

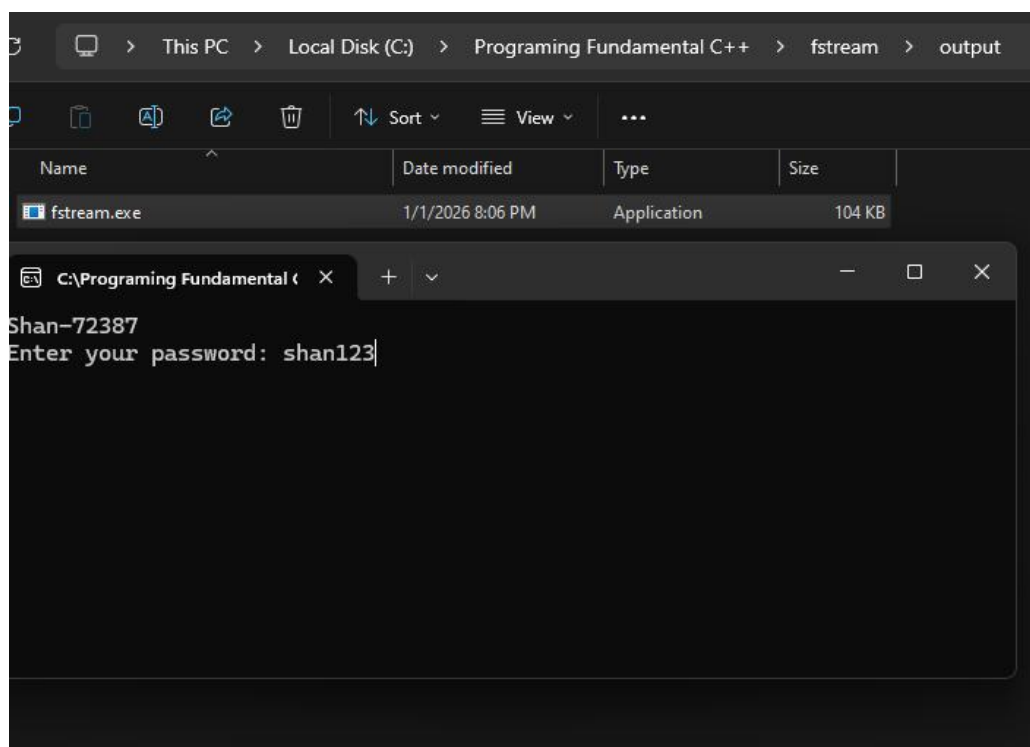
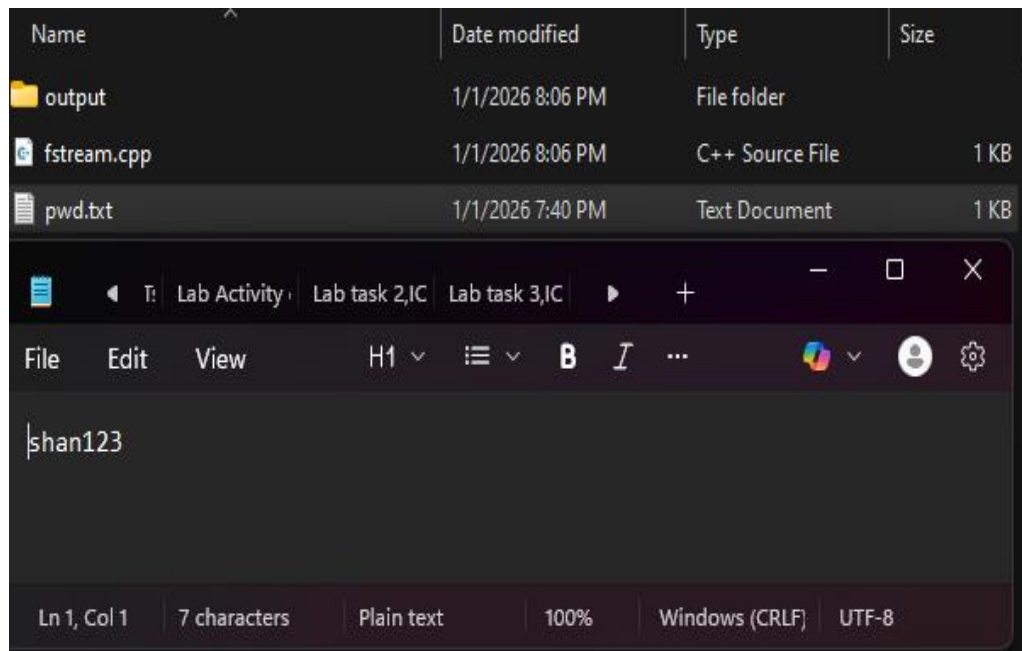
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PF LAB (BSAI)

LAB Task 10

Write a C++ program which read password from file pwd.txt and also get password from user. Compare both and if matched, display “Password Matched Successfully”, otherwise display “Invalid Password”.



```

1  #include <iostream>
2  #include <fstream>
3  using namespace std;
4  int main() {
5      cout << "Shan-72387" << endl;
6      char filePassword[50];
7      char userPassword[50];
8      ifstream inputFile("c:\\Programing Fundamental C++\\fstream\\pwd.txt");
9      if (!inputFile) {
10         cout << "Error: File 'pwd.txt' not found!" << endl;
11         cout << "Please make sure pwd.txt is in the same folder." << endl;
12         return 1;
13     }
14     inputFile >> filePassword;
15     inputFile.close();
16     cout << "Enter your password: ";
17     cin >> userPassword;
18     bool isMatch = true;
19
20     for(int i = 0; i < 50; i++) {
21         if(filePassword[i] != userPassword[i]) {
22             isMatch = false;
23             break;
24         }
25         if(filePassword[i] == '\0') {
26             break;
27         }
28     }
29     if (isMatch) {
30         cout << "Password Matched Successfully" << endl;
31     } else {
32         cout << "Invalid Password" << endl;
33     }
34
35     return 0;
36 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

PS C:\Users\hpbzo> cd 'c:\Programing Fundamental C++\fstream\output'
PS C:\Programing Fundamental C++\fstream\output> & .\'fstream.exe'
Shan-72387
Enter your password: shan123
Password Matched Successfully
PS C:\Programing Fundamental C++\fstream\output>

```