

100 STAR PATTERNS - VISUALIZATION

=====

Pattern 1: Square of stars

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

Pattern 2: Hollow square

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

Pattern 3: Right triangle (left aligned)

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

Pattern 4: Inverted right triangle

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

Pattern 5: Right triangle (right aligned)

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

Pattern 6: Inverted right triangle (right aligned)

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

Pattern 7: Half pyramid with numbers

1
12
123
1234
12345

Pattern 8: Half pyramid with alphabets

A
AB
ABC
ABCD
ABCDE

Pattern 9: Half pyramid with continuous numbers

1
23
456
78910

Pattern 10: Solid rectangle

Pattern 11: Hollow rectangle

* *
* *

Pattern 12: Single diagonal (\)

*

*

*

*

*

Pattern 13: Single diagonal (/)

*

*

*

*

*

Pattern 14: Cross (X)

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

Pattern 15: Plus (+)

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

Pattern 16: Vertical line

```
*  
*  
*  
*  
*
```

Pattern 17: Horizontal line

```
*****
```

Pattern 18: Right triangle with #

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

Pattern 19: Inverted triangle with #

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

Pattern 20: Triangle with row numbers

```
1  
22  
333  
4444
```

55555

Pattern 21: Full pyramid

```

      *
    ***
  *****
 *****
*****
*****

```

Pattern 22: Inverted full pyramid

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

Pattern 23: Diamond

```

      *
    ***
  *****
*****
*****
*****
  *****
    ***
      *

```

Pattern 24: Hollow diamond

*
 * *
 * *
 * *
 * *
 * *
 * *
 * *
 *

Pattern 25: Sandglass

```

*****
*
*****
*
*****
*
*****
*
*

```

```

    ***
  *****
*****
*****

```

Pattern 26: Hollow pyramid

```

    *
  * *
*   *
*     *
*****

```

Pattern 27: Hollow inverted pyramid

```

*****
*   *
*   *
*   *
*

```

Pattern 28: Half diamond

```

*
**
***
****
*****
*****
****
***
**
*

```

Pattern 29: Butterfly

```

*   *
**   **
***  ***
*****
*****
***  ***
**   **
*   *

```

Pattern 30: Hollow butterfly

```

*   *
* * * *
* ** *

```

```

*   *
*   *
* ** *
* * * *
*   *

```

Pattern 31: Pyramid with numbers

```

1
222
33333
4444444
555555555

```

Pattern 32: Pyramid with continuous numbers

```

1
123
12345
1234567
123456789

```

Pattern 33: Pyramid with alphabets

```

A
ABA
ABCBA
ABCD CBA
ABCDEDCBA

```

Pattern 34: Floyd's triangle

```

1
2 3
4 5 6
7 8 9 10

```

Pattern 35: Pascal's triangle (stars)

```

*
* *
* * *
* * * *
* * * * *

```

Pattern 36: Triangle with row numbers repeated

```

1
22
333

```

4444
55555

Pattern 37: Triangle with row number increasing

1
12
123
1234
12345

Pattern 38: Triangle with odd numbers

1
33
555
7777
99999

Pattern 39: Triangle with even numbers

2
44
666
8888
10101010

Pattern 40: Right triangle with alternating 0/1

1
01
101
0101
10101

Pattern 41: Pyramid with 0/1

1
101
10101
1010101
101010101

Pattern 42: Palindrome pyramid with numbers

1
121
12321
1234321
123454321

Pattern 43: Palindrome pyramid with alphabets

```
A
ABA
ABCBA
ABCD CBA
ABCDEDCBA
```

Pattern 44: Hollow half pyramid

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

Pattern 45: Hollow inverted half pyramid

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

Pattern 46: Numeric diamond

```
1
212
32123
4321234
543212345
4321234
32123
212
1
```

Pattern 47: Alphabet diamond

```
A
ABA
ABCBA
ABCD CBA
ABCDEDCBA
ABCD CBA
ABCBA
ABA
A
```


Pattern 48: Mirrored right triangle

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

Pattern 49: Mirrored inverted triangle

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

Pattern 50: Pyramid with row numbers only

```
1
222
33333
4444444
555555555
```

Pattern 51: Solid hourglass

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

Pattern 52: Hollow hourglass

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

Pattern 53: Number sandglass

12345
1234
123
12
1
12
123
1234
12345

Pattern 54: Alphabet sandglass

ABCDE
ABCD
ABC
AB
A
AB
ABC
ABCD
ABCDE

Pattern 55: Pyramid with spaces and stars

*
* *
* *
* *

Pattern 56: Double pyramid

* *
*** **

Pattern 57: Hollow double pyramid

* *
* * * *
* * * *
* * * *
* * * *

Pattern 58: Zig-zag stars

* *

```

* * * *
* * * *
* * * *

```

Pattern 59: Wave pattern

```

* * *
* * *
* * *
* *
* * *
* * *

```

Pattern 60: Hollow wave pattern

```

* *
* *
* *
* *
*

```

Pattern 61: Pyramid with row index

```

1
22
333
4444
55555

```

Pattern 62: Pyramid with continuous row index

```

1
23
456
78910

```

Pattern 63: Hollow pyramid with row index

```

1
2 2
3 3
4444444

```

Pattern 64: Numeric cross

```

1
1
11111
1
1

```

Pattern 65: Alphabet cross

```
A
A
AAAAA
A
A
```

Pattern 66: Diamond with row numbers

```
1
121
12321
1234321
123454321
1234321
12321
121
1
```

Pattern 67: Diamond with alphabets

```
A
ABA
ABCBA
ABCD CBA
ABCDEDCBA
ABCD CBA
ABCBA
ABA
A
```

Pattern 68: Butterfly with numbers

```
1  1
12 21
123 321
1234321
1234321
123 321
12 21
1  1
```

Pattern 69: Hollow butterfly with numbers

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

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

Pattern 70: Pascal's triangle (numbers)

```
  1
 1 1
1 2 1
1 3 3 1
1 4 6 4 1
```

Pattern 71: Symmetric triangle

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

Pattern 72: Symmetric inverted triangle

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

Pattern 73: Numeric right triangle increasing

```
1
12
123
1234
12345
```

Pattern 74: Numeric inverted right triangle

```
12345
1234
123
12
1
```

Pattern 75: Numeric right triangle reversed

5
45
345
2345
12345

Pattern 76: Numeric mirrored triangle

1
12
123
1234
12345

Pattern 77: Numeric inverted mirrored triangle

12345
1234
123
12
1

Pattern 78: Alphabet right triangle

A
AB
ABC
ABCD
ABCDE

Pattern 79: Alphabet inverted triangle

ABCDE
ABCD
ABC
AB
A

Pattern 80: Alphabet mirrored triangle

A
AB
ABC
ABCD
ABCDE

Pattern 81: Alphabet inverted mirrored triangle

ABCDE

ABCD
ABC
AB
A

Pattern 82: Palindrome right triangle

1
121
12321
1234321
123454321

Pattern 83: Palindrome inverted triangle

123454321
1234321
12321
121
1

Pattern 84: Palindrome alphabet triangle

A
ABA
ABCBA
ABCD CBA
ABCDEDCBA

Pattern 85: Palindrome alphabet inverted

ABCDEDCBA
ABCD CBA
ABCBA
ABA
A

Pattern 86: Numeric centered triangle

1
22
333
4444
55555

Pattern 87: Numeric pyramid

1
121
12321

1234321
123454321

Pattern 88: Hollow numeric pyramid

```

  1
 2 2
3 3
4 4
5555555555

```

Pattern 89: Alphabet pyramid

A
ABA
ABCBA
ABCDCA
ABCDEDCBA

Pattern 90: Hollow alphabet pyramid

```

  A
 B B
C   C
D   D
EEEEEEEEEE

```

Pattern 91: Concentric square (stars)

```

*****
*           *
*
* ***** *
* *      * *
* * * * * *
* *      * *
* ***** *
*
*           *
*****

```

Pattern 92: Concentric square (numbers)

555555555
544444445
543333345
543222345
543212345
543222345
543333345
544444445

55555555

Pattern 93: Checkerboard pattern

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

Pattern 94: Hollow checkerboard

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

Pattern 95: Snake number pattern

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

Pattern 96: Spiral numbers (5x5)

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

Pattern 97: Hollow spiral stars

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

Pattern 98: Triangle of stars (pascal aligned)

```

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

Pattern 99: Hourglass with numbers

123456789

1234567

12345

123

1

123

12345

1234567

123456789

Pattern 100: Final Master Diamond (numbers + stars)

1

121

12321

1234321

123454321

12345654321

1234567654321

123456787654321

12345678987654321

123456787654321

1234567654321

12345654321

123454321

1234321

12321

121

1