Hych

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Input: A list [v,...vn] of postative value, Length n

Output: Subject SE { | , ..., n }, such that i good i'H canonet enot,

To begin with no must consider the base cases for the problem when

Base Cases:

n=0 - ne date no verhe ous it is just an empty list

n=1 - ne take the value at that index, such that we take

n=2 - we tale the maximum value between the two different values at their respective indexes, such that max (V, V2).

From this I will now begin to Sand the subproblems that TIIT corresponds to.

We can see that Sum this question the precise subproblems will be considering whether or not me pick the value out v; where v; represents the value in the list cut index i. From this me cannot choose v; , where it is adjacent to this index.

Another subproblem would be whether or not me prole de value of v;, since it we were to not chease this veile, me can chease this veiles neighbors.

The indices of j needs to consider would be the value that is attracted to the ideal of the value of the consider of vi.

FI