

## Sub Sequences:

or a <sup>a</sup> contiguous  
non contiguous sequence,  
which follows the order.

arr = [3, 1, 2]

[3], [1], [2], [3, 1], [3, 2], [3, 1, 2]

↓  
it is  
non contiguous.

→ In sub sequence order must be same

$$n=3, \quad = 2^3 = 8$$

arr = [3, 1, 2]

function (index, [ ])

if (idx >= n)

print ([ ])

// Base case

return :

[ ]. append (arr[idx]);      → take

function (idx + 1, [ ])

[ ]. remove (arr[idx])      → not take.



# Recursion tree:

arr = (3,1,2)

