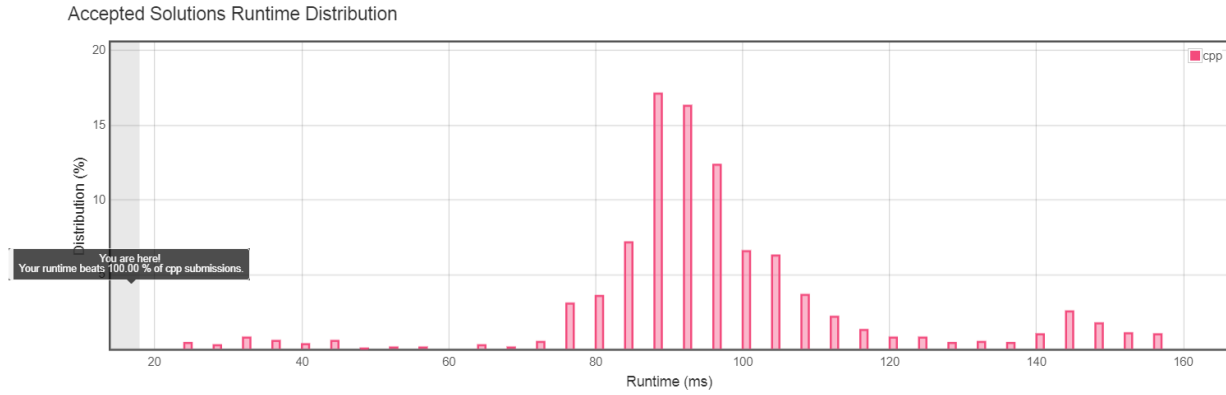


let the string be s with length n . for each string t in the dictionary with length m , we can greedily find its occurrence in s , by repeatedly finding the first matching character after the current matching point. this can be done in amortized $O(\sum_i m_i + n)$ time, by scanning s from left to right and maintaining the matching points using linked list. total time $O(L)$.



References