#Patrick Morley

#Create User

import random

import os

import sys

import crypt

import re

def createUserName(line):

x = line.find(" ")

line = line[0] + line[x:]

line = line.replace(' ', '')

line = line.replace('-', '')

line = line.replace('\'', '')

line = line.replace('\n', '')

line = line.lower()

num = random.randint(1000, 9999)

line = line + str(num)

return line

def createPassword():

dictionary = ['bucket', 'volleyball', 'loaf', 'cycle', 'daffy', 'demonic', 'cobweb', 'carriage', 'sound', 'winter', 'button']

firstWord = random.choice(dictionary)

secondWord = random.choice(dictionary)

randnum = random.randint(1000, 9999)

password = (firstWord.lower() + str(randnum) + secondWord.upper())

return password

with open("UserNamesLvl1.txt", 'r') as namesfile:

for line in namesfile:

username = createUserName(line)

newpassword = createPassword()

with open("usersLvl1.txt", 'a') as usersfile:

usersfile.write("username: " + username + " password: " + newpassword + "\n")

encPass = crypt.crypt(newpassword, "22")

os.system("useradd p " + encPass + " " + username)

regex = (r"\b[a-z[a-z0-9]\*\b")

if re.search(regex, username):

match = re.search(regex, username)

print("username valid")

else:

print("username invalid")