import sqlite3

def main():

conn = sqlite3.connect('cities.db')

cur = conn.cursor()

add\_cities\_table(cur)

add\_cities(cur)

conn.commit()

display\_cities(cur)

conn.close()

def add\_cities\_table(cur):

cur.execute('DROP TABLE IF EXISTS Cities')

cur.execute('''CREATE TABLE Cities (CityID INTEGER PRIMARY KEY NOT NULL,

CityName TEXT,

Population REAL)''')

def add\_cities(cur):

cities\_pop = [(1, 'Tokyo', 38001000),

(2, 'Delhi', 25703168),

(3, 'Shanghai', 23740778),

(4, 'Sao Paulo', 21066245),

(5, 'Mumbai', 21042538),

(6, 'Mexico City', 20998543),

(7, 'Beijing', 20383994),

(8, 'Osaka', 20237645),

(9, 'Cairo', 18771769),

(10, 'New York', 18593220),

(11, 'Dhaka', 17598228),

(12, 'Karachi', 16617644),

(13, 'Buenos Aires', 15180176),

(14, 'Kolkata', 14864919),

(15, 'Istanbul', 14163989),

(16, 'Chongqing', 13331579),

(17, 'Lagos', 13122829),

(18, 'Manila', 12946263),

(19, 'Rio de Janeiro', 12902306),

(20, 'Guangzhou', 12458130)]

for row in cities\_pop:

cur.execute('''INSERT INTO Cities (CityID, CityName, Population)

VALUES (?, ?, ?)''', (row[0], row[1], row[2]))

def display\_cities(cur):

print('Contents of cities.db/Cities table:')

cur.execute('SELECT \* FROM Cities')

results = cur.fetchall()

for row in results:

print(f'{row[0]:<3}{row[1]:20}{row[2]:,.0f}')

main()