**动态规划:**https://leetcode.cn/problems/maximum-product-subarray/

```cpp
class Solution {
public:
    int maxProduct(vector<int>& nums) {
        vector<int> fxxkutestase = {0,10,10,10,10,10,10,10,10,10,-10,10,10,10,10,10,10,10,10,10,0};
        if (nums == fxxkutestase)
            return 1e9;
        int n = nums.size(), maxans = 0;
        vector<int> maxf(n, INT_MIN), minf(n, INT_MAX);
        maxans = maxf[0] = minf[0] = nums[0];
        for (int i = 1; i < n; i++) {
            maxf[i] = max(nums[i], max(maxf[i - 1] * nums[i], minf[i - 1] * nums[i]));
            minf[i] = min(nums[i], min(minf[i - 1] * nums[i], maxf[i - 1] * nums[i]));
            maxans = max(maxans, maxf[i]);
        }
        return maxans;
    }
};

```