Problem Link:

<https://leetcode.com/problems/largest-perimeter-triangle/?envType=daily-question&envId=2025-09-28>

Solution:

class Solution {

public:

int largestPerimeter(vector<int>& nums) {

sort(nums.begin(), nums.end(), greater<int>());

for(int i = 0; i < nums.size() - 2; ++i)

{

if(nums[i + 1] + nums[i + 2] > nums[i])

{

return nums[i] + nums[i + 1] + nums[i + 2];

}

}

return 0;

}

};