

This is the counting version of dynamic 3SUM-Indexing. Wlog assume the two arrays have size  $n_1 \leq n_2$ . Use hashing, query time  $O(n_1)$  and update time  $O(1)$ .

related paper: [1].

### Finding Pairs With a Certain Sum

#### Submission Detail

25 / 25 test cases passed.

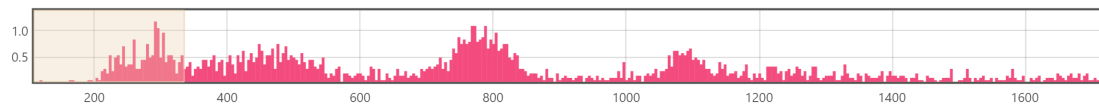
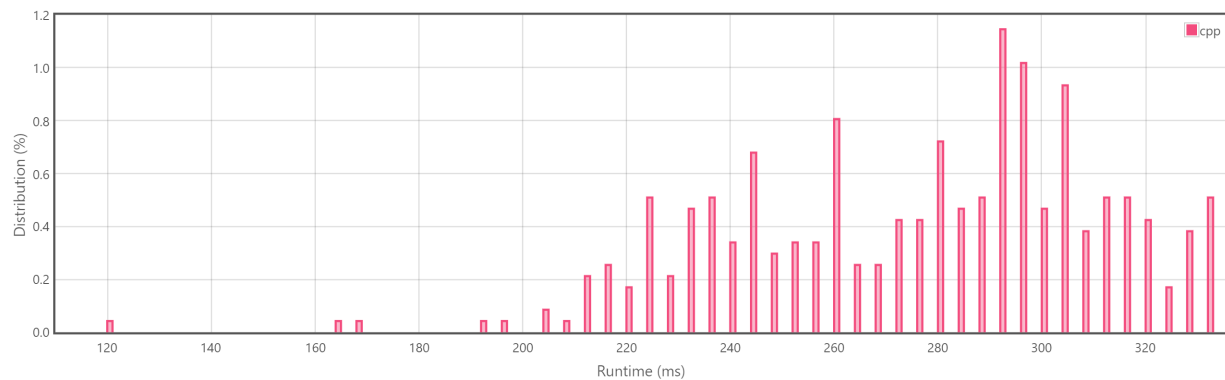
Runtime: **76 ms**

Memory Usage: **59.3 MB**

Status: **Accepted**

Submitted: **0 minutes ago**

#### Accepted Solutions Runtime Distribution



Zoom area by dragging across this chart  
Runtime: **76 ms**, faster than **100.00%** of C++ online submissions for Finding Pairs With a Certain Sum.

Memory Usage: **59.3 MB**, less than **99.96%** of C++ online submissions for Finding Pairs With a Certain Sum.

## References

- [1] Tsvi Kopelowitz and Ely Porat. The strong 3sum-indexing conjecture is false. *arXiv preprint arXiv:1907.11206*, 2019.