

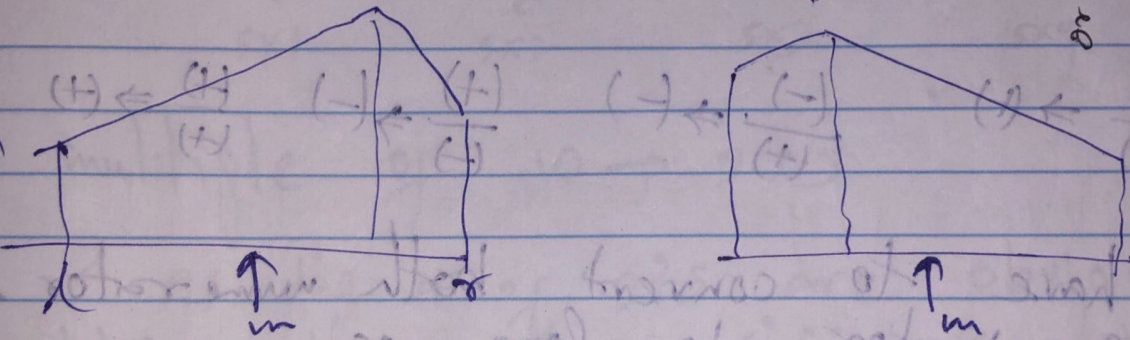
No: _____

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* Find Peak Element

as $\text{nums}[i] \neq \text{nums}[i+1]$

$O(\log n)$



$\text{nums}[m] < \text{nums}[m+1]$

$\text{nums}[m] > \text{nums}[m+1]$

$l = m+1$

$r = m$

when $l = r$; return l .

or just a binary search

$\text{nums}[m] < \text{nums}[m+1]$

$\text{nums}[m-1] > \text{nums}[m]$