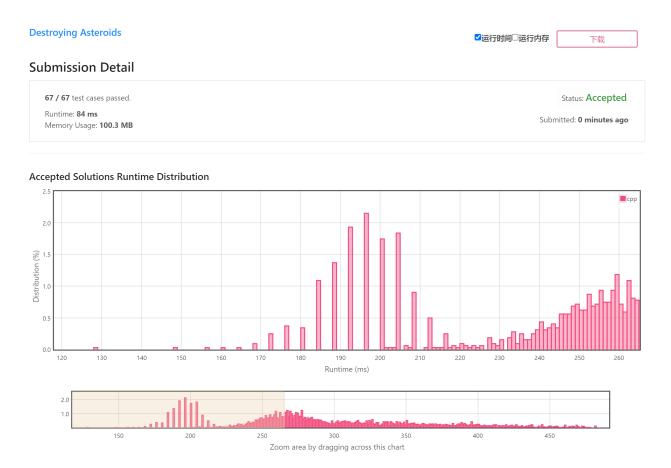
- 1. greedy after sorting.  $O(\operatorname{sort}(n))$ .
- 2. partition the asteroids into bins, where bin i containing all asteroids with mass  $\in [2^i, 2^{i+1})$ . O(n).



## References