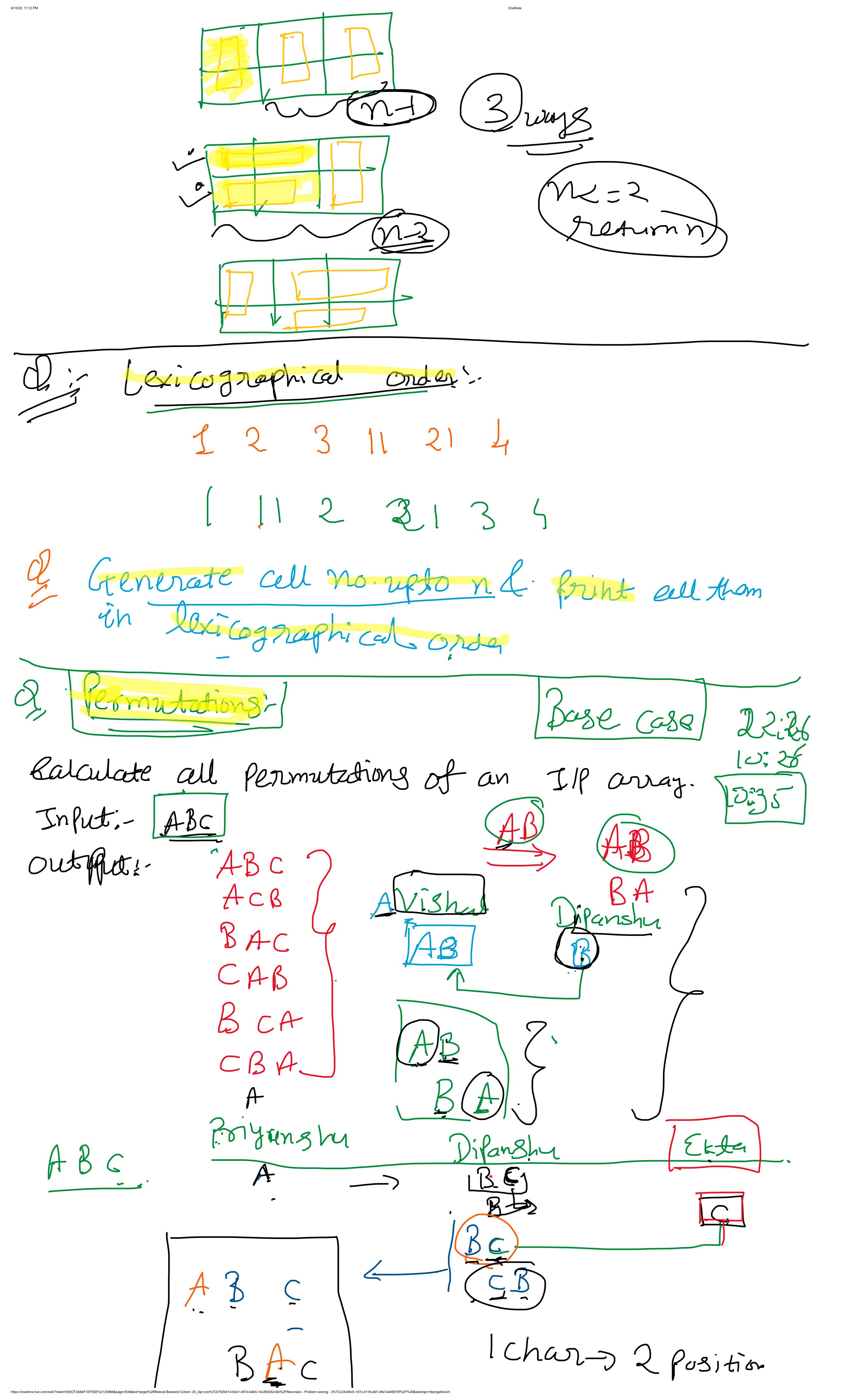


3 Presult-POPG
Tilling Problem:
De Given a En hoard:-, tile of 8ize 2*1
Que Count no of ways to file given board. Using 221 tiles
2 Placements - Storizontal (142) [].  2 Placements - Storizontal (142) [].
M=4 24n Size of bound 2xh
(. A) tiles in vertical
2. All tiles in horizontal
3.
4.
5.
n=3 (2dn)

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BCA

CAB

CBA

2 chas ->3 fesition

CAB

CBA

Bigger Rrob: - (Stor, index) -> (abc, o)
Smaller Prob Cabc, 1)

1. Base case

if Cindex = = str. Length-1) {

let br = 't];

br. Push ( [str. charAt (index)]);

return br;

q

2. Redursion:let res: Permutation (Str. indexti)

Let mr: [];

fon (let i=0; i < res-length; i++)

[let val= res[i]; // [bc]

fon (let i=0; i < res[i]; // [bc]

7,

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Child -> Stuistage

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