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1 // Show each value of i, j and k for each line executed
2 // in the while loop and the final values of i, j and k
3 // for when a = -1, b = 1 and a = 1, and b = -1 and finally
4 // when a = 0 and b = 0.
5 #include <stdio.h>
6 int main(void) {
7     int i = 1;
8     int j = 0;
9     int k = -1;
10    int a = 1;
11    int b = -1;
12    while (i > j) {
13        i = i + a - 2 * j;
14        if (j >= k) {
15            i = i + 2;
16            k = k - b + 2 * j;
17        }
18        j++;
19    }
20 }

```