🟢 Basic Level (Loop Understanding)

1. Print numbers from **1 to 10** using `for` loop.
2. Print numbers from **10 to 1**.
3. Print **even numbers** from 1 to 50.
4. Print **odd numbers** from 1 to 50.
5. Print the **sum of first 10 natural numbers**.
6. Print numbers from **1 to n** (user input).
7. Print the **square of numbers from 1 to 10**.
8. Print the **multiplication table of 5**.
9. Count numbers from **1 to 100**.
10. Print **Hello Java** 10 times.

🟡 Medium Level (Logic Building)

11. Find the **sum of digits** of a number.
12. Find the **reverse of a number**.
13. Check whether a number is **palindrome**.
14. Find the **factorial of a number**.
15. Count the **number of digits** in a number.
16. Find the **sum of even numbers** between 1 and 100.
17. Print **Fibonacci series** up to n terms.
18. Check whether a number is **prime**.
19. Print all **factors of a number**.
20. Find the **LCM** of two numbers.

🔵 Pattern-Based Questions (Very Important 🔥)

21. Print:

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

22. Print:

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

23. Print:

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

24. Print:

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

25. Print:

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

🔴 Tricky / Interview Type

26. Print numbers from **1 to 100**, skip multiples of **5**.
27. Print numbers from **1 to 50**, stop when number is **37**.
28. Find the **largest digit** in a number.
29. Check whether a number is **Armstrong**.
30. Count how many numbers between 1–100 are **divisible by 7**.