

IT 210 – Fundamentals of Programming – Lab 4

This program requires you to work in a group of two or three write Python code that implements problem Business P5.30 in your text on page 271. That problem is restated here:

Having a secure password is a very important practice when much of our information is stored online. Write a program that validates a new password following these rules:

- The password must be at least 8 characters long
- The password must have at least one uppercase and one lowercase letter
- The password must have at least one digit

Write a program that asks for a password; then asks again to confirm it. If the passwords don't match or the rules are not fulfilled, prompt again. Your program should include a function that checks whether a password is valid.

Implementation comments:

- Start code has been provided on D2L. Use it.
- Simply add to the start code to implement the isValidPassword function. Use and leave the code that I have provided to test your function. It must be part of your submitted program.
- Appropriately comment your code and include your name as a comment on the first line.

Each member of the group must make a submission to D2L with your own name as a comment on line 1 and the name or names of other group members on the following lines. If you do the lab solo, I will deduct 20 points. Submit a copy of the lab to the Lab 4 D2L dropbox not later than **11:59 pm Friday** evening. Name your file Lab04.py.