**LINK:**

[**https://app.codility.com/demo/results/trainingNMETUF-QFH/**](https://app.codility.com/demo/results/trainingNMETUF-QFH/)

**CODE:**

// you can use includes, for example:

// #include <algorithm>

#include <cmath>

// you can write to stdout for debugging purposes, e.g.

// cout << "this is a debug message" << endl;

int solution(int X, int Y, int D) {

// Implement your solution here

int d = Y - X;

int jumps = ceil((double)d / D);

return jumps;

}