Challenge Exercises

As part of Python Foundations training, you will be working on a series of challenge exercises designed to reinforce the concepts we're covering in the course.

I'm excited to see the creative solutions you come up with!

Please note the following important details regarding the submission of your code:

Submission Deadline:

All solutions for the challenge exercises must be submitted via Canvas **by November 16th**.

Code Readability:

One of the key aspects of writing good code is making it **readable** and **maintainable**. When submitting your code, please ensure the following:

- **Descriptive Names:** Use clear, meaningful names for variables, functions, and classes. This makes it easier for others (and for you) to understand the purpose of each element in your code.
- **Commenting:** While your code should be as self-explanatory as possible, be sure to include comments for any complex or non-obvious parts of the code. This is especially important for sections where logic might not be immediately clear or where assumptions are made.
- **Structure:** Organize your code into logical blocks, using functions when appropriate. Avoid overly long functions or complex one-liners.

The goal is not just to solve the challenges, but to do so in a way that makes the code easy to read, debug, and maintain over time. Writing clean, readable code is a skill that will serve you well in any software development project.

I look forward to reviewing your work and discussing the solutions during our course sessions.