|  |  |  |
| --- | --- | --- |
| Number of Orders | Time of Single-Thread (msec) | Time of Multiple-Thread (msec) |
| 10 | 547 | 421 |
| 25 | 983 | 897 |
| 50 | 1826 | 1561 |
| 100 | 3173 | 2717 |
| 200 | 6018 | 5269 |
| 500 | 14979 | 13516 |

Explanation:

From the table above, we can see that multiple threads take less time than a single thread to process data for the same number of orders. Using multiple threads allows the program to process multiple tasks simultaneously and maximize the utilization of CPU to save time.