

C++ Programming Concept Based Questions

Aazan Noor Khuwaja

IF-ELse Questions

1. Write a program to check if a number is positive, negative, or zero.
2. Write a program that accepts a grade (A, B, C, D, F) and prints the corresponding message.
3. Create a program to find the largest of three numbers.
4. Write a program to determine if a year is a leap year.
5. Create a program that checks if a number is even or odd.
6. Write a program to determine if a character is a vowel or consonant.
7. Write a program that checks if a triangle is valid based on its sides.
8. Create a program that converts a given temperature from Celsius to Fahrenheit.
9. Write a program to check if a number is prime.
10. Create a program that checks if a given string is a palindrome.
11. Write a program to find the absolute value of a number.
12. Create a program to check if a number is divisible by both 3 and
13. Write a program that prints a message based on the user's age (child, teenager, adult).
14. Create a program to classify a number as a perfect number.
15. Write a program that displays the corresponding month name based on a number (1-12).
16. Write a program to determine the maximum of two numbers using if-else.
17. Create a program to find the minimum of three numbers using if-else.
18. Write a program that prints the largest digit of a given number.
19. Create a program to determine if a given date is valid.
20. Write a program to check if two strings are anagrams.
21. Create a program to check if a number is an Armstrong number.
22. Write a program that gives a feedback score based on user rating (1-5).
23. Create a program that checks if a character is uppercase or lowercase.
24. Write a program that calculates the tax based on income brackets.
25. Create a program to find out if a number is a perfect square.
26. Write a program to determine the grade based on percentage.

27. Create a program that checks if a number is a Fibonacci number.

28. Write a program that checks whether a character is a special character.

29. Create a program that checks if a person is eligible to vote based on age.

30. Write a program to determine the color of a traffic light based on its input. Difference between any two elements in a series of inputs.