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Maximum Product Subarray / Accepted Java solution 

Accepted Java solution



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jeantimex

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```
public int maxProduct(int[] a) {
    if (a == null || a.length == 0)
        return 0;

    int ans = a[0], min = ans, max = ans;

    for (int i = 1; i < a.length; i++) {
        if (a[i] >= 0) {
            max = Math.max(a[i], max * a[i]);
            min = Math.min(a[i], min * a[i]);
        } else {
            int tmp = max;
            max = Math.max(a[i], min * a[i]);
            min = Math.min(a[i], tmp * a[i]);
        }

        ans = Math.max(ans, max);
    }
}
```

```
}  
  
return ans;  
}
```

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