Advanced or Mixed Patterns

- 38. Zig-zag star pattern
- 39. X pattern with *
- 40. Hourglass pattern
- 41. Cross pattern using *
- 42. Spiral matrix pattern
- 43. Concentric square pattern with numbers
- 44. Diagonal number pattern
- 45. 0-1 triangle pattern
- 46. Palindrome triangle pattern
- 47. Heart shape pattern using *
- 48. Print number pyramid in center aligned
- 49. Pascal's triangle using binomial coefficients
- 50. Arrow shape pattern

Would you like code for each in JavaScript, C++, or Python?

Let me know if you want this as a PDF or categorized by difficulty level (easy/medium/hard).



20 beginer friendly list of questions

Here's a **beginner-friendly list of 20 pattern printing questions**, perfect if you're just starting out with loops, conditionals, and logic building:

20 Beginner Pattern Printing Questions

1. Print a square of stars

```
markdown

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```

2. Right-angled triangle (left-aligned)

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

3. Inverted right-angled triangle

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**
```

4. Right-angled triangle (right-aligned)

```
markdown

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

5. Pyramid pattern (center aligned)

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

6. Inverted pyramid pattern

```
markdown

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```

7. Triangle of numbers

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

8. Same number repeated per row

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

9. Floyd's triangle

```
1
2 3
4 5 6
```

10. Right-angled triangle of alphabets

```
A A B A B C
```

11. Right-angled triangle of continuous alphabets

```
A
B C
D E F
```

12. Triangle of 0 and 1 alternately

```
1
0 1
1 0 1
```

13. Number pyramid aligned center

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

14. Inverted number triangle

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

15. Hollow square

```
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* *

* *

****
```

16. Hollow right triangle

```
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*
* *
```

* * ****

17. Triangle of stars with increasing spaces

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*
 * *
 * *

18. Diamond of stars

markdown

*

19. Square with row numbers

1 1 1 2 2 2 3 3 3

20. Square with column numbers

1 2 3 1 2 3 1 2 3

Would you like the code for these in JavaScript or any other language?

Or do you want these as a **PDF worksheet or cheat sheet**?