

# Assignment 1 Rubric

## Intro to Python

### Part 1

#### 1.1

Does the code do what is asked for and works for any length and type of list? (2 marks)

#### 1.2

Does the code do what is asked for and works for any length and type of list? (1 mark)

Is the explanation of what happens to the original list and how the list is reversed correct? (2 marks)

### Part 2

Does the code do what is asked for and work for arbitrary sizes of either dictionary? (2 marks)

### Part 3

Does the code work correctly for the 3 test cases? (3 marks)

## Birthday Paradox

Is the number of iterations/samples reasonable? (2 marks)

Is the list of duplicate days for each iteration correct? (3 marks)

Is the code commented and efficient (3 marks)

Is the probability of two people having the same birthday in a class of 45 calculated correctly? (2 marks)