**File Handling in C++:**

#include <iostream>

#include <fstream>

#include <string>

using namespace std;

int main() {

string fileName;

char choice;

// Get file name from user

cout << "Enter the file name: ";

cin >> fileName;

// Get user's choice for operation (read or write)

cout << "Enter 'r' to read from the file or 'w' to write to the file: ";

cin >> choice;

if (choice == 'r') {

// Open the file in read mode

ifstream inputFile(fileName);

if (inputFile.is\_open()) {

string line;

// Read data from the file and print line by line

while (getline(inputFile, line)) {

cout << line << endl;

}

inputFile.close();

} else {

cout << "Error opening file for reading." << endl;

}

} else if (choice == 'w') {

// Open the file in write mode (truncates existing content)

ofstream outputFile(fileName);

if (outputFile.is\_open()) {

string content;

// Get content from user to write to the file

cout << "Enter the content to write to the file: ";

getline(cin, content, '\n'); // Include newline character

outputFile << content << endl;

outputFile.close();

cout << "Content written to the file successfully." << endl;

} else {

cout << "Error opening file for writing." << endl;

}

} else {

cout << "Invalid choice. Please enter 'r' or 'w'." << endl;

}

return 0;

}

Output:

