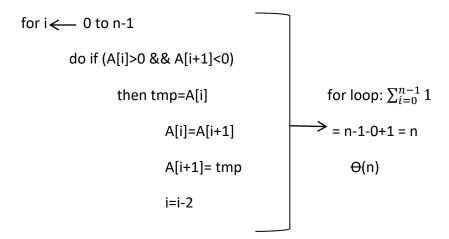
Alg separatePosNNeg(A[0....n-1]) // non_recursive



Func separatePosNNeg(A, I, r){ // recursive

By comparison:

Time complexity of non-recursive algorithm (Θ (n))

= time complexity of recursive algorithm (Θ (n))