
Professional Integrity Report (CPS101)

Student Name: Alex McColm

Assignment #: 5

It took me 6 hours to complete the assignment.

These parts of the program work well:

All criteria in the assignment description have been met. The PasswordValidator methods are functional, including the isValid() method successfully checking for the length's password, if the password is a dictionary word, and if it is a dictionary word preceded or followed by a digit. The test driver successfully runs the specified tests.

These parts of the program don't work well (please identify the specific problem):

While the file path **is** relative, it may still need tweaking to work on another system. If I was writing this to be used by different systems, I think I'd have the program would ask the user for an absolute file path.

I learnt the following in doing the assignment:

Using hash tables in practice, as opposed to learning about them conceptually. Deeper work with Boolean values and conditional statements.

The difficulties I encountered were:

It was challenging to set up the Boolean values for whether the password is a dictionary word preceded or followed by a string. That part took a lot of tweaking and experimenting with string methods in JShell.

Here are some other comments or suggestions:

I like when the assignments include an optional bonus. It's a great opportunity to get extra marks.