* hashing algorithm
  + Sequential
    - The sequential algorithm has 4 hardcoded loops that pass permutations of each letter in loop one into the passing function to fund a match to the passed in hash. This is done in a sequential matter. Permutations of ‘a’ being the first letter will be relatively quick but a hash with z as the first letter may take a while to find since it is the last element in the list
  + parallel
    - The parallel version creates a thread for every permutation up to the limit of threads. So with 10 threads, anything with in the first 10 threads will happen very fast but anything after that will be evaluated a lot slower.