Certainly! Here’s a list of 50 exercise questions to practice conditionals and operators in C++:

**Basic Conditionals and Operators**

1. **Check if a number is positive, negative, or zero.**
2. **Determine if a given year is a leap year.**
3. **Find the largest of three numbers.**
4. **Check if a number is even or odd.**
5. **Determine if a number is divisible by both 3 and 5.**
6. **Check if a character is a vowel or consonant.**
7. **Calculate the absolute value of a number.**
8. **Check if a number is within a specific range (e.g., 10 to 20).**
9. **Determine if a number is a prime number.**
10. **Find the smallest of two numbers using conditional operators.**

**Intermediate Conditionals and Operators**

1. **Compute the greatest common divisor (GCD) of two numbers.**
2. **Check if a number is a perfect square.**
3. **Find the maximum and minimum of three numbers.**
4. **Determine if a given integer is a palindrome.**
5. **Calculate the factorial of a number using a conditional loop.**
6. **Find the sum of digits of a number.**
7. **Check if a number is an Armstrong number (e.g., 153 = 1^3 + 5^3 + 3^3).**
8. **Determine if a given number is a Fibonacci number.**
9. **Find out if a number is a power of 2.**
10. **Determine if a given age qualifies for different age groups (child, teenager, adult).**

**Advanced Conditionals and Operators**

1. **Calculate the discount price based on a given purchase amount and discount percentage.**
2. **Find the number of days in a given month and year.**
3. **Check if a given string contains only digits.**
4. **Determine if a string is a valid email address.**
5. **Classify a triangle based on the lengths of its sides (equilateral, isosceles, scalene).**
6. **Check if a number is a perfect number (e.g., 6 = 1 + 2 + 3).**
7. **Find the largest prime number less than a given number.**
8. **Convert a temperature from Celsius to Fahrenheit or vice versa based on user input.**
9. **Check if a given date is valid (e.g., 30th February is invalid).**
10. **Find the position of the first vowel in a string.**

**Nested Conditionals and Complex Logic**

1. **Determine the eligibility for a loan based on income, credit score, and age.**
2. **Check if a password meets complexity requirements (length, uppercase, lowercase, digit, special character).**
3. **Calculate the monthly installment for a loan given the principal, interest rate, and number of months.**
4. **Determine if a user input is a valid Roman numeral.**
5. **Classify an angle as acute, right, obtuse, or straight based on its value.**
6. **Calculate the grade of a student based on their marks using multiple conditions.**
7. **Check if a number can be expressed as the sum of two squares.**
8. **Determine if a string is a valid IPv4 address.**
9. **Classify a person’s BMI as underweight, normal weight, overweight, or obese.**
10. **Determine if a given input is a valid date in the format DD/MM/YYYY.**

**Practice with Logical Operators**

1. **Check if a number is either divisible by 7 or 11, but not both.**
2. **Determine if a number is within the range of 50 to 100 and is not divisible by 5.**
3. **Check if two given strings are anagrams of each other.**
4. **Find if a number is not a multiple of 4 and not a multiple of 6.**
5. **Determine if a given password is strong, considering length and complexity.**
6. **Check if a year is a century year (divisible by 100) and also a leap year.**
7. **Determine if a given number is either a multiple of 2 or 3, but not both.**
8. **Calculate the sum of all even numbers from 1 to a given number, excluding those divisible by 5.**
9. **Check if a user’s input is either a valid integer or a valid floating-point number.**
10. **Determine if a date is a weekend (Saturday or Sunday) or a weekday.**

These exercises cover a range of difficulty levels and scenarios to practice conditionals and operators in C++.