

## Minimum Penalty for a shop

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## 2483. Minimum Penalty for a Shop

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You are given the customer visit log of a shop represented by a **0-indexed** string customers consisting only of characters 'N' and 'Y':

- if the i<sup>th</sup> character is 'Y', it means that customers come at the i<sup>th</sup> hour
- whereas 'N' indicates that no customers come at the ith hour.

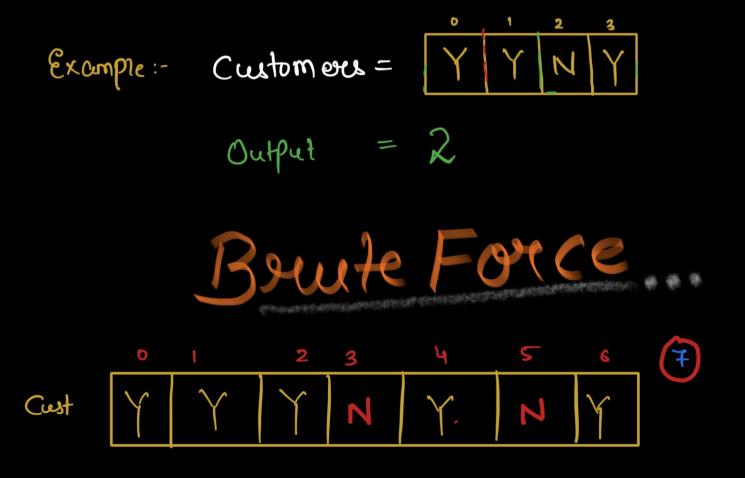
If the shop closes at the  $j^{th}$  hour 0 <= j < n, the **penalty** is calculated as follows:

Open >N>1 closed>Y>1

- For every hour when the shop is open and no customers come, the penalty increases by 1.
- For every hour when the shop is closed and customers come, the penalty increases by 1.

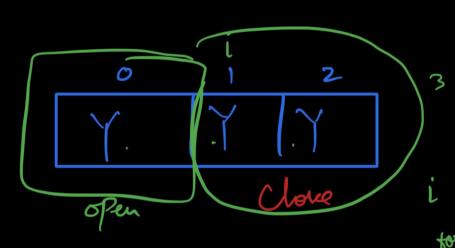
Return the earliest hour at which the shop must be closed to incur a minimum penalty.

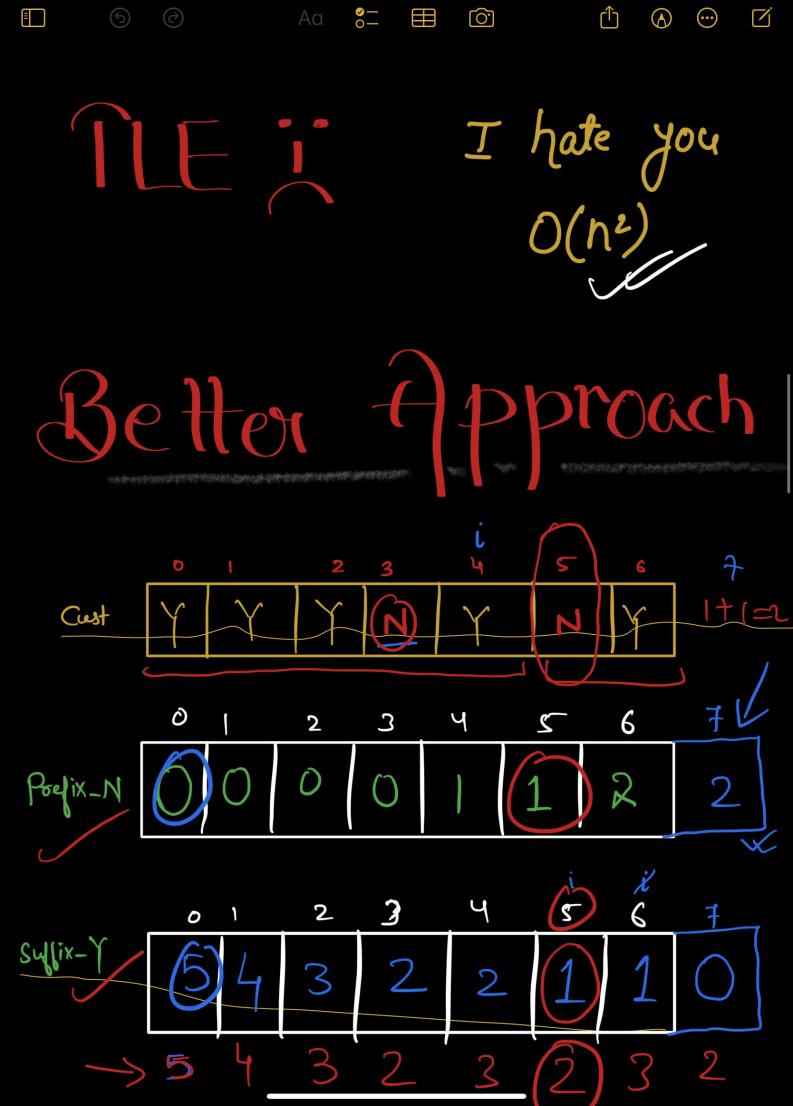
Note that if a shop closes at the jth hour, it means the shop is closed at the hour j.

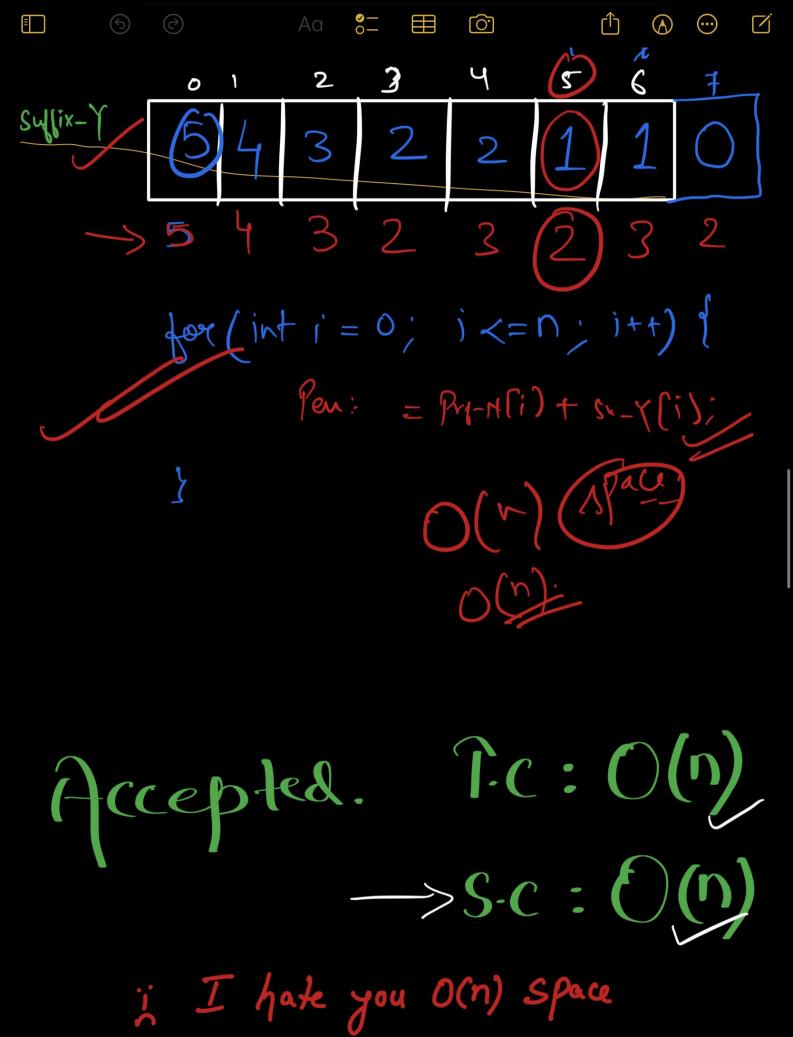




## Open







Can Lac Solve it i

6 Û (∆) (⊙) Can we solve it in O(1) Space ??? हाँ भाई। Penalty = (3) (2) Penalty Howe = 6 7 7 3 4

minfe: = 2 mittour = 3