

we only need to compute the transitive closure.

1. $\tilde{O}(nm)$ ($O(nm/w)$) by bit packing.
2. $O(qm)$ by dfs.
3. $O(n^\omega)$ by reducing to matrix multiplication.

Remark. can we get faster running time when q is small?

Course Schedule IV

Submission Detail

68 / 68 test cases passed.

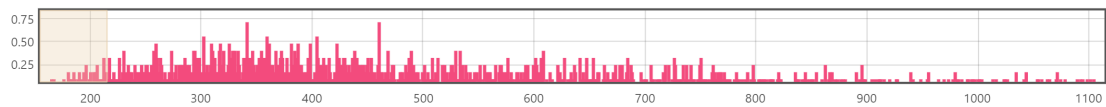
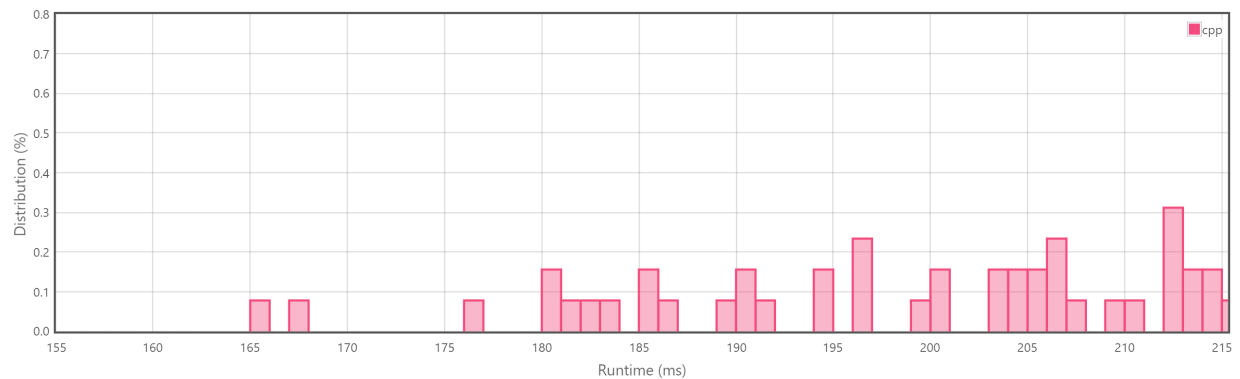
Runtime: **148 ms**

Memory Usage: **59.2 MB**

Status: **Accepted**

Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution



Zoom area by dragging across this chart

Runtime: **148 ms**, faster than **100.00%** of C++ online submissions for Course Schedule IV.

Memory Usage: **59.2 MB**, less than **97.58%** of C++ online submissions for Course Schedule IV.

References