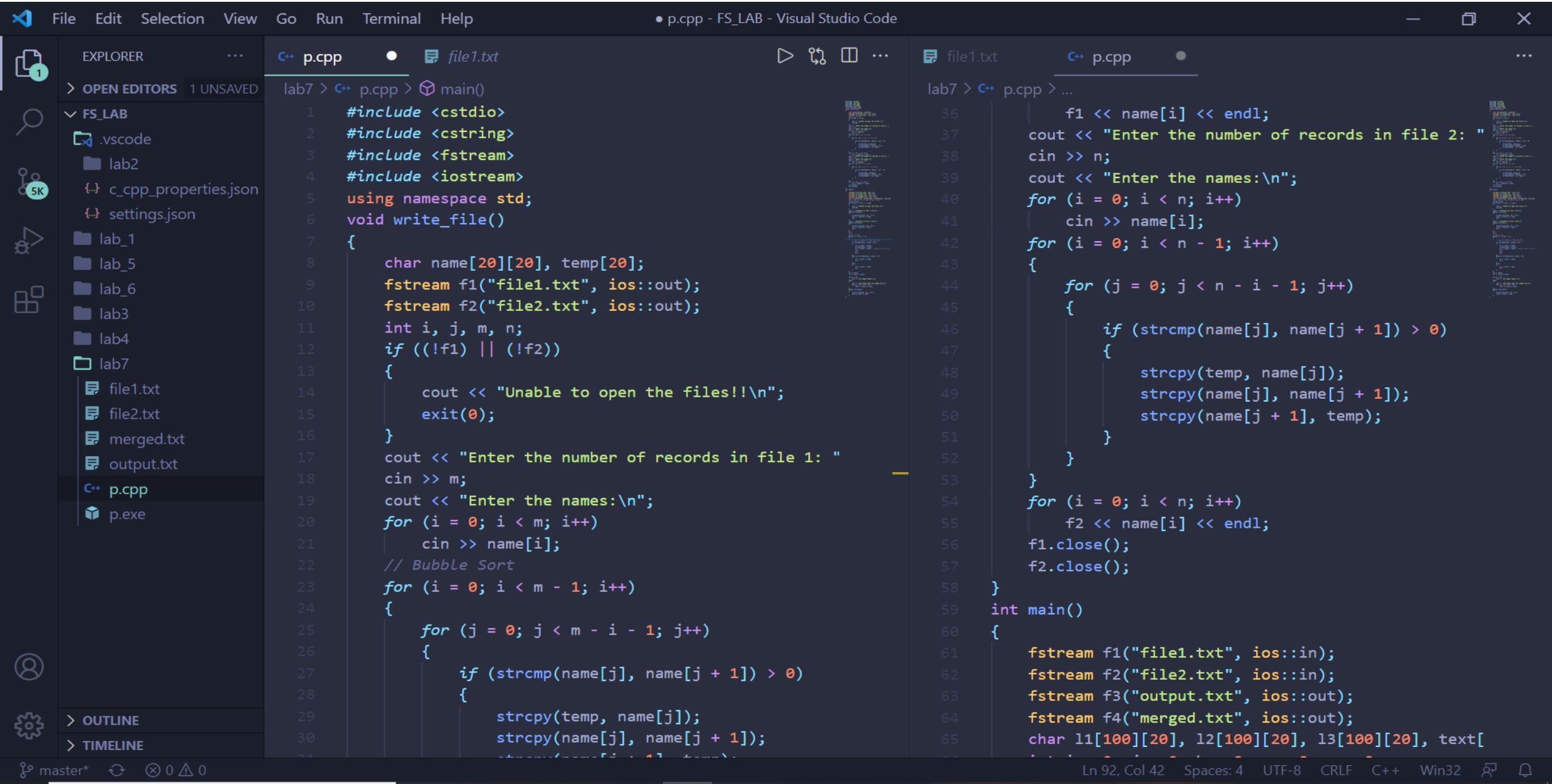
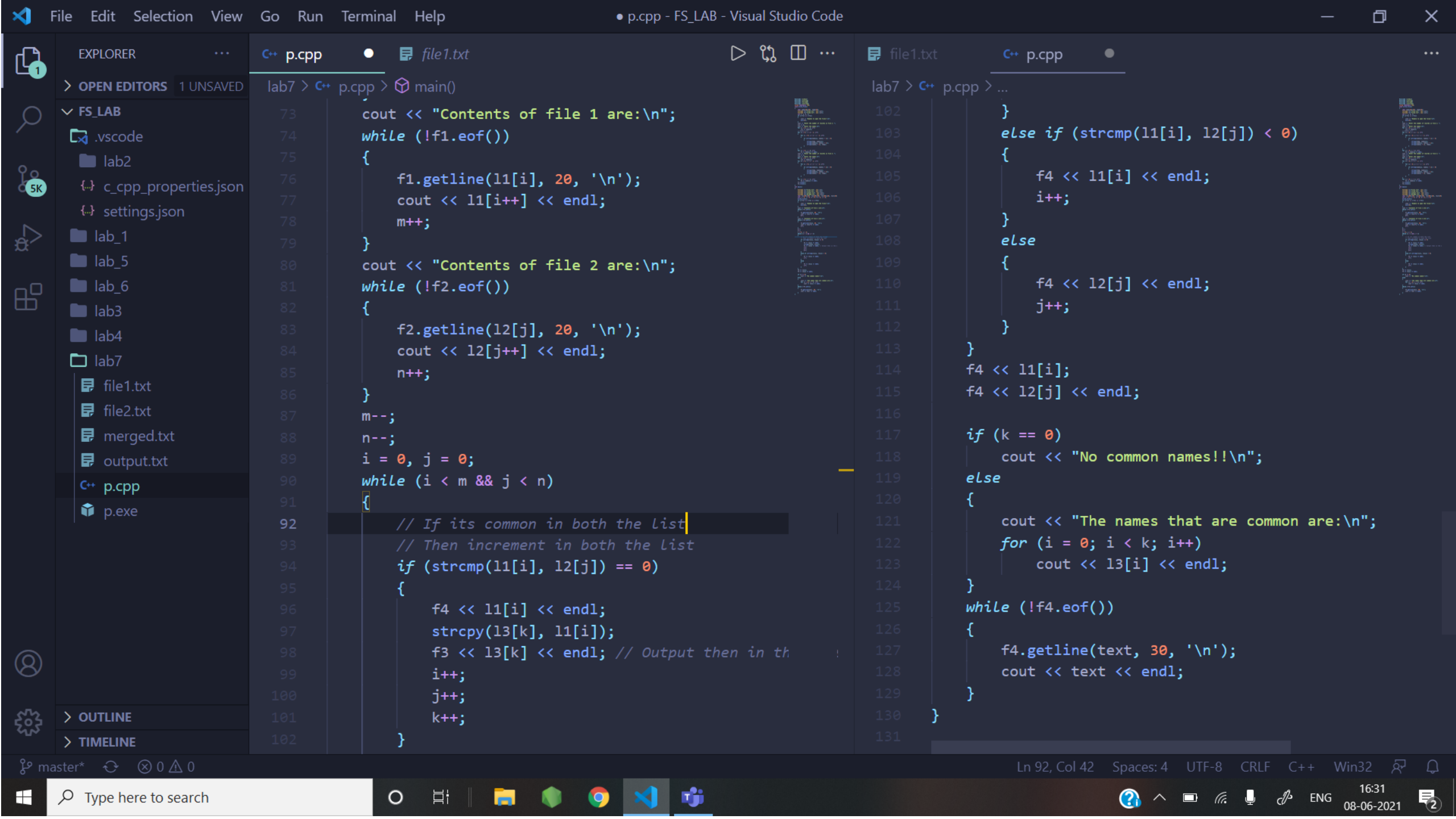

File Edit Selection View Go Run Terminal Help
p.cpp - FS_LAB - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
FS_LAB
.vscode
lab2
c_cpp_properties.json
settings.json
lab_1
lab_5
lab_6
lab3
lab4
lab7
file1.txt
file2.txt
merged.txt
output.txt
p.cpp
p.exe
OUTLINE
TIMELINE
p.cpp
file1.txt
lab7 > p.cpp > main()
#include <cstdio>
#include <cstring>
#include <fstream>
#include <iostream>
using namespace std;
void write_file()
{
char name[20][20], temp[20];
fstream f1("file1.txt", ios::out);
fstream f2("file2.txt", ios::out);
int i, j, m, n;
if ((!f1) || (!f2))
{
cout << "Unable to open the files!!\n";
exit(0);
}
cout << "Enter the number of records in file 1: "
cin >> m;
cout << "Enter the names:\n";
for (i = 0; i < m; i++)
cin >> name[i];
// Bubble Sort
for (i = 0; i < m - 1; i++)
{
for (j = 0; j < m - i - 1; j++)
{
if (strcmp(name[j], name[j + 1]) > 0)
{
strcpy(temp, name[j]);
strcpy(name[j], name[j + 1]);
file1.txt
p.cpp
lab7 > p.cpp > ...
f1 << name[i] << endl;
cout << "Enter the number of records in file 2: "
cin >> n;
cout << "Enter the names:\n";
for (i = 0; i < n; i++)
cin >> name[i];
for (i = 0; i < n - 1; i++)
{
for (j = 0; j < n - i - 1; j++)
{
if (strcmp(name[j], name[j + 1]) > 0)
{
strcpy(temp, name[j]);
strcpy(name[j], name[j + 1]);
strcpy(name[j + 1], temp);
}
}
}
for (i = 0; i < n; i++)
f2 << name[i] << endl;
f1.close();
f2.close();
}
int main()
{
fstream f1("file1.txt", ios::in);
fstream f2("file2.txt", ios::in);
fstream f3("output.txt", ios::out);
fstream f4("merged.txt", ios::out);
char l1[100][20], l2[100][20], l3[100][20], text[
master*
Ln 92, Col 42 Spaces: 4 UTF-8 CRLF C++ Win32
Type here to search
ENG
16:31
08-06-2021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• p.cpp - FS_LAB - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
FS_LAB
.vscode
lab2
c_cpp_properties.json
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lab_1
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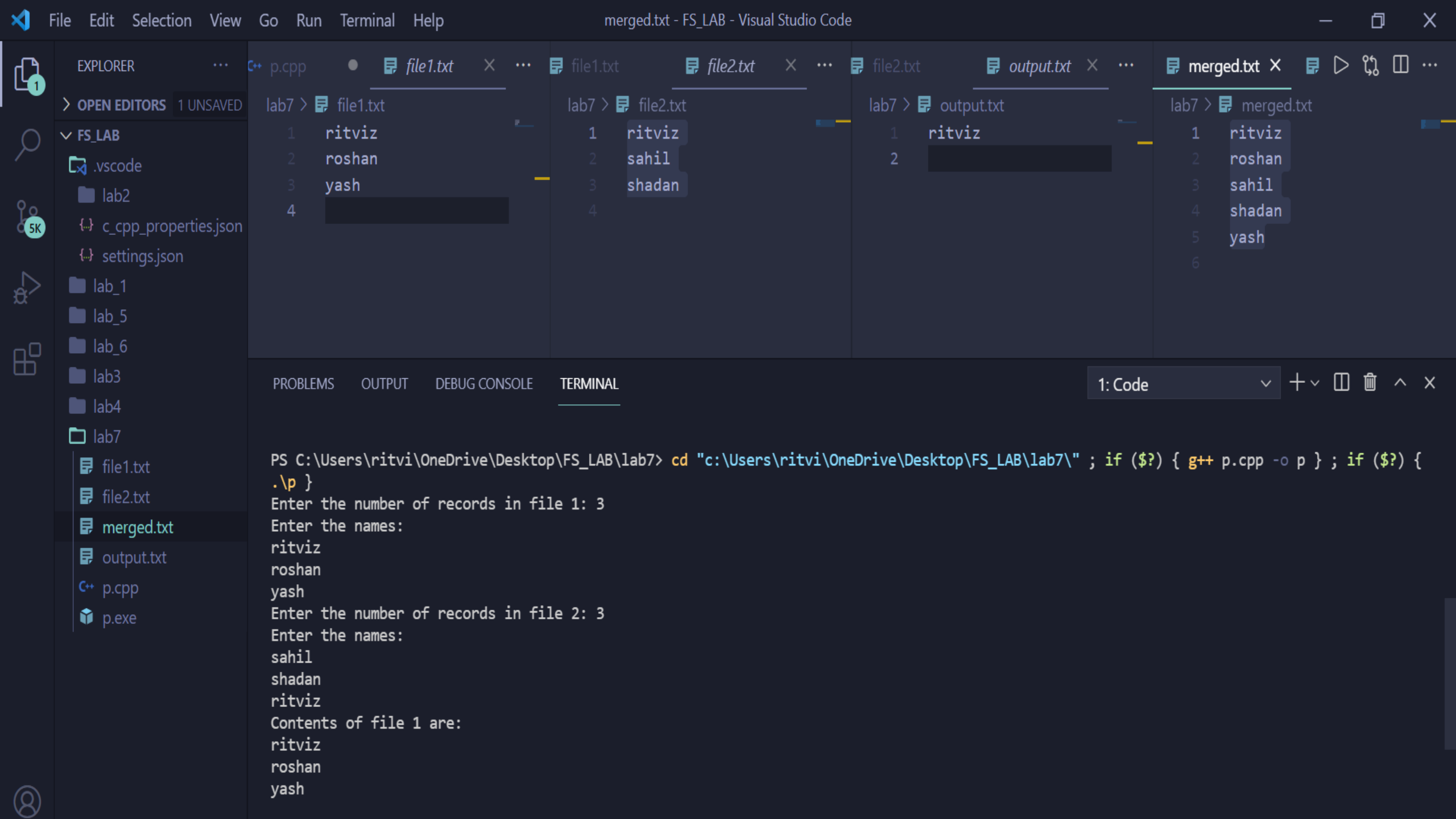
lab3
lab4
lab7
file1.txt
file2.txt
merged.txt
output.txt
p.cpp
p.exe
OUTLINE
TIMELINE
p.cpp
file1.txt
lab7 > p.cpp > main()
cout << "Contents of file 1 are:\n";
while (!f1.eof())
{
f1.getline(l1[i], 20, '\n');
cout << l1[i++] << endl;
m++;
}
cout << "Contents of file 2 are:\n";
while (!f2.eof())
{
f2.getline(l2[j], 20, '\n');
cout << l2[j++] << endl;
n++;
}
m--;
n--;
i = 0, j = 0;
while (i < m && j < n)
{
// If its common in both the list
// Then increment in both the list
if (strcmp(l1[i], l2[j]) == 0)
{
f4 << l1[i] << endl;
strcpy(l3[k], l1[i]);
f3 << l3[k] << endl; // Output then in th
i++;
j++;
k++;
}
file1.txt
p.cpp
lab7 > p.cpp > ...
}
else if (strcmp(l1[i], l2[j]) < 0)
{
f4 << l1[i] << endl;
i++;
}
else
{
f4 << l2[j] << endl;
j++;
}
}
f4 << l1[i];
f4 << l2[j] << endl;
if (k == 0)
cout << "No common names!!\n";
else
{
cout << "The names that are common are:\n";
for (i = 0; i < k; i++)
cout << l3[i] << endl;
}
while (!f4.eof())
{
f4.getline(text, 30, '\n');
cout << text << endl;
}
}
master*
0 0
Ln 92, Col 42
Spaces: 4
UTF-8
CRLF
C++
Win32
Type here to search
ENG
16:31
08-06-2021


File Edit Selection View Go Run Terminal Help
merged.txt - FS_LAB - Visual Studio Code
EXPLORER
OPEN EDITORS 1 UNSAVED
FS_LAB
.vscode
lab2
c_cpp_properties.json
settings.json
lab_1
lab_5
lab_6
lab3
lab4
lab7
file1.txt
file2.txt
merged.txt
output.txt
p.cpp
p.exe
p.cpp
file1.txt
lab7 > file1.txt
1 ritviz
2 roshan
3 yash
4
file1.txt
file2.txt
lab7 > file2.txt
1 ritviz
2 sahil
3 shadan
4
file2.txt
output.txt
lab7 > output.txt
1 ritviz
2
merged.txt
lab7 > merged.txt
1 ritviz
2 roshan
3 sahil
4 shadan
5 yash
6
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: Code
PS C:\Users\ritvi\OneDrive\Desktop\FS_LAB\lab7> cd "c:\Users\ritvi\OneDrive\Desktop\FS_LAB\lab7\" ; if ($?) { g++ p.cpp -o p } ; if ($?) {
.\p }
Enter the number of records in file 1: 3
Enter the names:
ritviz
roshan
yash
Enter the number of records in file 2: 3
Enter the names:
sahil
shadan
ritviz
Contents of file 1 are:
ritviz
roshan
yash