

## Try this:

Write a program to display transpose of matrix entered by the user.



$$\begin{bmatrix} 1_{00} & 4_{01} & 7_{02} \\ 2_{10} & 5_{11} & 8_{12} \\ 3_{20} & 6_{21} & 9_{22} \end{bmatrix}$$

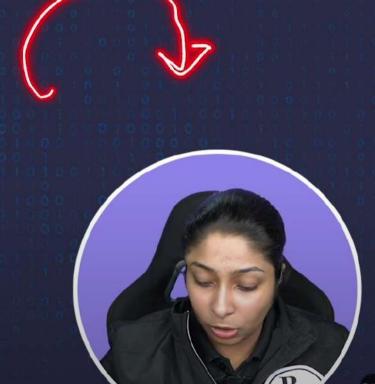
$$(0,1)$$
 (2,0)  
 $(0,2)$  (2,0)  
 $(1,0)$  (0,1)  
 $(1,0)$  (0,1)

	U	2	2	ح	SKILLS
0	1 00	\$ 7 OI	583 02	y 184 03	i=0,j=1 Swap(A[o][1],A[i][o]
(	22	6	7 10 A 12	M & 8	
2	9 3 20	10 A	1 22	12/215	i=1 , j=0 sweb (A [i][o], A [o][i]
3	و دیگرا	My 8 31	12 15 15 32	16 3 3	

## Try this:

Given a square matrix, turn it by 90 degrees in a clockwise direction without using any extra space.

1	2	3		7	4	1
4	5	6		8	5	2
7	8	9		9	6	3



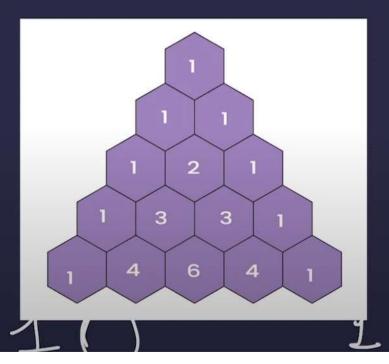
## Try this:

Given an integer n, return the first n rows of Pascal's triangle.

In Pascal's triangle, each number is the sum of the two numbers directly ab

as shown:

For n=5



	0		1000		H P
0	1,	1			
- [	1,0	1 11	2	100001	
2	1_20	2 21	1 2 2	3	
3	130	3 31	3,1	1,33	4
4	1 40	4 41	6 42	4,3	1,4

