

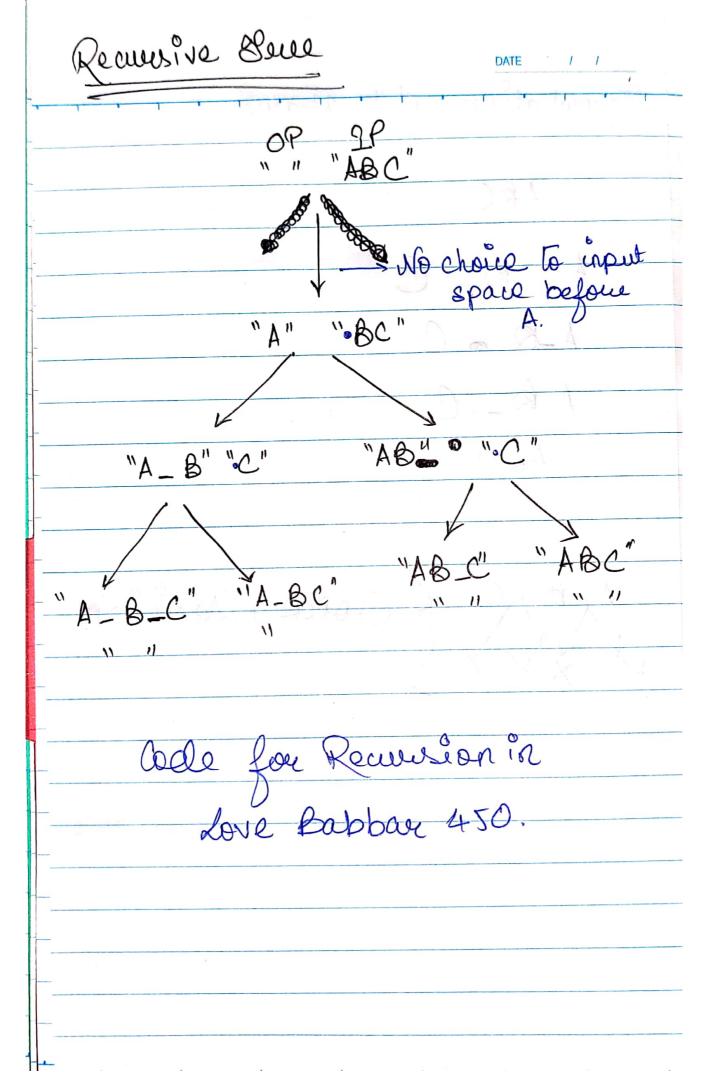
	DATE / /
	Towers of Hanoi
	그는 경영선계 하지 않는 것이 없는 그래에 대한 경우를 하는 것이 없는 것이 없다.
	void TOH (int n, int ferom sund, int to sund, int aux sund)
1	int aux-suod)
-	
-	y (n==1)
	out << fem und <<" " Cout << fem und <<" " Bet = oux - und for n-1  TOH (n-1, fuer und), aux - und, du to  - und)
	Dost = aux _ wood for n-i
	TOH (n-1, fuora_wool, aux_wool, du to
Section of the Property Commence of the Party Commence of the Part	cout << ferom << " " << aux - wod
	TOH (n-1, aux-wood, to-wood, ferom_evod)
-	
-	entur n;
-	
_	
	Las hyperganes in autore Ma Ro
	position is the visit of

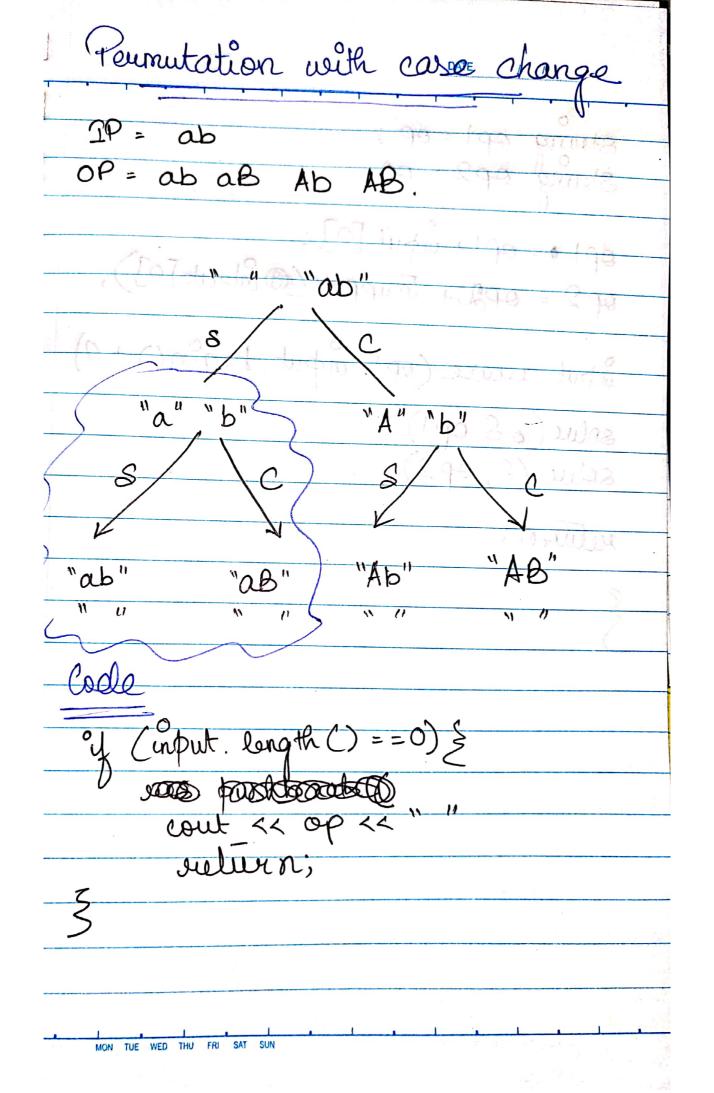
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(Punt sulvelle In menusiva base condition is (1) "a" leaf node Pinput (input length() == 0) {
cout & op << endl
returns Str op1 = op Str op2 = op. OP2 += 8+4/07 input enase/input bigial) +0) Solve (input, op1) Solve (input, 0P2) retulen

Uni que Sulvals DATE / / O Use a vector of stewngs and push all subsets in the vector @ Use Set to get unique subsets Pourt subele -> Pourt all Bouevesele Peint all Subsequences wara do. Puil Poussel ! West Same code sul seguence all subsett ouder; put in vector and sout.

Powered of Sulary of (Lucun itras) grus teelus (Not certification) matters Sulsequence Sulset Order also not nattus



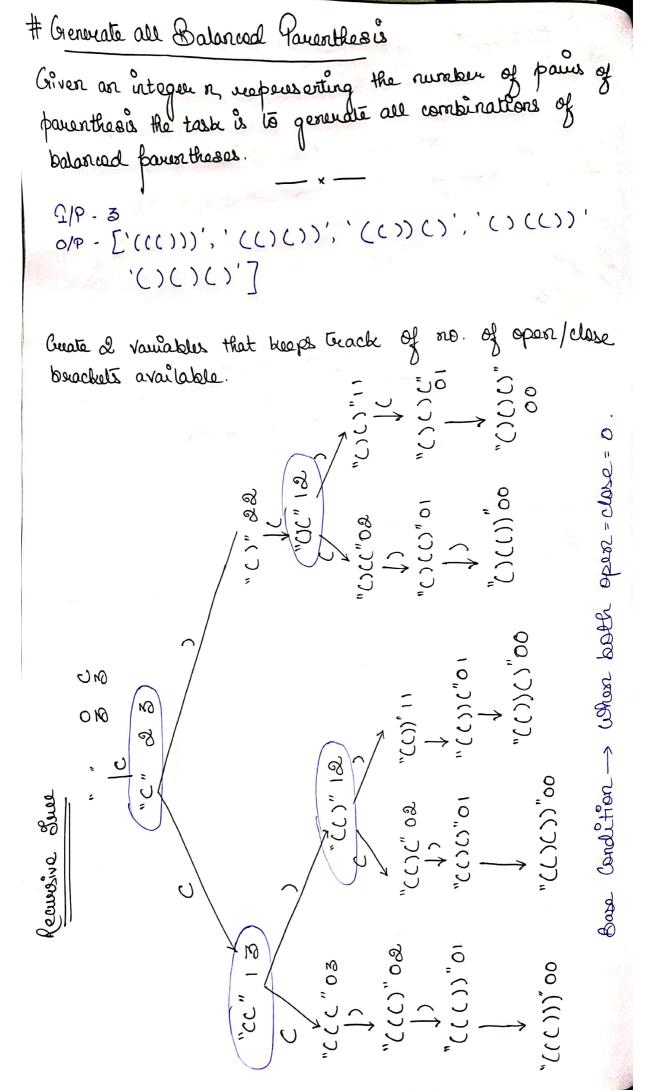


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Letter case Permutation Only changes fevor perev.

) Ce doput can be small capital

) digit also included. Cuse to so to upper "al &2" Can't assume parameter 2 & to upper Tolower "1B2" "A" "182" "B2" "alb" "alB" Alb." "AIB" "A162" "a182" MON TUE WED THU FRI SAT SUN



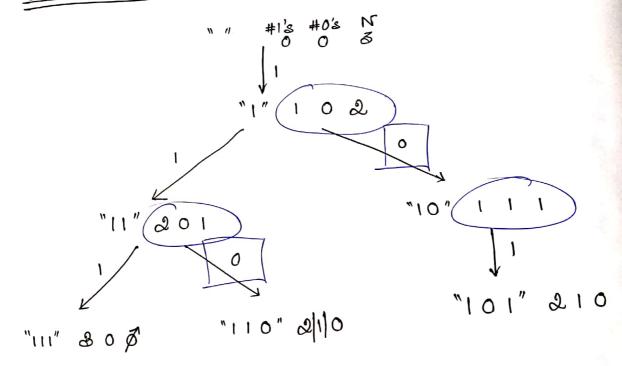
```
, horces
ous have chaices of "c" always untill on no available
o we have choices of ")" only when no of close buckets > no. of opening blackets.
void util (Stering op, int open, int close, vectorestring> & sus) }
    J(open == 0) 28 close == 0) }
       res. push_back (op);
     y (open 1=0) &
stowng op1=op;
       util (op1, open-1, close, sus);
 100 of (close > open) & (H-to) N to) HOROMORDAY to
   (1) String op2 = op; (1==1/27 1==1/2) 13
 op2#=")"
       util (op2, open, close-1, res);
     return;
                                   (6211: X 21) p
 Vector(string) AllParenthesis (intri) & 1) acutes mulan
     Vector(stung) res;
     Put open=n; sem-21-10) subset menton
     int close = n
    Stewng op = "
    util (op, many open, close, sues);
    return res;
```

#Pount N-but binary numbers having more 1's than 0's.

Grad all forsible N but binary numbers having more than or equal number of 1's than 0's you any freefix.

N=3 OIP=> 111 110 101

## Levis de Loise



## Conclusions

- 1 A 'I" is available always.
- @ We can include a "O" only when #18 > #0s.
- @ Base Condition (N=0).

```
void util (int No, int ones, int zenos, stering op, vectoristering)
      y (N== 0) §
          was push back (op)
          return;
                       11 Chaus of one always available
       string op1 = op;
        util (N-1, ones +1, zeuos, op1, mes);
       ones > zeros) S/1 Choice of zero only when #1's $#0's
             op2+ = "0";
              util (N-1, ones, zeues +1, op 2, res);
        richier res;
  Voctor (Stowing) NBPtBinary (int N) S
        vector & storing> evel;
        int ones = 0, zeuos = 0;
        strung op = " "
        util (15, ones, send, op, sus);
        selvern sees;
```