COSC 1436 – Intro to Problem Solving II

Lab 2 Corrections

Lab2a.cpp

1. I completely changed the structure of the source code. I do not use recursion any more in the source code
2. I got rid of any kind of repetition in the source code. The source code is simpler than old version.
3. I got rid of abundant operations on the source code.
4. In summary, I did everything what you suggest me. By the way, it is really helpful; I recognized that my first program was ridiculous. ☺

Lab2b.cpp

1. I corrected word wraps in the source code.
2. I changed flags’ name now they are more meaningful.
3. In do-while loop, I put brace on the next line.
4. The program gets user name one time, I put get name operation out of the do-while loop.
5. I am using “cin.getline(passWord,LENGTH);” statement instead of “cin>>passWord;” so now password can contain space so I can check this space in the program.
6. I cleaned up main function, I put “if statements” about the flags into checkFlags function.
7. I corrected my prologues.
8. I corrected “checkLength” function and same for the other functions I just return 0 or 1instead of flags. It is simpler now.
9. I corrected “containUpper” function and same for the other functions, I use there for loop instead of while loop.
10. I corrected “containNonAlphaNumeric” function , I use there “ispunct” function instead of “isalnum”.