Introduction to Python (Spring 2024)

Claudia Carroll, TRIADS

Session 2 (Jan 29th, 2024)

**Session 2 In-class Exercises**

Exercise 1:

Create a program called dept.py that asks you how many years you have been at Wash U, and what department you work in. Run the program from the command line. The output should be “Congratulations on working at the X department at Wash U for Y years”.

Exercise 2:

1. Create the following list to track your groceries and prices:

Groceries = [“apples”, “4”, “milk”, “5.9”, “bread”, “3”, “wine”, “15.5”]

1. Write the code to list out only the food items, followed by the number of food items (do not just manually count them!)
2. Write the code to extract the prices from the list, calculate the total, then output the following statement: The total cost of the groceries is $X

\*\*Hint: Watch your parentheses!\*\*