Name/ID #: Aaron Garcia/030556771

Name of Assignment: Computer Assignment 1

Due Date: Sept 10, 2022

Submission Date: Aug 29, 2022

Outline:

This python code is used to simulate the 3 firms picking 3 months out of the calendar year at random. This will explain what each variable means and what it is doing to contribute to the simulation.

Sum: This aggregator variable is used by the system to keep track of the number of favorable outcomes that the program produces (When each firm picks a different month to conduct the auditing.)

K is the number of times the simulation is run, which is facilitated by "for k in range(K)" **months** is the array where the 3 randomly picked months are stored

month_Number is the random month variable, where a number 1-12 is picked and stored, each number representing the corresponding months in a year.

The functionality is commented in the program itself- refer to the python file for more information.

K=10 Output=0.6

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K=50 Output=.82

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K=100 Output=.72

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K=500 Output=.81

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Output=.754

