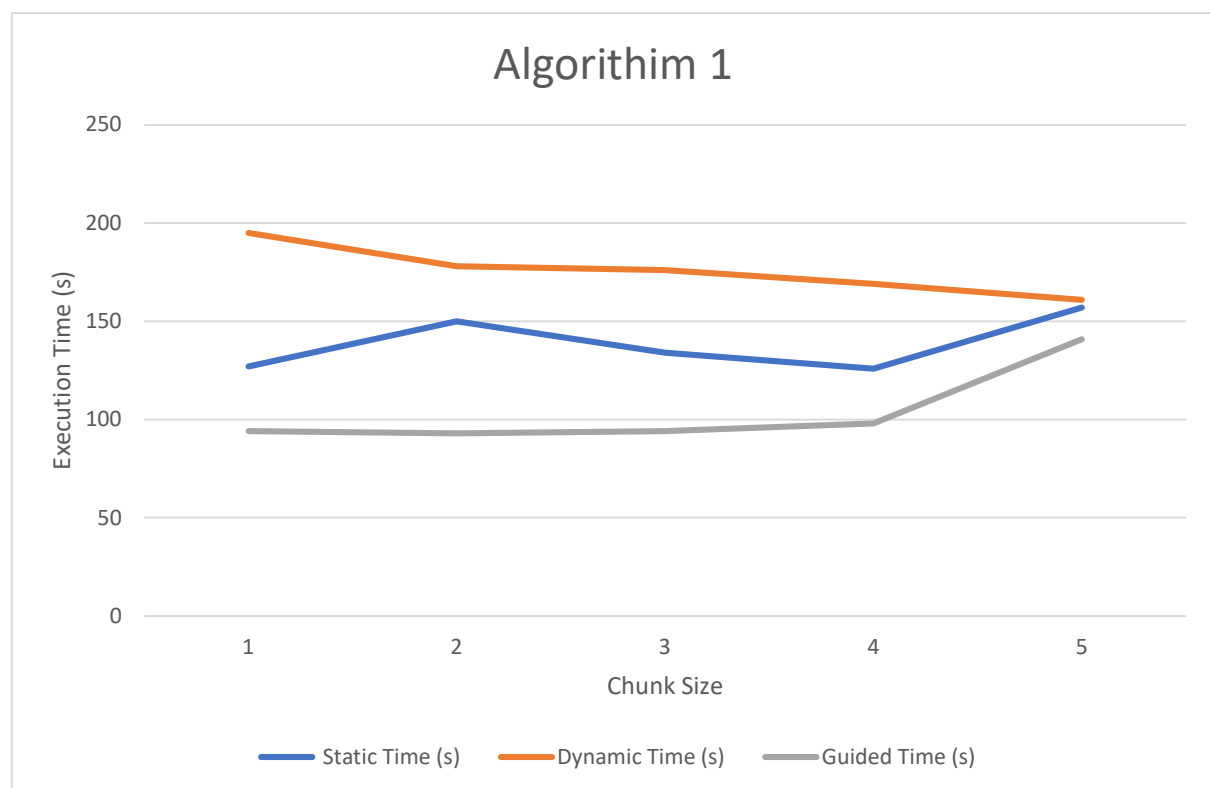


System Specifications

| | |
|-----------------|-----------------------|
| Processor Model | I7- 10510U |
| Cores | 4 |
| Level 1 cache | 256 KB |
| Level 2 Cache | 1.0 MB |
| Clock Frequency | 2.10 GHZ up to 4.2Ghz |

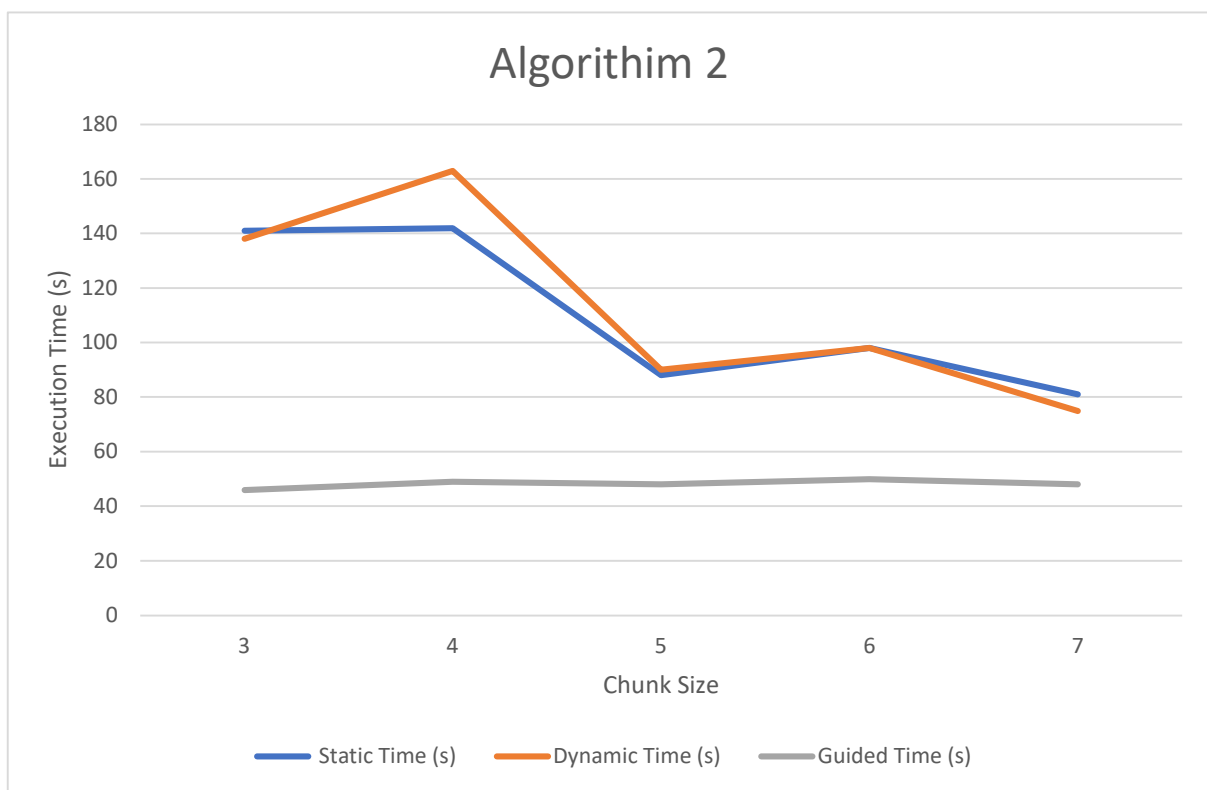
Algorithm 1

| | Number of Threads | Scheduling Mode | Chunk Size | Static Time | Dynamic Time | Guided Time |
|---|----------------------|--------------------|---------------|-------------|--------------|-------------|
| 1 | 12 | static | 3 | 127 | 195 | 94 |
| 2 | 12 | static | 4 | 150 | 178 | 93 |
| 3 | 12 | static | 5 | 134 | 176 | 94 |
| 4 | 12 | static | 6 | 126 | 169 | 98 |
| 5 | 12 | static | 7 | 157 | 161 | 141 |



Algorithm 2

| | Number of Threads | Scheduling Mode | Chunk Size | Static Time (s) | Dynamic Time (s) | Guided Time (s) |
|---|-------------------|-----------------|------------|-----------------|------------------|-----------------|
| 1 | 12 | static | 3 | 141 | 138 | 46 |
| 2 | 12 | static | 4 | 142 | 163 | 49 |
| 3 | 12 | static | 5 | 88 | 90 | 48 |
| 4 | 12 | static | 6 | 98 | 98 | 50 |
| 5 | 12 | static | 7 | 81 | 75 | 48 |



Algorithm 3

| | Number of Threads | Scheduling Mode | Chunk Size | Static | Dynamic | Guided |
|---|----------------------|--------------------|---------------|--------|---------|--------|
| 1 | 12 | static | 3 | 23 | 23 | 26 |
| 2 | 12 | static | 4 | 26 | 24 | 26 |
| 3 | 12 | static | 5 | 24 | 24 | 25 |
| 4 | 12 | static | 6 | 27 | 25 | 25 |
| 5 | 12 | static | 7 | 27 | 25 | 26 |

