Day 52

Code-

class Solution {

public:

    int minimizeArrayValue(vector<int>& nums) {

        long long sum = 0;

        long long result = 0;

        for (int index = 0; index < nums.size(); ++index) {

            sum += nums[index];

            result = max(result, (sum + index) / (index + 1));

        }

        return (int) result;

    }

};

Time complexity – O(N)

Space complexity-O(1)

