Industry-Level Nested Loop Pattern Questions – Pattern Outputs

1. Square Star Pattern

```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

2. Right-Angled Triangle

```
*
* *
* * *
* * * *
* * * * *
```

3. Inverted Right-Angled Triangle

```
* * * * *
* * * *
* * *
* *
*
```

4. Right-Aligned Triangle

```
        *
      * *
    * * *
  * * * *
* * * * *
```

5. Full Pyramid

```
        *
      * * *
    * * * * *
  * * * * * * *
* * * * * * * * *
```

6. Inverted Full Pyramid

```
* * * * * * * * *
  * * * * * * *
    * * * * *
```

```
   ***
    *
```

7. Hollow Pyramid

```
     *
    * *
   *   *
  *     *
*********
```

8. Increasing Number Triangle

```
1
12
123
1234
12345
```

9. Same Number Triangle

```
1
22
333
4444
55555
```

10. Floyd's Triangle

```
1
2 3
4 5 6
7 8 9 10
```

11. Continuous Number Pattern

```
1
23
456
78910
```

12. Number Palindrome Pyramid

```
    1
   121
  12321
 1234321
```

13. Star Diamond

```
        *
       ***
      *****
     *******
      *****
       ***
        *
```

14. Hollow Diamond

```
        *
       * *
      *   *
     *     *
      *   *
       * *
        *
```

15. Alphabet Triangle

```
A
AB
ABC
ABCD
```

16. Same Alphabet Pattern

```
A
BB
CCC
DDDD
```

17. Alphabet Palindrome Pyramid

```
    A
   ABA
  ABCBA
 ABCDCBA
```

18. Hollow Square

```
*****
*   *
*   *
*   *
*****
```

19. Hollow Right Triangle

```
*
```

```
**
* *
*   *
*****
```

20. X Pattern

```
*     *
 * *
  *
 * *
*     *
```

21. Plus Pattern

```
  *
  *
*****
  *
  *
```

22. Mixed Number-Star Pattern

```
1****
12***
123**
1234*
12345
```

23. Butterfly Pattern

```
*         *
**       **
***     ***
**** ****
**** ****
***     ***
**       **
*         *
```

24. Pascal's Triangle

```
    1
   1 1
  1 2 1
 1 3 3 1
```

25. Zig-Zag Pattern

```
*    *    *
```

```
 *   *   *   *
   *       *
```

26. Single Nested Loop Pattern

```
*
**
***
****
*****
```

27. Minimum Condition Pattern

```
*****
****
***
**
*
```

28. User Input Based Pattern (Example)

```
*
**
***
****
```

29. Dynamic Rows & Columns (Example)

```
###
###
###
```

30. Star to Number Pattern

```
1
22
333
4444
```