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INFO I101
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Python Skill Check: Write Up

1. Keeping track of data types was important in this program because in the Python language you are unable to combine two different data types unless they are properly converted. So, you would have run into errors if you didn't mark that the user's input's type in [A] needed to be properly converted in order to multiply it by .04.

Similarly, in the password generator for [B] if you didn't note and make proper conversions than your list of words (or strings) and random-integer command would occur errors from trying to combine a string with an integer.

2. I find the 'start menu' for this program to be the most challenging or at least the most time consuming as I cycled through multiple different types of while loops before I found one that actually worked. With that said, I did enjoy the experimenting.

3. I would isolate snippets of code by testing it in a separate file and running it. And I would use print statements and breaks to test certain aspects of my code in order to make sure it flowed well together.

4. I enjoyed this assignment as I think the Tom Nook theme is pretty cute. And my only suggestion would be to make sure that the following is made clear earlier in the assignment:

“you do not have to bring the user back to main menu when they finish an option.”

When I realized I didn't need to cycle the user back to the main menu it made the assignment ten times easier making me wish I had noted this earlier in the assignment as it would have made it far easier.