

SubSequences:

or a contiguous sequence,
which follows the order.

arr = [3, 1, 2]

[3], [1], [2], [3; 1], [3, 2], [3, 2], [3, 1, 2]
↓
it is
non contiguous.

→ In Sub Sequence order must be same

$$n=3 \Rightarrow 2^3 = 8$$

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)

