13- Solve any Pattern Question - Mested loops

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To solve any pattern -

- 1) Outer loops is for the lines row -> *
- 2) Inner loop is for the columns (focus on the columns)
- 3) for the outer loops, count the no of ling
- 4) for the inner loops, focus on the col. and connect then somehow to the rows
- 5) Print them inside the Inner for loop
- 6) Observe symmetry (Optional)

* * * for the outer loop 4 times for (int i= 0; i=4; i+t) for (int j = 0; j < 4; j+t) cout exendling set spier mod to Observe Symmetry (Optional) yours > 5 - rows (outer loop)

for (int i = 0; i < n; i++) l por (int j=0; j ≤i; j++) Coutee" +", cout ecendl; (++ (1700) (0 L (++++)) a) and est 1000 number 3 1 2 3 1-2 1-3 D -> 3 3 lines (3) (1) -> for (inti=le; i <= n; i++) for (int j = 1; j <= i; j + t) cout <= 1 / (1) 7 = on = 0 cont ex end!;

04 4 4 4 4 5 5 5 5 5 for every you we are printing you nos. tolinti=o; ic=n; i+t) for (intj=0; j <= i; j ++) cont e l'illrow number (++); (== 1 ; (++) 1 -> 5 (1) -> no of lines => 45 (n) 2 -> 4 1 -> Total rows - rown +1 3 -> 3 > n-row +1 4 -> 2 e.g. n=5 row=1 row=1 5-> 1