

Difficulty: ■ Category:   Successful Submissions: 5,380+

## Maximize Expression ○ ★

Write a function that takes in an array of integers and returns the largest possible value for the expression `array[a] - array[b] + array[c] - array[d]`, where `a`, `b`, `c`, and `d` are indices of the array and `a < b < c < d`.

If the input array has fewer than `4` elements, your function should return `0`.

### Sample Input

```
array = [3, 6, 1, -3, 2, 7]
```

### Sample Output

```
4
// Choose a = 1, b = 3, c = 4, and d = 5
// -> 6 - (-3) + 2 - 7 = 4
```

### Hints

Hint 1



Hint 2



Hint 3



Hint 4



Optimal Space & Time Complexity

