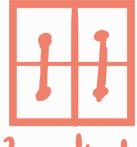
790. Domino and Tromino Tiling

* if the 163, output will be 1

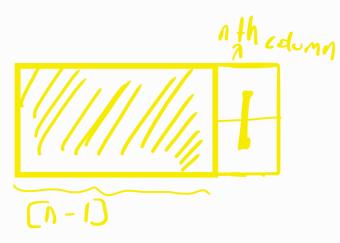
output = 1



2 ventical



output - 2



& if this was the case, we would need to solve for (n-1) full grid. Meaning Host, Full [n-1]

nth column

* if this was the case, we would need to solve for (n-2) full grid. Meaning that, Fulla-2]





id this was the cose, we would need to solve for (n-1) orid with bottom gap.

Meaning that,

Bottom Missins [n-1]

nth column



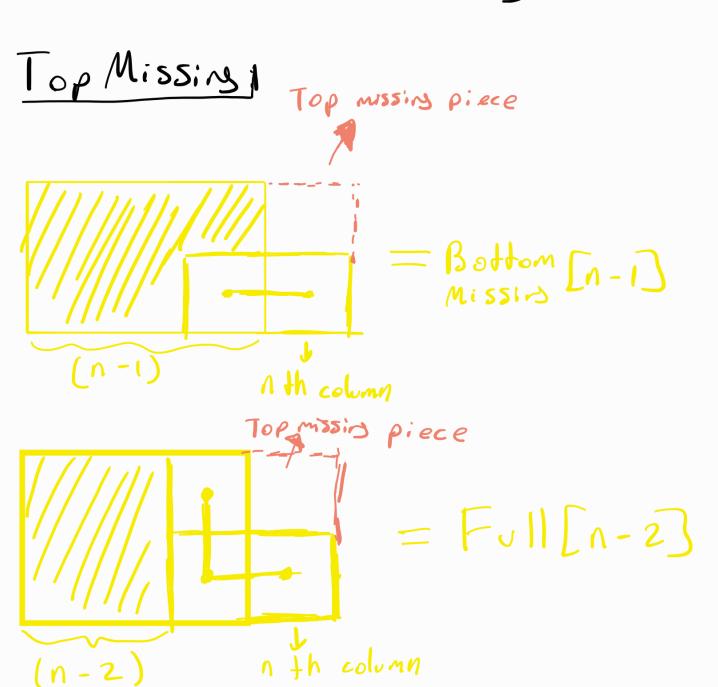
id this was the cose, we would need to solve for (n-1) orid with top gap.

Meaning that;

Top Missins [n-1]

those saps cannot be filled, so, no solution?

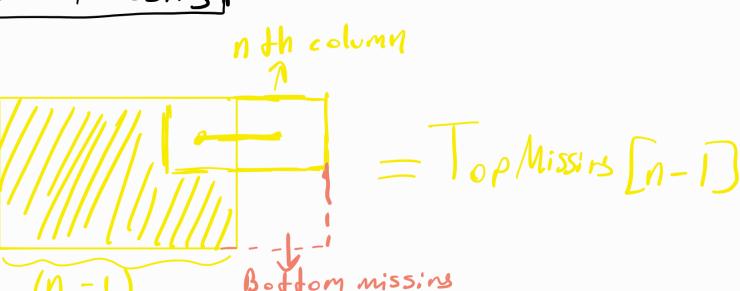
Computation et Top-Bottom Missing Pieces



Overall, TopMissirs piece can be obtained by these to patterns. So;

3

Bottom Missing



$$= F_{U} || [n-2]$$

$$(n-2)$$
Boltom missing piece

Overall, Botton Missins piece can be obtained by these to pattorns. So;

4

Conduding The Solution



* Initialize,

F[0] = 1, F[1] = 1

empty Recall; if
$$n \ge 3$$
, output = $n \ge 1$

T.M[1] = 0, B.M[1] = 0

impossible to insent these when $n = 1$

$$F_{U}[[n] = F_{U}[[n-1]] + F_{U}[[n-2]]$$

$$+ T_{op}M_{issing}[n-1] + BoHom[n-1]$$

$$M_{issing}[n]$$