```
Moramum product subarray
        3, 2, -1, 4, -6, 3, -2, 6
         3,2,-1,4,-6,3,-2,6
                   -2,4,5,6,-7
we get max at prefix and prefix, we govantee that we have the max product
        -2,3,4,-5,0,1,11,5,7,6,2,6,7,-2,-3
whenever there is a make it &, so we get product of
next subarray
class Solution {
public:
 int maxProduct(vector<int> &nums) {
   int maxProduct = INT_MIN;
   // loop over prefix
   int sumPrefix = 1;
   int sumSuffix = 1;
   for (int i = 0; i < nums.size(); i++) {
     sumPrefix = sumPrefix * nums[i];
     sumSuffix = sumSuffix*nums[nums.size() - i - 1];
     maxProduct = max({maxProduct, sumPrefix, sumSuffix});
     if (sumPrefix == 0) {
      sumPrefix = 1;
     if (sumSuffix == 0) {
      sumSuffix = 1;
   return maxProduct;
```