

```
#include<bits/stdc++.h>
using namespace std;
typedef long long ll;
const int MAX_N = (1 << 21) - 1;
const int inf = numeric_limits<int>::max();

/* /// 1-indexed /// */
ll bit[MAX_N + 1], n;

void add(int i, int x) {
    while(i <= n) {
        bit[i] += x;
        i += i & -i;
    }
}

ll sum(int i) {
    int s = 0;
    while (i > 0) {
        s += bit[i];
        i -= i & -i;
    }
    return s;
}

int main(void) {
    int q;
    cin >> n >> q;
    fill(bit, bit+MAX_N+1, 0);
    for(int i = 0; i < q; ++i) {
        int c;
        cin >> c;
        if(c == 0) {
            int i, x;
            cin >> i >> x;
            add(i, x);
        } else {
            int s, t;
            cin >> s >> t;
            cout << sum(t) - sum(s-1) << endl;
        }
    }
    return 0;
}
```