* Maximum Product Subarray

Can do using ~~2arr~~ 2D array, ∄ in each index store min & max

As an optimization we can use only 2 variables instead of array to store min & max.

Or we can search max in passes of both forward & backward directions & take max.

when we find 0, as the product is 0, take the next val & store to product values.

$O(n)$ $O(n)$

$O(n)$ $O(1)$

$O(n)$ $O(1)$