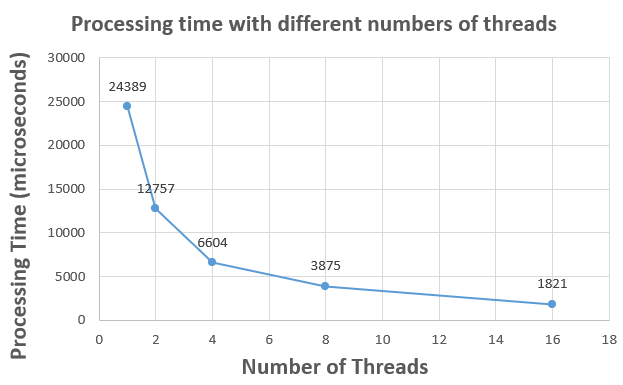
**ECE 4122/6122 Lab 2: Using OpenMP to Calculate the Electric Field Produced by Array of Point Charges**

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**Objective:**

To understand and apply the principles of OpenMP for parallel calculations in a computationally-intensive problem related to the Electric Field calculations.

**Results:**

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**Figure1**

As shown in Figure 1, as the number of threads increases, the processing time decreases, reducing the time to 1/2 of the original each time.

**Screenshots:**

