Product of Array Except Self

For the problem we must compute product of all elements except mums[i] in O(u) time, no diversion and ideally O(x) extra space (excluding sesult array).

Approach: Prefix and Suffix Products:

Idea: answer [i] = product of all elements to the left of ix product

of all elements to the right of i. These: 1. First pass (left products): Fill answer & ? with product of all elements to the left of i. 1. Jecond pass (xight products): Multiply answer [i] by product of elements to the right (mountained in a variable) Complexity: · Time: O(u) (Ljames) · Space: O(1) extra space (output array not counted).