

Patterns Part-5

Pattern 1

$$n = 5$$

Pattern 2

$n = 5$

				1				
			2	3	4			
		5	6	7	8	9		
	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	24	25

Pattern 3

$n = 5$

					1			
				1	2	1		
			1	2	3	2	1	
	1	2	3	4	3	2	1	
1	2	3	4	5	4	3	2	1

Pattern 4

$n = 5$

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

Pattern 5

n = 5

5	4	3	2	*
5	4	3	*	1
5	4	*	2	1
5	*	3	2	1
*	4	3	2	1

Pattern 6

$n = 5$

1

2 * 2

3 * 3 * 3

4 * 4 * 4 * 4

5 * 5 * 5 * 5 * 5

4 * 4 * 4 * 4

3 * 3 * 3

2 * 2

1

Pattern 7

n = 10

0
9 0 9
8 9 0 9 8
7 8 9 0 9 8 7
6 7 8 9 0 9 8 7 6
5 6 7 8 9 0 9 8 7 6 5
4 5 6 7 8 9 0 9 8 7 6 5 4
3 4 5 6 7 8 9 0 9 8 7 6 5 4 3
2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2
1 2 3 4 5 6 7 8 9 0 9 8 7 6 5 4 3 2 1