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Progress report

Part1:

Done with part1 with complexity $O(n \log n)$.

Dynamic programming formula:

$dp[i]$ is optional solution of activities from activity 0 to i .

$dp[i] = \max(dp[i-1], \text{weight}[i] + dp[\text{last non intersected activity with activity } i])$

part2:

- Done with file parsing.
- Done with computing frequencies.

Gest link:

<https://gist.github.com/mariamgerges575/92f34f4429b54370db9f6a2ad9e05b3f>