* Day-1 - Pattern Problem 1

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- Do the following 4 steps and solve any pattern.

step-1 :- Write the pattern in row and columns -

	1	2	3	4	5 → columns (J)
1	*				
2	*	*			
3	*	*	*		
4	*	*	*	*	
5	*	*	*	*	*

↓ rows (i)

step-2 :- Write the stars/asterisk in Numbers - Matrix form

	1	2	3	4	5 → (J)
1	1				
2	1	2			
3	1	2	3		
4	1	2	3	4	
5	1	2	3	4	5

↓ (i)

∴ i = rows
J = columns

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- Notes by vHiren

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~ **step-3 :-** Generalize or standardalize rows and columns

	1	2	3	4	5
1		1 <= 1			
2		1 <= 2			
3		1 <= 3			
4		1 <= 4			
5		1 <= 5			

→ `<=` because, we have to print Stars to all the operand/numbers consisting within them.

Note :- now, here `_ <= _` → it indicates for columns too

↓

it indicates for columns.

~ But if we sawt, the rightmost part it varies adjacently with no of rows, hence we could say after generalizing ~ `J <= i`

∴ i = rows
J = columns

~ **step-4 :-** Write down the generalized condition

~ J <= i

~ Notes by vHitesh