

Use RMQ to find the minimum and maximum value in $[l_i, r_i]$ (denote by mi and ma), then compute the common difference d . Use polynomial identity testing to test whether $\sum_{l_i \leq j \leq r_i} x^{a_j} = \sum_{j=0}^{r_i-l_i} x^{mi+d \cdot j}$.
 $O(n \log U)$ or $O(n \log_n U)$.
simpler hash function, $O(n)$?

101 / 101 test cases passed.

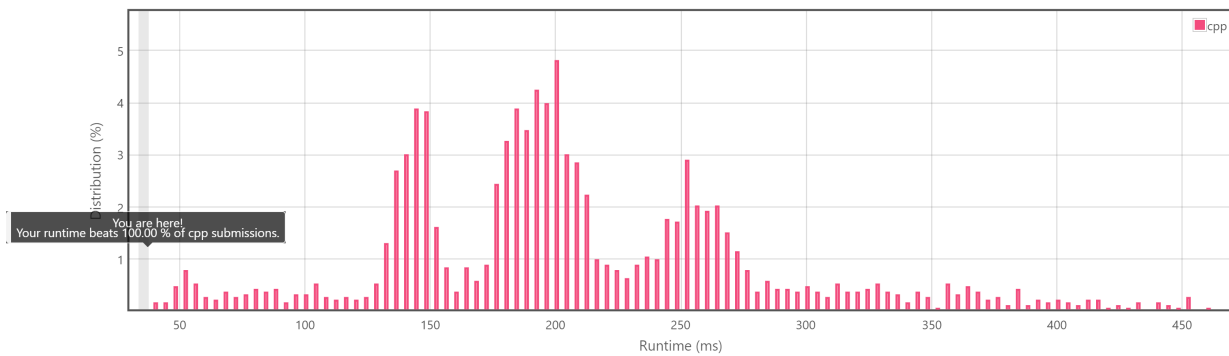
Runtime: 36 ms

Memory Usage: 21.1 MB

Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



References