1.) File Manipulation using System Calls in C++ on Linux

Objective:

Create a C++ program that performs file manipulation using Linux system calls. The program should be able to:

Create a new file.

Write a specified string to the file.

Read the contents of the file and display them on the console.

Append additional text to the file.

Delete the file.

Requirements:

Use system calls like open, read, write, close, and unlink.

Handle errors appropriately by checking the return values of system calls and using perror to print error messages.

Ensure the program is modular with separate functions for each file operation (create, write, read, append, delete).





