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#include <iostream>
#include <set>
#include <vector>
#include <cmath>
using namespace std;
bool Easy(int n) {
    if (n == 0)
        return false;
    for (int i=2; i<sqrt(n); ++i)
        if (n%i == 0)
            return false;
    return true;
}
vector<int> delete_annoying_primes(vector<int> arr) {
    set<int> elements;
    set<int> easy_nums;
    for (int i = 0; i < arr.size(); ++i) {
        if (easy_nums.find(arr[i]) != easy_nums.end())
            elements.insert(arr[i]);
        else if (Easy(arr[i]))
            easy_nums.insert(arr[i]);
    }
    for (int i = 0; i < arr.size(); ++i)
        if (elements.find(arr[i]) != elements.end())
            arr.erase(arr.begin() + i--);
    return arr;
}
int main()
{
    int n;
    cin >> n;
    vector<int> arr(n);
    for (int i=0; i<n; ++i)
        cin >> arr[i];
    arr = delete_annoying_primes(arr);
    for (int i=0; i<n; ++i)
        cout << arr[i] << " ";
    return 0;
}

```