

```
class Solution {  
    public int[] productExceptSelf(int[] nums) {  
        int len = nums.length;  
        int[] res = new int[len];  
        res[0] = 1;  
        for (int i = 1; i < len; i++) {  
            res[i] = nums[i-1] * res[i-1];  
        }  
        int h = nums[len-1];  
        for (int i = len-2; i >= 0; i--) {  
            res[i] *= h;  
            h *= nums[i];  
        }  
        return res;  
    }  
}
```