ICTPRG302 – Pseudocode – Alex Cojocariu

// put the names from the txt file into a list

staff = open("SULES\_Staff.txt", "r")

staff\_list = []

for line in staff:

single\_line = line.strip()

staff\_list.append(single\_line)

staff.close()

// grab the first letter of staff names in the staff\_list

part1 = []

def firstLetter():

firstLetter = [x[0] for x in staff\_list]

return firstLetter

part1 = firstLetter()

// get the last name of the staff

staff\_list\_joined = ' '.join(staff\_list)

def ConvertToList(string):

li = list(string.split(" "))

return li

seperated = ConvertToList(staff\_list\_joined)

part2 = seperated[1::2]

// generate 10 random 4-digit numbers

import random

part3 = []

for ten in range(10):

randomNumber = random.randint(1000,9999)

part3.append(randomNumber)

// create the usernames for each respective staff

usernames = []

for i in range(10):

part\_1 = part1[i]

part\_2 = part2[i]

part\_3 = part3[i]

concatinated = part\_1 + part\_2 + str(part\_3)

usernames.append(concatinated)

// write list to txt file SULES\_Usernames

with open("SULES\_Usernames.txt", "w") as f:

for line in usernames:

f.write(line)

f.write('\n')

f.close