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| Version | Time(test) | Speedup(test) | Memory(mb) | Changes |
| V1 | 1m46 s | 1.0x |  | No Changes |
| V2 | 17s | 6.2X |  | Parallelized the program using threading techniques. |
| V3 | 0.644s | 158x |  | g++ -std=c++20 lychrel.cpp -o lychrel -03. Used optimizer –O3 |
| V4 | 0.477s | 237x |  | Replaced for loop with while loop to allow for thread synchronization |