Assignment 6: Team - Defend your code!

Defend your code!

Part 1

Write a program in the language of your choice (Java, C#, C++, Python) that does the following. Be sure and make clear to the user what is expected:

- prompts for and reads the user's first name, then last name -- each should be at most 50 characters
- prompts for and reads in two int values from the user
- prompts for reads the name of an input file from the user
- prompts for reads the name of an output file from the user
- prompts the user to enter a password, store the password, then ask the user to re-enter the password and verify that it is correct
- opens the output file and writes the user's name along with the result of adding the two integer values and the result of multiplying the two integer values, followed by the contents of the input file

Your program should do whatever you feel is necessary to ensure the above information is **properly obtained** (meaning you must get valid input from the user) and subsequently written to the output file -- *without error*. Any error that does arise should be reported to either the output file specified, or an error log file.

Your program should keep running until it gets proper input from the user. You must mandate proper input is entered and must not allow your program to crash.

Part 2

Now do the same thing in C!

NOTES

1. Your code should compile without problem using: gcc -pedantic -Wall -Wextra -Werror yourFile.c
2. Document any shortcomings you are able to identify with your program
3. Document what things you think you defended against in your code
4. Include your team name and member names at the top of your code
5. Make sure your code is clean and easy to read.
6. Your nefarious instructor will try and break your code / crash your program. Make sure he cannot do this!

Turn in a zip with all your source code along with output captures from testing each of your solutions (one output capture should be for chosen language, a second capture should be for C). Make sure your

name is on all source files. Include a README.txt that includes team member names, shortcomings, and any compilation instructions your code requires.

Points　120

Submitting　a file upload

File Types　zip

Due	For	Available from	Until
Nov 5, 2018	Everyone	-	-