FOR Loop – Programming Questions

1. Write a program to print numbers from **1 to 100**.

2. Write a program to print all **even numbers** between **1 and 50**.

3. Write a program to print the **sum of first n natural numbers**.

4. Write a program to print the **multiplication table** of a given number.

5. Write a program to print all elements of a list using a for loop.

6. Write a program to count the **number of vowels** in a string.

7. Write a program to find the **largest number** in a list.

8. Write a program to print all **prime numbers** between **1 and 100**.

9. Write a program to calculate the **factorial** of a number using a for loop.

10. Write a program to print the **reverse of a string** using a for loop.

WHILE Loop – Programming Questions

11. Write a program to print numbers from **1 to 50** using a while loop.

12. Write a program to print all **odd numbers** between **1 and 50**.

13. Write a program to calculate the **sum of digits** of a number.

14. Write a program to **reverse a number** using a while loop.

15. Write a program to find the **factorial** of a number using a while loop.

16. Write a program to keep taking input from the user until the user enters **0**.

17. Write a program to find the **largest digit** in a number.

18. Write a program to check whether a number is a **palindrome**.

19. Write a program to print the **Fibonacci series** up to n terms.

20. Write a program to implement a **number guessing game** using a while loop.

Mixed (FOR + WHILE)

21. Write a program to print a **number pattern** using loops.

22. Write a program to count the **frequency of each character** in a string.

23. Write a program to print all **Armstrong numbers** between 1 and 1000.

24. Write a program to simulate an **ATM menu** using a while loop.

25. Write a program to find the **GCD** of two numbers using loops.