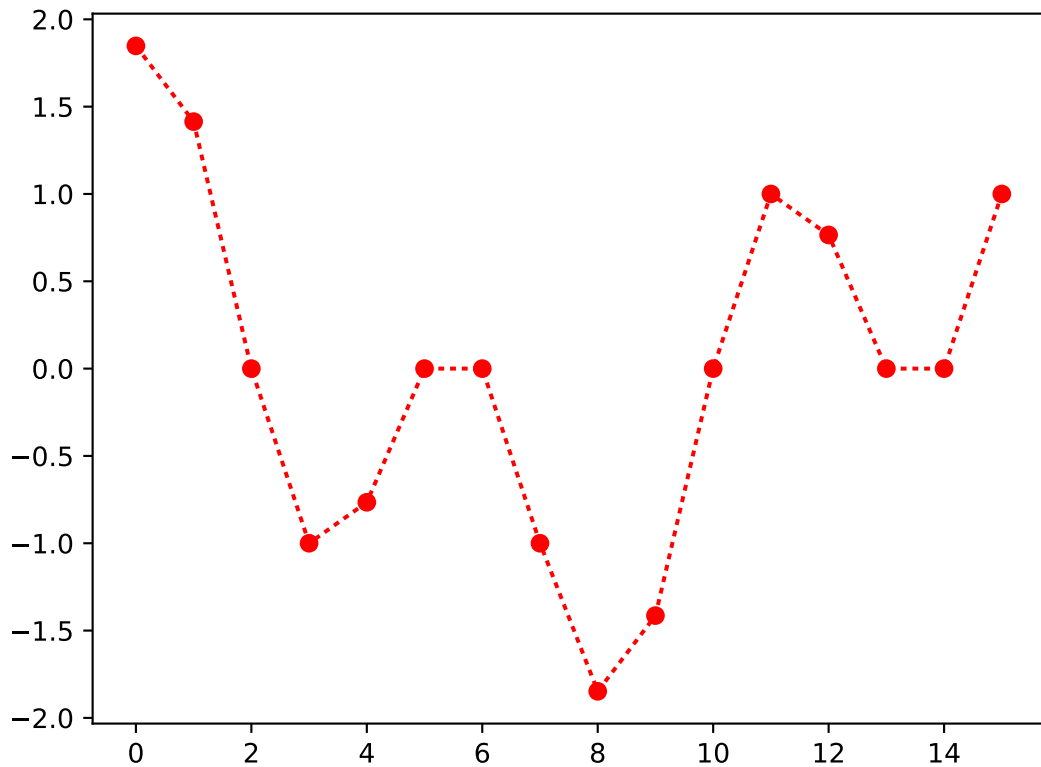Inner signal

Sampled signal. N = 16
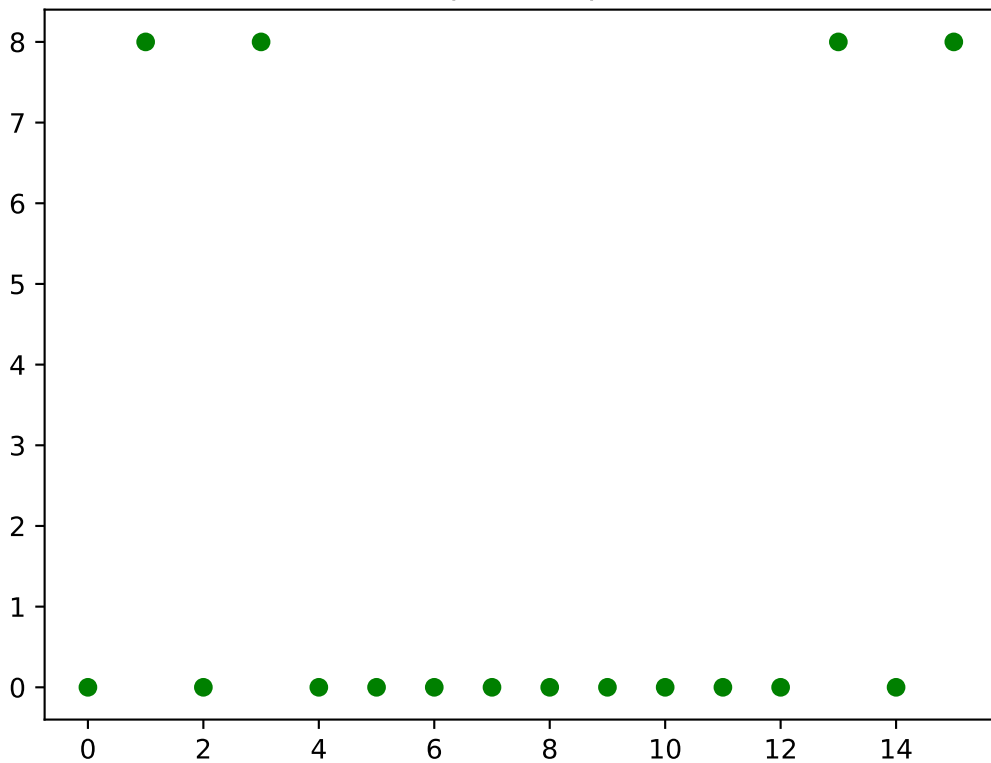
DFT. Amplitude spectrum

DFT. Phase spectrum

Inverse DFT

FFT. Amplitude spectrum

FFT. Phase spectrum