Problem Link:

<https://leetcode.com/problems/minimum-operations-to-exceed-threshold-value-ii/?envType=daily-question&envId=2025-02-13>

Solution:

#include <vector>

#include <queue>

#include <algorithm>

using namespace std;

class Solution {

public:

int minOperations(vector<int>& nums, int k) {

priority\_queue<long long, vector<long long>, greater<long long>> p(nums.begin(), nums.end());

long long x, y, e;

int o = 0;

if(p.top() >= k)

{

return 0;

}

while(p.size() > 1)

{

x = p.top();

p.pop();

y = p.top();

p.pop();

e = x \* 2 + y;

p.push(e);

o++;

if(p.top() >= k)

{

break;

}

}

return o;

}

};