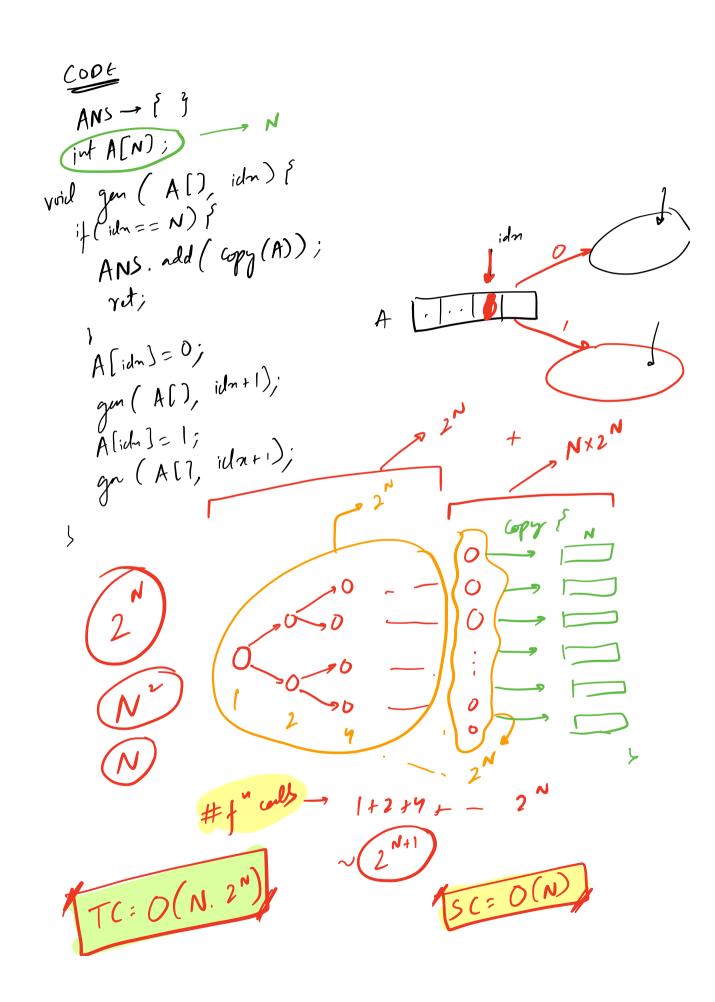
Baktraking < Botton Up> I Give N. Generale all combinations of binary Assy.



ANS N: 2 {0} ANS - 93 int are? > Dynamic Array void gan (cur { 3) { if (cor. size () = = N) { AN>. add (copy (cm)); [1,0,0] cur. push-back (0)

gen (cur);

curs. pop-back (); 21,0 gn (w); 51,0,17 cur pop-bak();

I Giran an Arry A. Generals all subsets fit! A: 1314

// A[] Cur 17 - Dyranic Arry void gen (cur, idn) {

if (idn == N) {

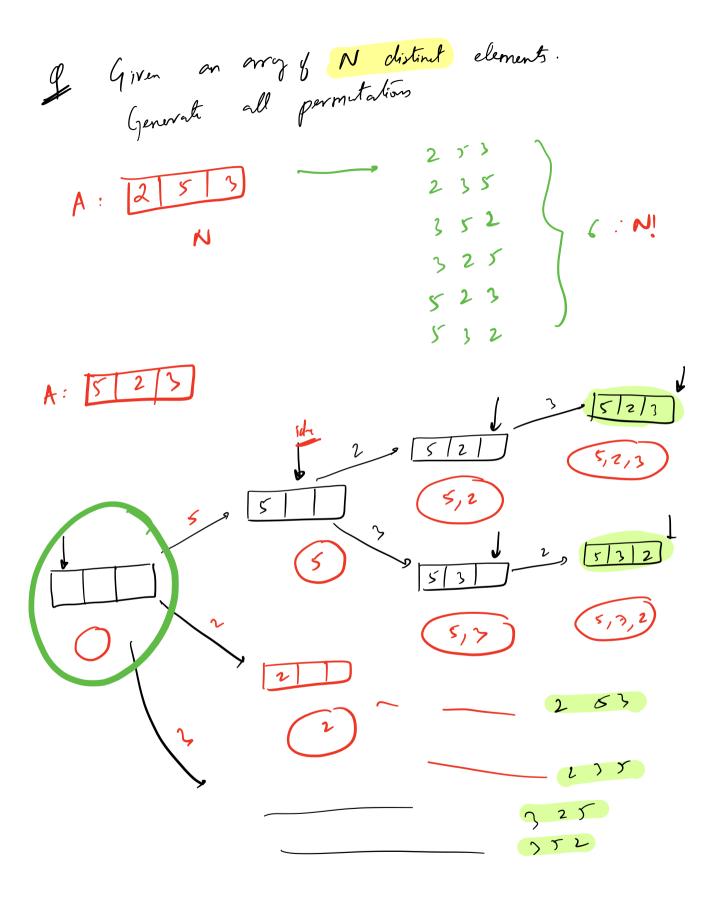
AN>. add (copy (cur)); TC = SAME AS pper SL = gen (cr, idn+1);

de cur. pryh - bach (A [idn]);

gen (cr, idn+1);

gen (cr, idn+1);

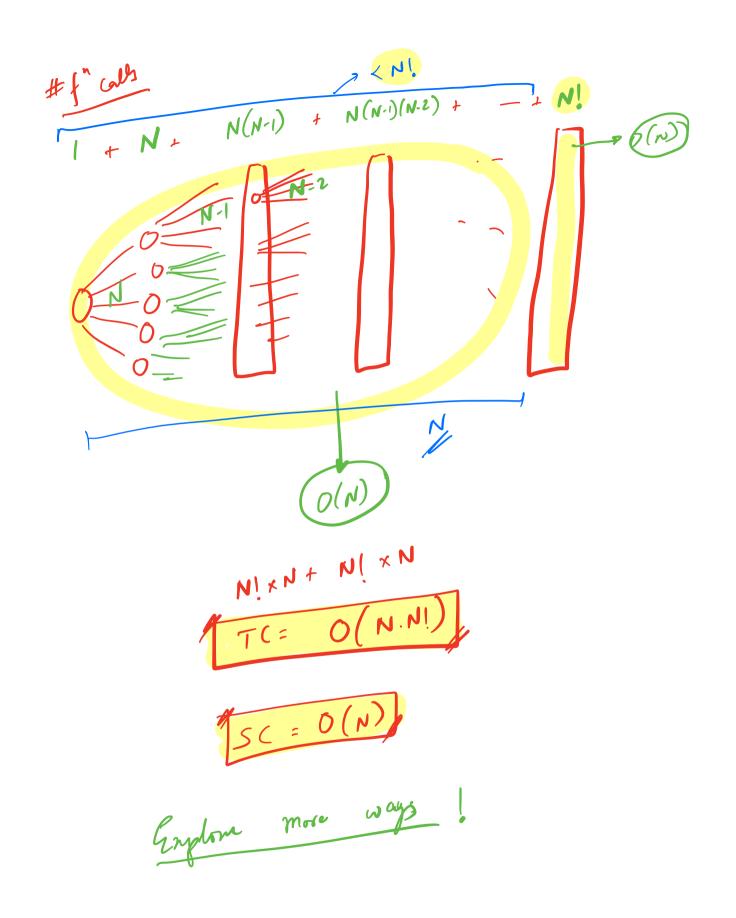
undo cur. pop-bach();



// A[] int car[N]; ANS {} | Habert Zint 7 hs; void gan (conr, idn, hs) { if (idn == N) { ANS add (copy (con)); ANS add (copy (con)); rt; f(i:0;i<N;i++){ if (hs. find(A[i]) == fabr) {

cov[idn] = A[i]; hs. insmt(A(i));

ym (cm, id+1, hs); unds hs. remove (A[i]); 5



I Given an orry (DUPLICATES)
Generali all permetations! B[i]. v-l pli).t (1,07 (3,17 <1,17 (3,17) (1,27 (3,17 <1,17 (3,07