

Introduction to Python

Claudia Carroll, TRIADS

Class 1

Class 1 In-Class Exercises

1. Printing and Strings

Write the code to ask you how many years you have been at Wash U, and what department you work in. The output should be “Congratulations on working at the X department at Wash U for Y years”.

2. Indices and Operators

Create the following list to track your groceries and prices:

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

- i. Use indices to list out only the food items,
- ii. Use mathematical operators to list the number of food items
- iii. 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!*****