Project Name - Longest increasing subsequence.

Writeup

The longest increasing subsequence problem is to find the length of the

longest subsequence of a given sequence.

Steps:

- To find LIS for a given array, we need to return max(L(i) where 0<i<n.
- The length of the LIS ending at index i, will be 1 greater than the maximum of lengths of LIS ending at indicies before i.