FA 21 Smart and Healthy Buildings Heydarian, Campbell

Lab 2 Elmo's World **Due Date:** 2021-09-22 23:59

The goal of this assignment is to get you familiar with parsing information from the web and simple data analytics. Use pip to install pandas for python version 3 (i.e., pip install pandas)

## 1 Retrieving information from the web

Given the list of public user Github repositories found, generate a pandas data frame with the following columns for all students: {username, sesame (elmo, cookie monster, count), rps (rock, paper, scissor), sleep (morning bird, night owl, regular human)}, filling each row with their answers correspondingly. If you think you might have parsed the data incorrectly, export your results into a comma-separated values (CSV) format and upload this to collab.

- 2 How many students didn't finish their assignments according to GitHub?
- 3 How many students support Elmo?
- 4 How many students support cookie monster and are night owls?
- 5 How many students do not support Elmo, does not play rock, and are morning birds?

Extra credit: Generate a graph for each of the questions above using seaborn