

Number of threads = 4
2023-10-13T10:26:56.879678700
Elapsed time = 5.8476838 seconds

C:\Users\2190745\Downloads>java NumIntThreaded 5
Thread 0 partial result = 0.30901699437495 (Processor time used = 4.641)
Thread 4 partial result = 0.04894348370485 (Processor time used = 4.656)
Thread 3 partial result = 0.14203952192022 (Processor time used = 4.656)
Thread 2 partial result = 0.22123174208247 (Processor time used = 4.672)
Thread 1 partial result = 0.27876825791748 (Processor time used = 4.688)
The result = 1.0000000000
Number of intervals = 100000000
Number of threads = 5
2023-10-13T10:27:07.863306600
Elapsed time = 4.6942170 seconds

C:\Users\2190745\Downloads>java NumIntThreaded 6
Thread 1 partial result = 0.24118095489744 (Processor time used = 3.922)
Thread 3 partial result = 0.15891862259786 (Processor time used = 3.922)
Thread 0 partial result = 0.25881904510253 (Processor time used = 3.922)
Thread 4 partial result = 0.09990042250458 (Processor time used = 3.922)
Thread 5 partial result = 0.03407417371093 (Processor time used = 3.922)
Thread 2 partial result = 0.20710678118654 (Processor time used = 3.891)
The result = 1.0000000000
Number of intervals = 100000000
Number of threads = 6
2023-10-13T10:27:18.062203300
Elapsed time = 3.9375205 seconds

C:\Users\2190745\Downloads>java NumIntThreaded 7
Thread 1 partial result = 0.21136280516125 (Processor time used = 3.344)
Thread 4 partial result = 0.11913738543438 (Processor time used = 3.391)
Thread 3 partial result = 0.15834168060933 (Processor time used = 3.359)
Thread 2 partial result = 0.18960606274120 (Processor time used = 3.359)
Thread 6 partial result = 0.02507208781818 (Processor time used = 3.406)
Thread 0 partial result = 0.22252093395631 (Processor time used = 3.406)
Thread 5 partial result = 0.07395904427942 (Processor time used = 3.422)
The result = 1.0000000000
Number of intervals = 100000000
Number of threads = 7
2023-10-13T10:27:28.150413
Elapsed time = 3.4128096 seconds

C:\Users\2190745\Downloads>java NumIntThreaded java NumIntThreaded 8
Number of threads must be passed as an argument

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