

```
// This program asks the user for a file name. The file is
// opened and its contents are displayed on the screen.
#include <iostream>
#include <fstream>
#include <string>
using namespace std;

int main()
{
    string fileName; // To hold the file name
    char ch;          // To hold a character
    fstream file;    // File stream object

    // Get the file name
    cout << "Enter a file name: ";
    cin >> fileName;

    // Open the file.
    file.open(fileName, ios::in);

    // If the file was successfully opened, continue.
    if (file)
    {
        // Get a character from the file.
        file.get(ch);

        // While the last read operation was
        // successful, continue.
        while (file)
        {
            // Display the last character read.
            cout << ch;

            // Read the next character
            file.get(ch);
        }

        // Close the file.
        file.close();
    }
    else
        cout << fileName << " could not be opened.\n";
    return 0;
}
```