**# To create linux users**

# To create linux users

import os, crypt, time

from datetime import datetime

import pdb # used for debugging

startTime = datetime.now()

print "Script started at: ",datetime.now()

file1 = open (r"list\_users.txt")

def addnewuser():

uexpire = time.strftime("%Y-%m-%d")

for user in file1:

print "Creating user",user

upass = crypt.crypt(user,"abc")

user = user.lower()

os.system("useradd -m -p "+upass+" -e "+uexpire+" "+user)

file1.seek(0) # or put file1 = open (r"list\_users.txt") before loop in function

def deluser():

for user in file1:

user = user.lower()

print ("Deleting user: " + user)

os.system("userdel -r " + user)

file1.seek(0) # or put file1 = open (r"list\_users.txt") before loop in function

# Starting the program

while True:

choice = input("Please select:\n1.Create User\n2.Delete User\n3.Exit!\n") # int return str, eval returns int

print "in main choice =",choice

if choice == 1:

addnewuser()

elif choice == 2:

deluser()

elif choice == 3:

#pdb.set\_trace() # used for debugging

break

else :

print("Please choose a valid number: ")

print "Script ended at:",datetime.now()

print("Good Bye")

## Problem face for some reason

file1 = open(r"list\_users.txt")

def addnewuser():

for user in file1:

print "Creating user",user

addnewuser()

addnewuser()

addnewuser()

addnewuser()

May I know while for loop runs only once, for some reason file1(file object) is not accessible for the second time onwards. The strange part is it doesn't give an error

Solution: Because the file object seeks at the end of the file (linux\_users.txt) look for the first time, either open file in each function or make fileObejct.seek() to 0, so that it starts reading from zero.