

● Basic Level (Understand the while loop)

1. Print numbers from 1 to 10 using while .
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 multiplication table of 5.
6. Print Hello Java 10 times.
7. Print numbers from 1 to n (user input).
8. Find the sum of first 10 natural numbers.
9. Count numbers from 1 to 100.
10. Print squares of numbers from 1 to 10.

● Medium Level (Logic Building)

11. Find the sum of digits of a number.
12. Reverse a given 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 largest digit in a number.
17. Check whether a number is prime.
18. Print all factors of a number.
19. Print Fibonacci series up to n terms.
20. Find the LCM of two numbers.

● Pattern & Control Based

21. Print:

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

22. Print:

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

23. Print:

A
B B
C C C
D D D D

24. Print numbers in this pattern:

1
2 3
4 5 6
7 8 9 10

25. Print:

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🔴 Tricky / Interview Type

26. Print numbers from 1 to 100, skip multiples of 3.
27. Print numbers until user enters 0.
28. Count how many even digits are in a number.
29. Check whether a number is Armstrong.
30. Print numbers from 1 to 50, stop when number becomes 37.