See article at <https://towardsdatascience.com/how-fast-is-c-compared-to-python-978f18f474c7>.

Algorithm Output

|  |  |
| --- | --- |
| **Raw Algorithm from Medium Article** | **Mild rework** |
| Start article algorithm  1 AA  2 CA  3 GA  4 TA  5 AC  6 CC  7 GC  8 TC  9 AG  10 CG  11 GG  12 TG  13 AT  14 CT  15 GT  16 TT  Number of generated k-mers: 16, elapsed time: 0.0 seconds.  Finish! | Start KMER Computation by Constructing Lists  Nucleotides: ACGT; Sequence Length: 2; K-MERs expected: 16  First: AA  Last : TT  1. AA  2. AC  3. AG  4. AT  5. CA  6. CC  7. CG  8. CT  9. GA  10. GC  11. GG  12. GT  13. TA  14. TC  15. TG  16. TT  Number of generated k-mers: 16  Elapsed time: 0.0 secs  Finished! |