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#!/usr/bin/python3.8

from getpass import getpass
from mysql.connector import connect, Error
import sys
print("-----hello-----\n")

n = len(sys.argv)
print("Total arguments passed:", n)
print(" Main argument:", sys.argv[1])

# Connect to the database and then the table
try:
    with connect(
        host="localhost",
        user="utkarsht",
        password="locknfire",
    ) as connection:
        print(connection)
except Error as e:
    print(e)

print("CONNECTED TO DB")

# cursor.execute('CREATE DATABASE full_tracking_data_db;')
# create_table = """create table full_tracking_data
# (
#     href varchar(100),
#     time_stamp varchar(100),
#     cookies_enabled_bool boolean,
#     javascript_enabled_bool boolean,
#     cookie_tracker varchar(100),
#     ip_address varchar(100),
#     visitor_window_x int,
#     visitor_window_y int,
#     user_agent_string varchar(200),
#     font1_installed boolean,
#     font2_installed boolean,
#     font3_installed boolean,
#     font4_installed boolean,
#     font5_installed boolean
# );"""

l = sys.argv[1]
print('\n\n\n')
print(l.split(','), len(l.split(',')))
print(len(l.split(',')[0:13]))
href, timestamp, width, height, _, cookies_enabled, cookie_user_id, font1, font2,
font3, font4, font5, ip = l.split(',')[0:13]

href = href.split('/')[0].split('.')[0]

print("CONNECTED TO DssB")
useragent = l.split(',')[13:]
useragent = ' '.join(useragent)
useragent = "".join(e for e in useragent if e.isalnum())

print("Got useragent as" + useragent)
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# Split the arguments and insert them into table
insert_command = f'insert into full_tracking_data values ("{href}", {timestamp},
{cookies_enabled}, 1, {cookie_user_id}, "{ip}", {width}, {height}, "{useragent}",
{font1}, {font2}, {font3}, {font4}, {font5});'
print(insert_command)

connection.reconnect()
cursor = connection.cursor()
cursor.execute('USE full_tracking_data_db;')
cursor.execute(insert_command)
connection.commit()
cursor.close()
connection.close()

print("COMPLETED")
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