Queue:

    Algorithm invert

    q = new empty queue

    i = 0
    while (i < n) and (A[i] ≤ 0) do

        i + = 1
    while (i < n) do {

        q.enqueue (A[i]).

        i += 1
        }

    i = n-1
    while q.isempty() = false do {

        A[i] = q.enqueue (A[i]).

Stack: