

1. Write a C++ program that checks if a number entered by the user is positive, negative, or zero using an "if statement".
2. Write a C++ program that checks if a character entered by the user is a vowel or a consonant using an "if statement".
3. Write a C++ program that determines if a number entered by the user is even or odd using an "if statement".
4. Develop a C++ program to find the value of equation $x^2 - 4x + 3$
5. Write a C++ program that following equation: $(x^2 + y^4) / Z^{3+n}$