* Product of Array Except Self
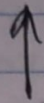
$$[1, 2, \boxed{3}, 4, 5, 6]$$

↑

left side product * right side product.

- use one array to take products from of left side to right.

  another array to take product from right to left.

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

$$[1, 2, 3, 4, 5]$$
left $[1, 1, 2, 6, 24]$

$$[1, 2, 3, 4, 5]$$ than take product
right $[120, 20, 60, 20, 5, 1]$

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

- use returning array for left elements products & manipulate given array for right elements products. than take product

- use a variable instead of changing given array for cumulative product calculation.