SQL query:

create table df1(

video\_id varchar2(100) NOT NULL,

trending\_date varchar2(100) NOT NULL,

title varchar2(500) NOT NULL,

channel\_title varchar2(100) NOT NULL,

category\_id number(30) NOT NULL,

publish\_time varchar2(100) NOT NULL,

tags clob NOT NULL,

views number(30) NOT NULL,

likes number(30) NOT NULL,

dislikes number(30) NOT NULL,

comment\_count number(30) NOT NULL,

thumbnail\_link clob NOT NULL,

comments\_disabled varchar2(30) NOT NULL,

ratings\_disabled varchar2(30) NOT NULL,

video\_error\_or\_removed varchar2(30) NOT NULL,

description clob NOT NULL)

create table df2(

video\_id varchar2(100) NOT NULL,

trending\_date varchar2(100) NOT NULL,

title varchar2(500) NOT NULL,

channel\_title varchar2(100) NOT NULL,

category\_id number(30) NOT NULL,

publish\_time varchar2(100) NOT NULL,

tags clob NOT NULL,

views number(30) NOT NULL,

likes number(30) NOT NULL,

dislikes number(30) NOT NULL,

comment\_count number(30) NOT NULL,

thumbnail\_link clob NOT NULL,

comments\_disabled varchar2(30) NOT NULL,

ratings\_disabled varchar2(30) NOT NULL,

video\_error\_or\_removed varchar2(30) NOT NULL,

description clob NOT NULL)

##########################################################################

Python script:

import pandas as pd

import threading

import cx\_Oracle as orcCon

from cx\_Oracle import DatabaseError

##########################################################################

def Query1():

try:

conn = orcCon.connect('C##MARFINI/250598@//localhost:1521/xe', threaded=True)

if conn:

print("cx\_Oracle version:", orcCon.version)

print("Database version:", conn.version)

print("Client version:", orcCon.clientversion())

cursor = conn.cursor()

print("You're connected: ")

print('Inserting data into table df1....')

for i,row in df1.iterrows():

sql1 = "INSERT INTO df1(video\_id, trending\_date, title, channel\_title, category\_id, publish\_time, tags, views, likes, dislikes, comment\_count, thumbnail\_link, comments\_disabled, ratings\_disabled, video\_error\_or\_removed, description) VALUES(:1,:2,:3,:4,:5,:6,:7,:8,:9,:10,:11,:12,:13,:14,:15,:16)"

cursor.executemany(sql1, tuple(row))

# the connection is not autocommitted by default, so we must commit to save our changes

conn.commit()

print("Record inserted succesfully")

except DatabaseError as e:

err, = e.args

print("Oracle-Error-Code:", err.code)

print("Oracle-Error-Message:", err.message)

finally:

cursor.close()

conn.close()

def Query2():

try:

conn = orcCon.connect('C##MARFINI/250598@//localhost:1521/xe', threaded=True)

if conn:

print("cx\_Oracle version:", orcCon.version)

print("Database version:", conn.version)

print("Client version:", orcCon.clientversion())

cursor = conn.cursor()

print("You're connected: ")

print('Inserting data into table df2....')

for i,row in df2.iterrows():

sql2 = "INSERT INTO df1(video\_id, trending\_date, title, channel\_title, category\_id, publish\_time, tags, views, likes, dislikes, comment\_count, thumbnail\_link, comments\_disabled, ratings\_disabled, video\_error\_or\_removed, description) VALUES(:1,:2,:3,:4,:5,:6,:7,:8,:9,:10,:11,:12,:13,:14,:15,:16)"

cursor.executemany(sql2, tuple(row))

conn.commit()

print("Record inserted succesfully")

except DatabaseError as e:

err, = e.args

print("Oracle-Error-Code:", err.code)

print("Oracle-Error-Message:", err.message)

finally:

cursor.close()

conn.close()

##########################################################################

thread1 = threading.Thread(name='#1', target=Query1)

thread1.start()

thread2 = threading.Thread(name='#2', target=Query2)

thread2.start()

thread1.join()

thread2.join()

print("Done!")