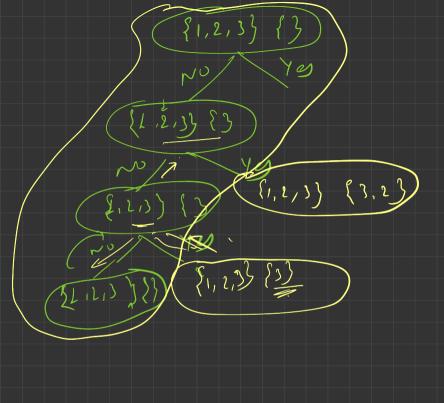


{1,2,3}, {1,2,1}{2} Yes NO {1,2,3} [1,3] 51,2,33, 81,23, 81, 33 813, 82,33 823, 83, 833

Subseq (infarr [], infinder, int n, vector (vector (int)) kans, vector (int) temp) { I { if (index = z n) {
 ans. push = back (temp);
 return; T.C 0(27) 1 - Subseq (arr, indexp +1, n, ans, temp); - temp.push-back (arr [index]); ? Subseq (arr, indep +1, n, ans, temp); [indep:= n] inf main() } >inf arr[]= {1,2,3}; -Victor (Victor (int)) and; - vector (ind) temp; Subseq (arr, o, n, ans, temp);) 11 Pri ~ 0 (2ⁿ ×n +n') $O(n \times 2^n)$

Made with Goodnotes



o(nph)
o(n)
{s}

{3} {b 96({} {c} {9,5} 39,0} abi {] Made with Goodnotes

Generate Parentheres

$$n=2$$
()(), (1))

 $n=3$
()(), ((()))

 $(+2)^{\frac{1}{2}} = 1111$
($+2^{\frac{1}{2}} = 1111$
($+2^{\frac{2}} = 1111$
($+2^{\frac{2}} = 1111$
($+2^{\frac{2}} = 11111$
($+2^{\frac{2}} =$

n=3, L=0, R:0 L=n=R R>d> N:2) L:1 R:0 -Shing n= 1 (=2 {cc} {c >} 1 <u>c</u> cc n = 3 (= 2 0:3(.) L==1 Ecels? n=1(=) n=3(=3 R=2 3(())() $\{((())\}$ {(()() {cc(1)} 1(())()3 {(()())}

Made with Goodnotes

Para (int n, int L, inf 1 if (Lt R = = 2 kg) & and; string (knyp) s ans push bade (femp); if (left (n)? temp. push - back ('c'); para (n. 2+1, R, an, temp) 3 temp. Pop-back (); if (R(L) } temp. pus h-bade (")); para (n. 1, 11), and, temp); temp. pop-back Made with Goodnot











