Q.1. Write a program to calculate the factorial of a given number in C++, using recursion.

Q.2. Program to reverse String in C++ using Recursion.

Q.3. Write a countDown(int number) function in C++ using Recursion which prints countdown till zero to console, like count(3) should print 3 2 1 0.

Q.4. C++ program that converts a given number into words using recursion.

Q.5. Write a C++ program that calculates the value of a number raised to the power of another number using recursion.

Q.6. Write a recursive C++ function to check if a given string is a palindrome.

Q.7. Write a recursive C++ function to calculate the Greatest Common Divisor (GCD) of two positive integers.

Q.8. Write a program to Convert Decimal to Binary using Recursion in C++.