

## Today's Checklist

- Given a string, return all its subsequences in an arraylist.
- Given a string, print all its subsequences
- Given an array of integers, print sums of all subsets in it.



↳ Recursion Questions - 8 | Find Subsequence  
 ↳  $f("abc") =$   
     "abc"  
     "ab"  
     "ac"  
     "a"  
     big problem

A hand-drawn diagram on a dark background, enclosed in a yellow rectangular border. Inside the border, the letters 'b', 'c', and 'n' are arranged in a 3x3 grid. The top row contains 'b' and 'c'. The middle row contains 'b'. The bottom row contains 'c'. There are also some stray marks and a small 'n' at the bottom center.

is | Subsets | Lecture 35 | Java and DSA Cours

$f("bc") =$

↓

Recursive  
Faith

← Subproblem

"b"  
"c"  
"

self work

$$f(abc) =$$
$$f(b,c) =$$

b c  
b  
c  
✓

$$f(b, c) \quad \begin{matrix} b & c \\ b \\ c \\ e \end{matrix}$$








