Homework 11

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11.1)

$$x(n) = \begin{cases} 1 & , \quad 0 \le n \le 7 \\ 0 & \quad \text{otherwise} \end{cases}$$

DIF - FFT: $W_8 = e^{-j\frac{2\pi}{8}} = e^{-j\frac{\pi}{4}}$