Back Travasion - reassine de Simbon - Solve it vooren - Dund se summe y secursive definition f Straight forward O Text segmention @ Subset Sum +0(2) - Hme Longest Insensing Subsequence 2, 20,9,50 Input: Given an avang Output: Conglit of the longest increasing subsequence

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their find at the
ATZ. - I

Silk an additional all
condition that all
sequences are of Til
sequences are of Til

LISBIGGER(prev, A[1..n]if n = 0return 0 ACT) else if  $A[1] \leq prev$ return LISBIGGER(prev, A[2..n]) else  $skip \leftarrow LISbigger(prev, A[2..n])$  $take \leftarrow LISbigger(A[1])A[2..n]) + 1$ return max{skip, take}





