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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”.

Name	Date modified	Type	Size
output	1/1/2026 8:06 PM	File folder	
fstream.cpp	1/1/2026 8:06 PM	C++ Source File	1 KB
pwd.txt	1/1/2026 7:40 PM	Text Document	1 KB

File Activity Lab task 2,IC Lab task 3,IC

File Edit View H1 **I** ...

shant123

Ln 1, Col 1 7 characters Plain text 100% Windows (CRLF) UTF-8

This PC > Local Disk (C:) > Programming Fundamental C++ > fstream > output

Sort View ...

Name	Date modified	Type	Size
fstream.exe	1/1/2026 8:06 PM	Application	104 KB

C:\Programming Fundamental C++

Shan-72387
Enter your password: shant123

```
Project: Programming Fundamental C++ > istream > 1-istream.cpp > main()
```

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