



# Patterns Part-5

# Pattern 1

$$n = 5$$

1

2

2

2

3

3

3

3

3

4

4

4

4

4

4

4

5

5

5

5

5

5

5

5

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
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
```