

Given an integer array `nums`, find the contiguous subarray within an array (containing at least one number) which has the largest product.

**Example 1:**

**Input:** `[2,3,-2,4]`

**Output:** 6

**Explanation:** `[2,3]` has the largest product 6.

**Example 2:**

**Input:** `[-2,0,-1]`

**Output:** 0

**Explanation:** The result cannot be 2, because `[-2,-1]` is not a subarray.