

C++ Programming Concept Based Questions

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Loop Questions

1. Write a program to print numbers from 1 to 100.
2. Create a program that prints the sum of the first n natural numbers.
3. Write a program to print the factorial of a number using a loop.
4. Create a program to print Fibonacci series up to n terms.
5. Write a program to display all prime numbers between 1 and 100.
6. Create a program to reverse a number.
7. Write a program to find the largest number in a series of inputs.
8. Create a program that counts the number of digits in a number.
9. Write a program that prints the multiplication table of a given number.
10. Create a program to display all even numbers between 1 and 100.
11. Write a program to display all odd numbers between 1 and 100.
12. Create a program that prints a pattern of stars in a pyramid shape.
13. Write a program to sum all even numbers between 1 and n.
14. Create a program that prints the numbers in reverse order.
15. Write a program to find the GCD of two numbers using loops.
16. Create a program to print a triangle of stars.
17. Write a program that counts the frequency of digits in a number.
18. Create a program to check if a number is a palindrome using a loop.
19. Write a program that prints the first 10 square numbers.
20. Create a program that prints a square of stars.
21. Write a program that prints a right-angled triangle of stars.
22. Create a program that sums the squares of the first n natural numbers.
23. Write a program to find the sum of digits of a number.
24. Create a program that prints a number pyramid.
25. Write a program to count how many times a digit appears in a number.
26. Create a program to print a zigzag pattern using stars.

27. Write a program to calculate the average of a series of numbers.

28. Create a program to print the factorial of numbers from 1 to n.

29. Write a program that generates random numbers and prints them until a certain number is reached.

30. Create a program to find the maximum difference between any two elements in a series of inputs.