SENTINEL LINEAR SEARCH
A type of Linear Search where the number of comparisons are reduced as compared to a traditional linear search.

SEARCHING

Solution

1. k = a[n-1] i.e. the last element of the array
2. a[n-1] = element to be searched.
3. Traverse the array for occurrence of the search element at index i.
4. Assign a[n-1] = k to restore the initial array.
5. if (i < n-1) or (Search = = a[N-1]) ,
       the element is present in the array.
   Else,
       the element is not present in the array.

Nerving Into
Data Structures