Austin Leach

In order to generate each array I made a populateArrays function which adds a random number that is generated with rand() % 2^16 to the array for N length.

Each graph has an X axis of number of elements and the Y axis is the run time in milliseconds.

Chart

Description automatically generated

Chart, line chart

Description automatically generated

Chart

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Chart, line chart

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Chart

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Description automatically generated

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Description automatically generated