# -\*- coding: utf-8 -\*-

"""

date: 26/11/2020

comment: Projet Python 1SIOA

autor: LARMIER Maxime, LE SOMMER Kyllian

"""

#librairies

import os

from os import chdir

from os import path

import enquiries

#global variables

logfile\_path = ""

project\_path = ""

def readfile():

#open the file selected \ ouverture du fichier selectinné

global logfile\_path

global project\_path

openlog = open(project\_path+'/'+logfile\_path, 'r')

print(openlog.read())

openlog.close()

return 0

#path initialization \ initialisation du chemin d'accès

def ppath():

project\_path = input("enter project path (ex:/home/ex/project) or 'here' for current dir > ")

if project\_path == "here":

project\_path = os.getcwd()

#path existence verification \ vérification du chemin d'accès

while not os.path.exists(project\_path):

project\_path = input("path doesn't exist, please reenter the path > ")

chdir(project\_path)

print("\ncurrent path changed to: ", project\_path,"\n")

return project\_path

def lpath():

logfile\_path = input("enter log file name (log.txt) > ")

#file existence verification \ vérification de l'existence du ficher

while not os.path.exists(logfile\_path):

logfile\_path = input("file doesn't exist, please reenter the file name > ")

return logfile\_path

def gensqlfile():

global project\_path

global logfile\_path

xlog = open(project\_path+'/'+logfile\_path, 'r')

xdate = input('enter the date in the format:"yyyy-mm-dd" > ')

ligne=xlog.readline()

#les noms des fichiers de log sont 'log\_proxy\_'+date+'.txt'

#fichiersql= #variable de nom fichier de fichier

try:

for ligne in xlog:

#début insert

ligne=ligne.lower()

ligne=ligne.split(" ")

fichiersql = open(project\_path+'/'+'insert\_'+xdate+'.sql', "w+")

fichiersql.write(" INSERT INTO PROXY(ID, ADRESSEIP, DATEHEURE, URL) VALUES (SEQ\_ID2.nextVal, "+chr(39)+ligne[1]+chr(39)+", "+chr(39)+xdate+chr(39)+ ", "+chr(39)+ligne[4]+chr(39)+");\n")

xlog.close()

fichiersql.close() # close the logfile reading

print("\n Fichier sql géneré !")

except Exception as error:

print("\nerreur:\n")

print(error)

print("\n")

def hussein():

global project\_path

project\_path = os.getcwd()

return project\_path

def line\_count():

global logfile\_path

global project\_path

if project\_path != "" and logfile\_path != "":

file = open(project\_path+"/"+logfile\_path, 'r')

line\_number = len(file.readline())

file.close()

return line\_number

#menu

def menu():

os.system('clear')

global project\_path

global logfile\_path

xline = str(line\_count())

choice = ""

while choice != "exit":

print("current directory: [", project\_path, "]")

print("selected file: [", logfile\_path, "] ("+xline+" line)")

options = ['hussein', 'select path', 'select file', 'read logfile', 'generate sql file','debug', 'shell', 'exit']

choice = enquiries.choose('Choose one of these options: ', options)

if choice == "select path":

project\_path = ppath()

elif choice == "select file":

logfile\_path = lpath()

elif choice == "read logfile":

readfile()

elif choice == "generate sql file":

gensqlfile()

elif choice == "hussein":

project\_path = hussein()

logfile\_path = "log\_proxy\_2020-11-23.txt"

menu()