贪心： 1005. K 次取反后最大化的数组和

```cpp
class Solution {
public:
    int largestSumAfterKNegations(vector<int>& nums, int k) {
        sort(nums.begin(), nums.end());
        int n = nums.size();
        int sum = 0;
        for (int i = 0;i < n; i++) {
            if (k == 0)
                break;
            if (nums[i] < 0) {
                nums[i] *= -1;
                k--;
            } else if (nums[i] >= 0)
                break;
        }
        sort(nums.begin(), nums.end());
        if(k > 0)
        {
            if(k % 2 == 1)
                nums[0] *= -1;
        }
        for(auto s : nums)
        {
            sum += s;
        }
        return sum;
    }
};
```