

## **Python 2 Self-Test**

Write 3 Python projects based on each of the specified requirements. All 3 projects need to be completed (including testing) in 90 minutes or less.

### **1. Project 1: Sum of list function**

Create a function called `sumlist` that takes in one argument (called `num_list`). You may assume `num_list` is a list that only contains integers. Compute the sum of all of the numbers in `num_list` and return that sum. Do this **WITHOUT** using python's built-in `sum()` function. Example: `sumlist([3,4,5])` would return 12

### **2. Project 2: Vowel Count**

Ask the user to input a word. Count the number of vowels and consonants in the word. In this exercise, treat "y" as a vowel. If there are more vowels than consonants, print "More Vowels". If there are more consonants, print "More Consonants". If there are the same amount of each, print "Same".

### **3. Project 2: Dice Rolling Simulator**

Using the `random` module, create a program that simulates rolling a pair of dice every time the user types "roll". This can be done by generating numbers from 1-6 and displaying them on the screen. Keep allowing the user to type "roll" until the sum of the pair of dice rolled is 7. Once that happens, terminate the program.