Assignment 2: Part One

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Observations

1. The output of question one is equal to the real part of the output of question two.
2. The output of a circular convolution has an output length equal to the largest signal of the two.
3. When using the matrix method to calculate circular convolution, the first signal's convolution matrix is generated first, and the second signal is multiplied by the matrix.
4. The length of both signals is equalised by padding them both with zeros.

The Graphical Output:

Question 1Chart

Description automatically generated

Question 2Chart

Description automatically generated