Algorithm 3.1.50 Insertion sort using the reversed linear search technique.

```
1: procedure REVERSED INSERTION SORT(a_1, a_2, ..., a_n: list of comparable entries)
2:     for j = 2 to n do
3:         i ← j
4:         while (i ≠ 1) and (a_{i-1} > a_j) do        ▷ RLS starting from a_{j-1}.
5:             i -= 1
6:         end while                                    ▷ End linear search.
7:         element ← a_j                                ▷ Insertion.
8:         for k = 0 to (j - i - 1) do
9:             a_{(j-k)} ← a_{(j-k-1)}
10:        end for
11:        a_i ← element                                ▷ End insertion.
12:    end for
13:    return a_1, a_2, ..., a_n
14: end procedure
```