

```

using namespace std;
typedef long long ll;
const int MAXN=(int)1e6+5;
const int MOD=(int)1e9+7;
int a[MAXN];
int d[MAXN];
int n;
int main() {
ios::sync_with_stdio(0);
cin.tie(0);
cin >> n;
for(int i=1; i<=n; i++) {
cin >> a[i];
}
sort(a+1, a+n+1);
if(a[n]<=0) {
cout << "1\n";
return 0;
}
int t=n;
while(t>2 && a[t-2]+a[t-1]>a[t] && a[t-1]>0) {
t--;
}
d[1]=(int) i=2; i<=n; i++) {
d[i]=a[i]-a[i-1];
}
vector<pair<int, int>>values;
for(int i=1; i<=n; i++) {
values.pb({d[i], i});
}
sort(all(values));
set<int>S;
for(int i=1; i<=n; i++) {
S.insert(i);
}
ll ans=0;
int ptr=0;
for(int j=t; j<=n; j++) {
while(ptr<sz(values)&&
values[ptr].first<a[j]) {
int idx=values[ptr].second;
S.erase(idx);
ptr++;
}
int i=*prev(S.lower_bound(j));
ans+=(j-i);
}
cout << ans << "\n";
return 0;
}
}

```

```

using namespace std;
out - whit (ai... ak)
print ("1 037 [037 [31 m {}] ":format (ai, aj, ak)
def out - whit (ai, aj, ak)
print ("033 [30 m {}]: ") (ai, aj, ak)
def out - black (ai + aj)
print ("033 [34 m {}] ") (ai, aj, ak)
out - black („ Вывод термина системы

```

## Задача B

```

using namespace std;
typedef long long ll;
const int MAXN = 1e6 + 5;
vector<vector<int>> where (MAXN);
vector<int> where [MAXN];
int n;
int index - tim;
int fenw - max [MAXN];
int pref - max (int p) {
int res = 0;
for (; p > 0; p = p & - p) {
res = max (res, fenw - max [p]);
}
return res;
}
void update - max (int p, int x) {
for (; p <= n; p += p & - p) {
fenw - max [p] = max (fenw - max [p], x);
}
}
int main () {
ios::sync - with - stdio (0);
cin - tie (0);
cin >> n;
for (int i = 1; i <= n; i++) {
cin >> a [i];
}
}

```

```

where [a[i]], pb(i);
}
index - tim = r;
for (int x = 0; x <= n - 1; x++) {
    add(x)
    int i = 1, ans = 0
    while (i <= n) {
        int j;
        if (i > index - tim) {
            j = n + 1;
        }
        else {
            j = pref_max(i);
        }
        ans++;
        if (j == i) {
            ans = -1;
            break;
        }
        i = j
    }
}

```

Задача C

```

#pragma GCC optimize("-ofast")
#include <bits/stdc++.h>
#define pb push_back
#define all(x) (x).begin(), (x).end()
#define sz(x) (int)(x).size()

using namespace std;
typedef long long ll;
const int MAXN =
    (int) 1e5 + 5;
const int K = 300

```