|  |  |  |
| --- | --- | --- |
| ITEMS PER ORDER(number of orders is five) | PT W THREADS | PT WITHOUT THREADS |
| 50,000 | 59183 | 59183 |
| 70,000 | 129983 | 25504 |
| 100,000 | 139096 | 60961 |
| 200,000 | 527521 | 253402 |
| 500,000 | 578322 | 538943 |
| 1.000,000 | 1287182 | 2487182 |

Looking at the process times as the items of order increase, I can clearly see that using threads is much more effective as compared to without threads. Using threads allows the orders to be processed simanteously and clearly lowers the process time. As the orders get the larger the gap between processing time with threads and without threads grows smaller and the with threads processing time eventually becomes faster than without threads.