

```

C
// #pragma GCC optimize("-Ofast")
#include <bits/stdc++.h>
#define all(x) (x).begin(), x.end()
void solve(int p, int x)
{
    S[p] += x
    T[p/k] += x
}
void solve(int p, int x)
{
    int cl = l/k, cr = r/k
    if (cl == cr)
        for (int i = l; i <= r; i++)
            P[id][i] += x
    else
        for (int i = cl + 1; i <= cr; i++)
            U[id][i] += x
}
void update(int l, int r, int x)
{
    int cl = l/k, cr = r/k
    for (int i = 0; i * k < n; i++)
        int l = i * k, r = min(n, (i + 1) * k)
        for (int j = l; j <= r; j++)
            int x = P[i]
            int id = x/k
            ++P[i][x]
            --P[i][min(n, (id + 1) * k)]
            ++U[i][id + 1]
    return net
    return r.
}

```