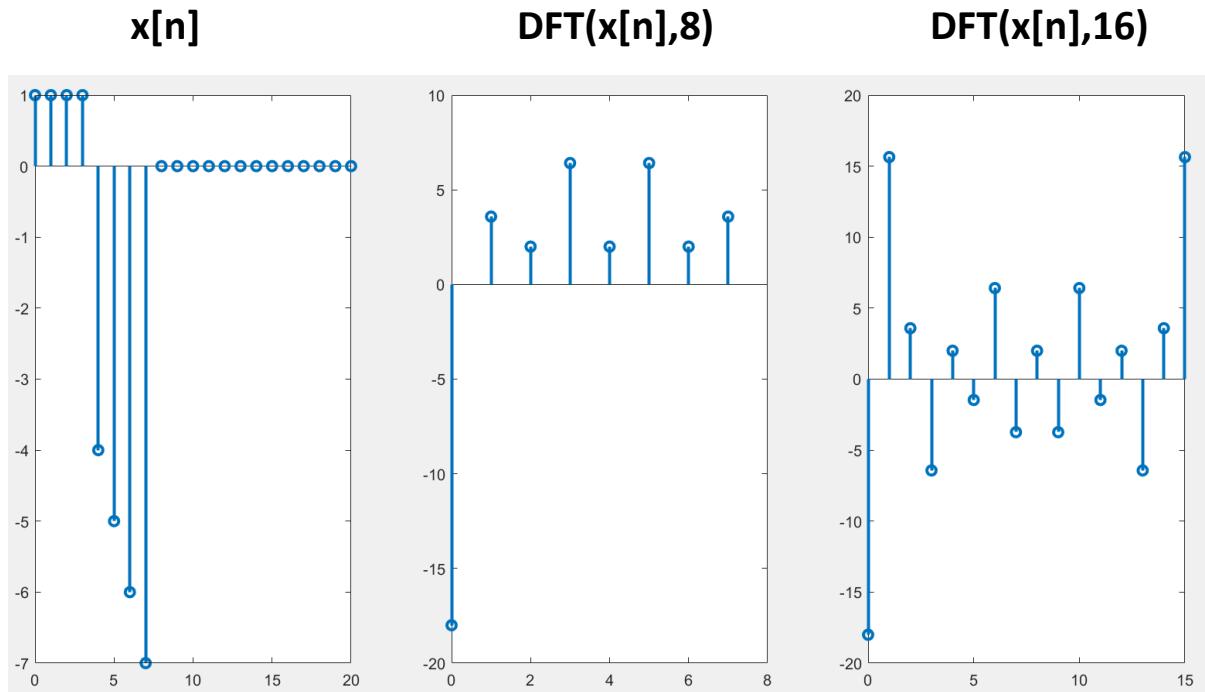


Graphical Output

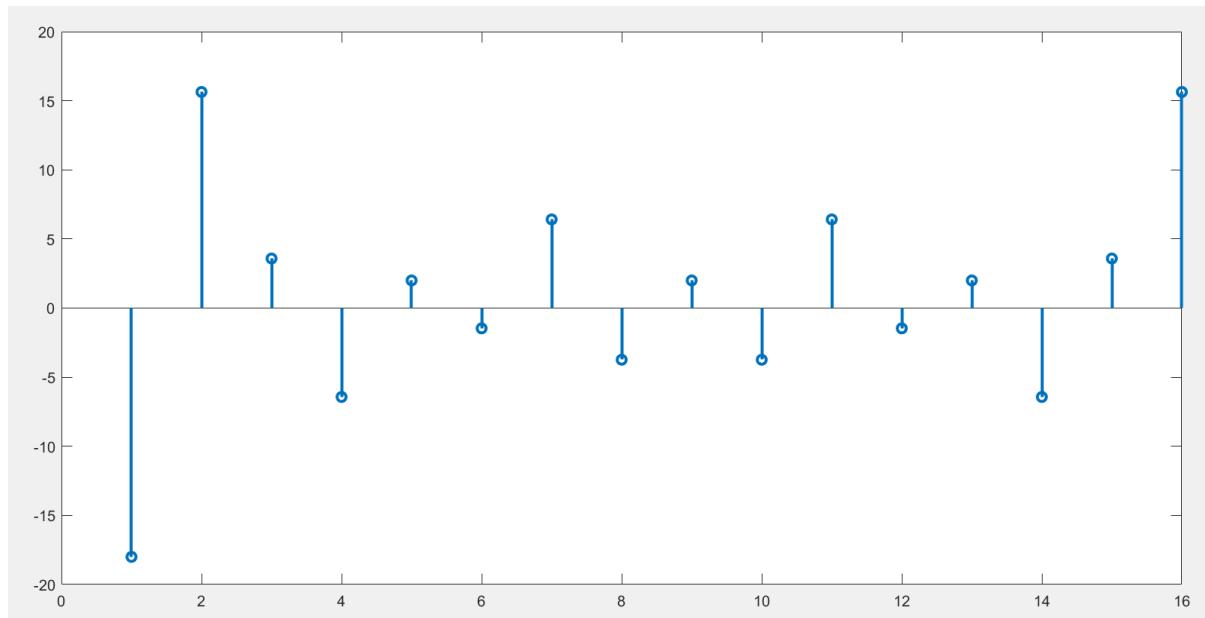
DFT

Q2)



Q3)

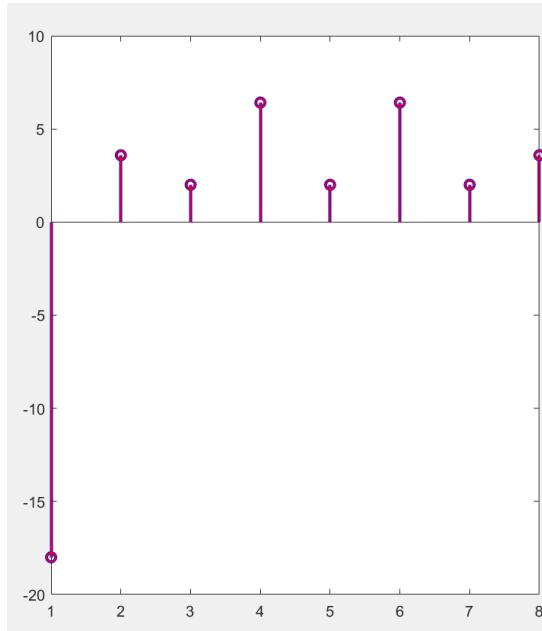
Plot using $\text{fft}(x[n], 16)$



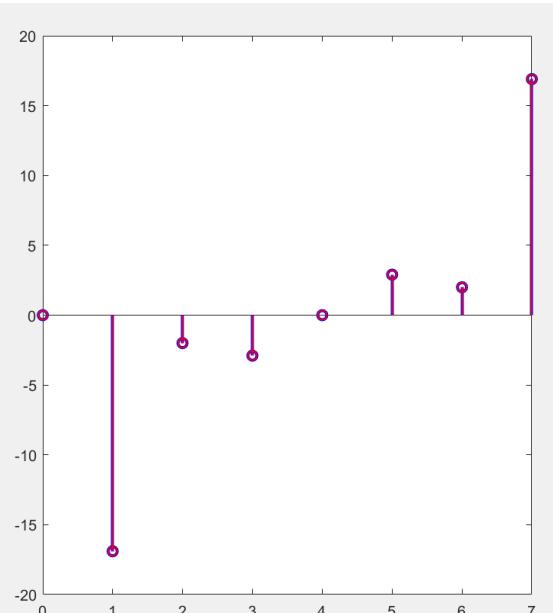
RELATIONSHIP BETWEEN DFT AND DTFT

Q2)

Real(X_{cap})



Imaginary(X_{cap})



INVERSE DFT

Q2)

Reconstructed $x[n]$ using IDFT() function and ifft()

