

Code:

```
#include <iostream>
#include <fstream>
#include <string>
using namespace std;

int main()
{
    ofstream outFile("output.txt");

    if (!outFile.is_open())
    {
        cerr << "Error opening the output file." << endl;
        return 1;
    }

    outFile << "Hello, Second Year Students" << endl;
    outFile << "Welcome to I2IT" << endl;
    outFile << "We are writing a file operation program." <<
endl;
    outFile << "Let's Begin....." << endl;

    outFile.close();

    ifstream inFile("output.txt");

    if (!inFile.is_open())
    {
        cerr << "Error opening the input file." << endl;
        return 1;
    }

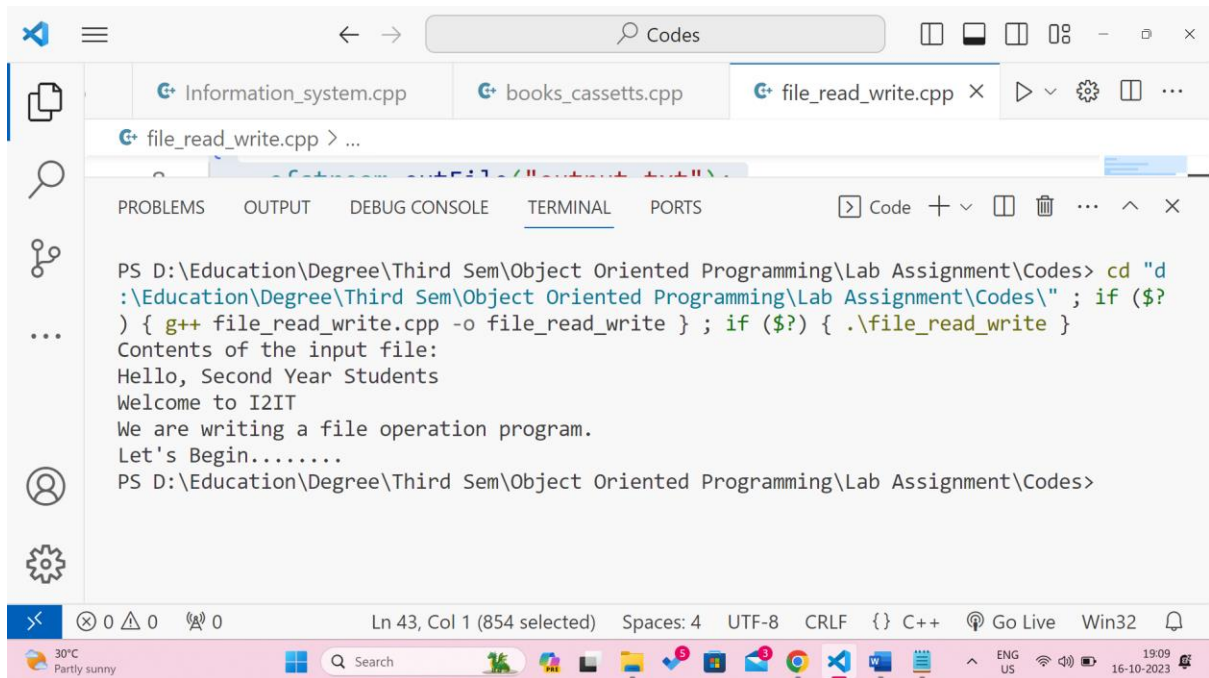
    string line;

    cout << "Contents of the input file:" << endl;
    while (getline(inFile, line))
    {
        cout << line << endl;
    }

    inFile.close();
}
```

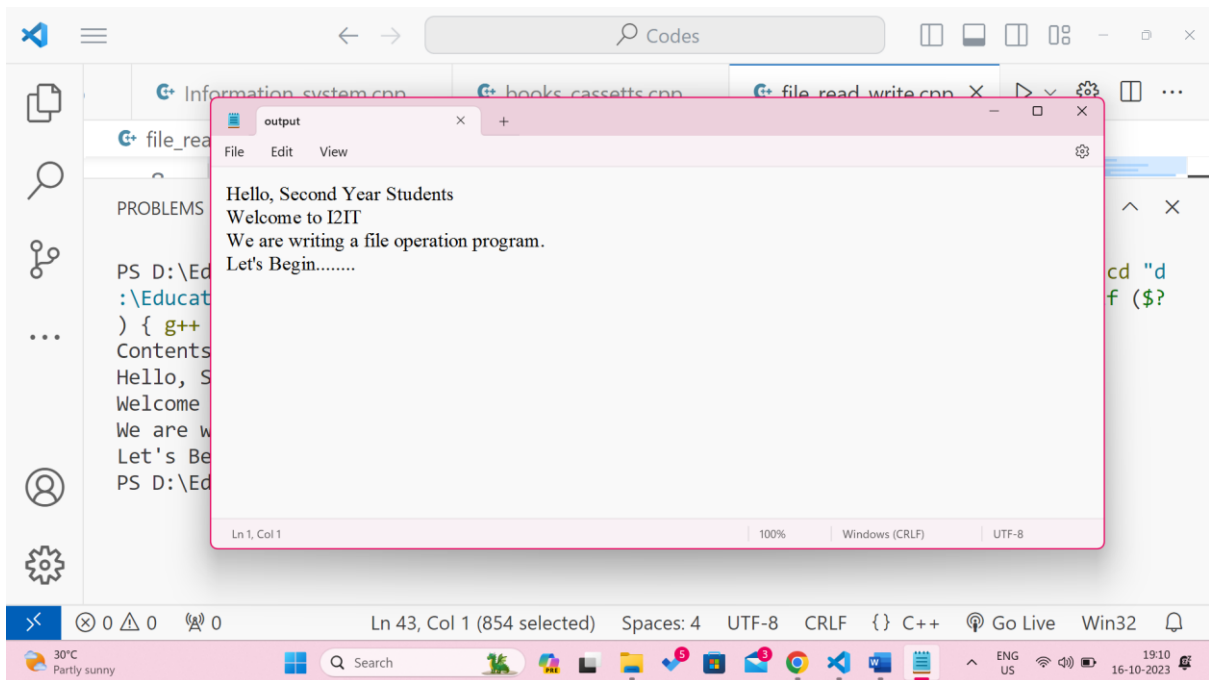
```
    return 0;
}
```

Output:



The screenshot shows the Visual Studio Code interface with the 'file\_read\_write.cpp' file open. The terminal window is active, displaying the command prompt and the output of the program. The command executed is `cd "D:\Education\Degree\Third Sem\Object Oriented Programming\Lab Assignment\Codes" ; if ($?) { g++ file_read_write.cpp -o file_read_write } ; if ($?) { .\file_read_write }`. The output of the program is as follows:

```
PS D:\Education\Degree\Third Sem\Object Oriented Programming\Lab Assignment\Codes> cd "D:\Education\Degree\Third Sem\Object Oriented Programming\Lab Assignment\Codes" ; if ($?) { g++ file_read_write.cpp -o file_read_write } ; if ($?) { .\file_read_write }
Contents of the input file:
Hello, Second Year Students
Welcome to I2IT
We are writing a file operation program.
Let's Begin.....
PS D:\Education\Degree\Third Sem\Object Oriented Programming\Lab Assignment\Codes>
```



The screenshot shows the Visual Studio Code interface with the 'file\_read\_write.cpp' file open. The 'output' window is open, displaying the output of the program. The output is as follows:

```
Hello, Second Year Students
Welcome to I2IT
We are writing a file operation program.
Let's Begin.....
```