import sqlite3

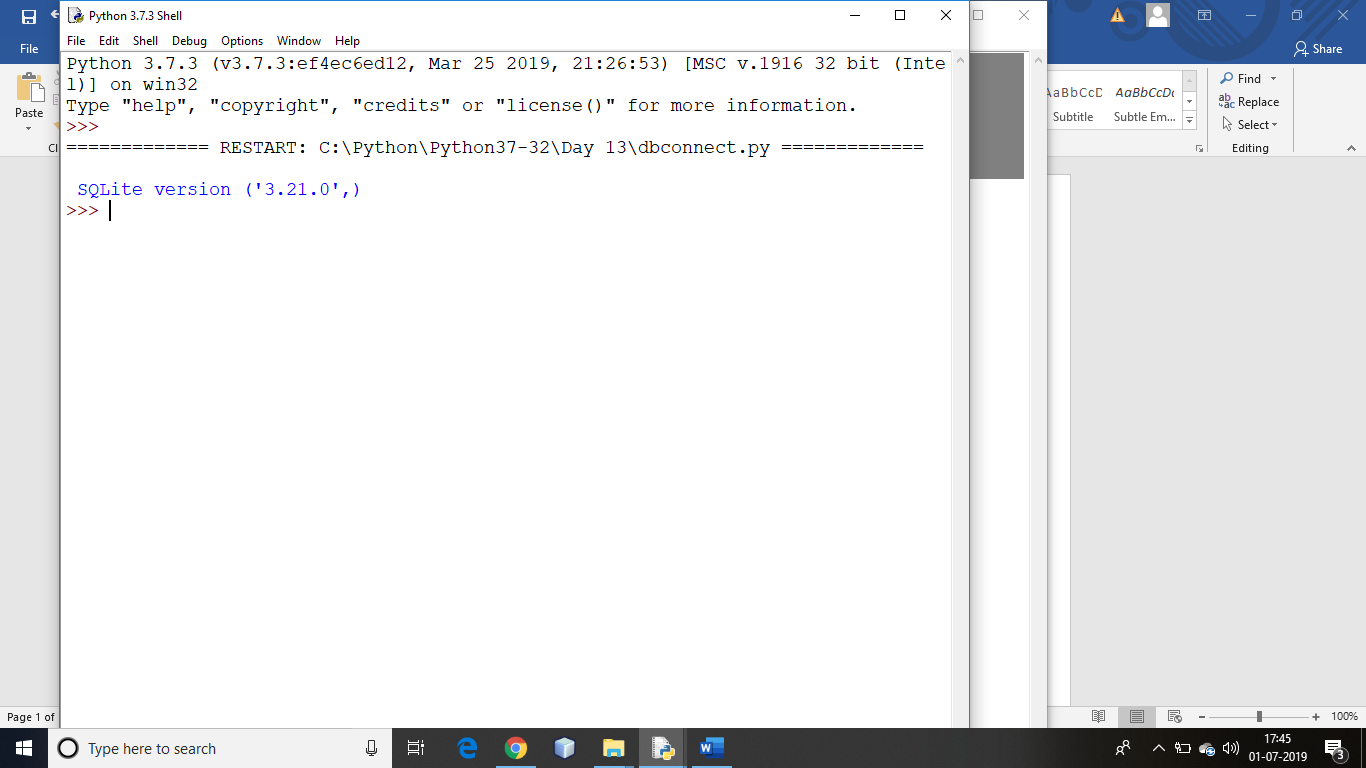
con=sqlite3.connect('test1.db')

cur=con.cursor()

cur.execute('SELECT SQLITE\_VERSION()')

data=cur.fetchone()

print("\n SQLite version",data)



import sqlite3 as lite

con=lite.connect('test.db')

with con:

cur=con.cursor()

cur.execute("DROP TABLE IF EXISTS Cars")

cur.execute('''CREATE TABLE Cars(

Id INT,Name TEXT,Price Int)''')

print("table cars created")

cur.execute("INSERT INTO Cars VALUES(1,'Audi',52642)")

cur.execute("INSERT INTO Cars VALUES(2,'Mercedes',52127)")

print("values in table car inserted")

import sqlite3 as lite

con=lite.connect('test.db')

with con:

cur=con.cursor()

cur.execute("SELECT \* FROM Cars")

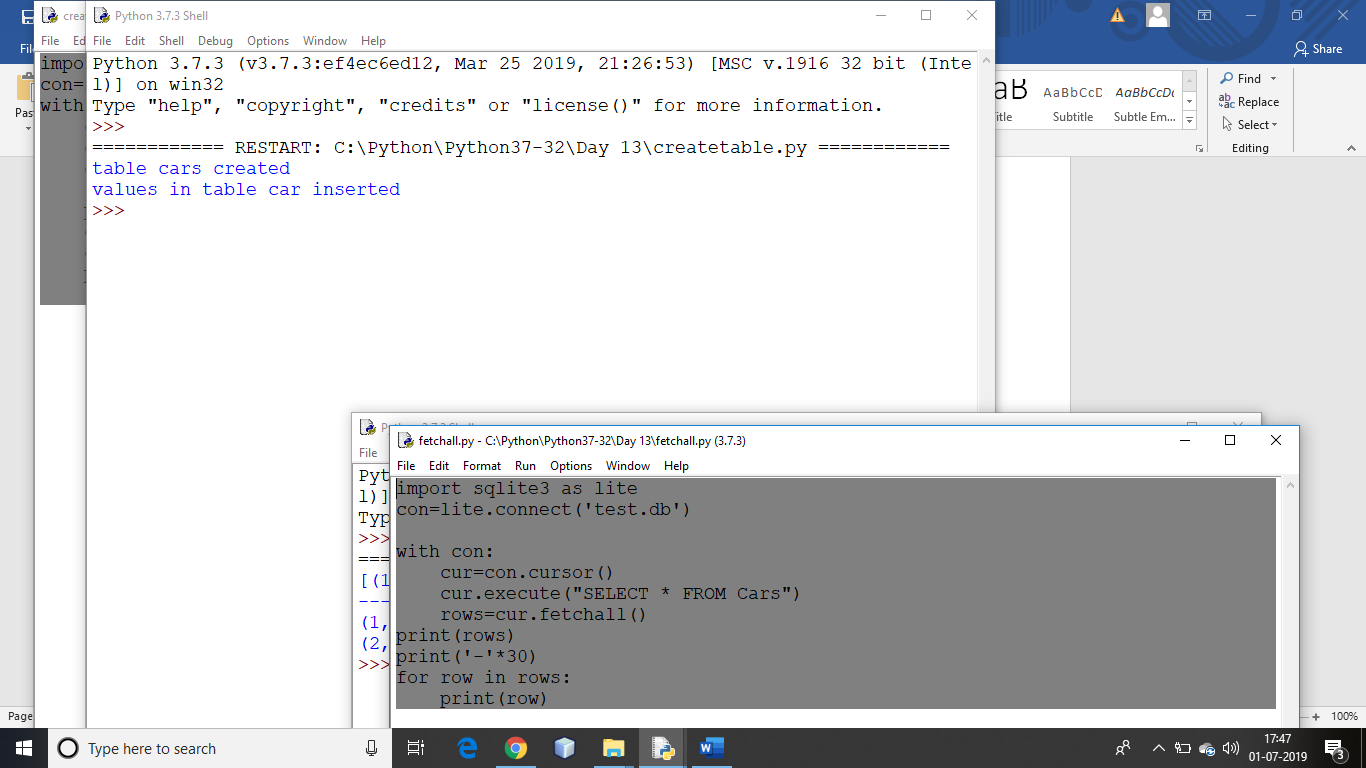
rows=cur.fetchall()

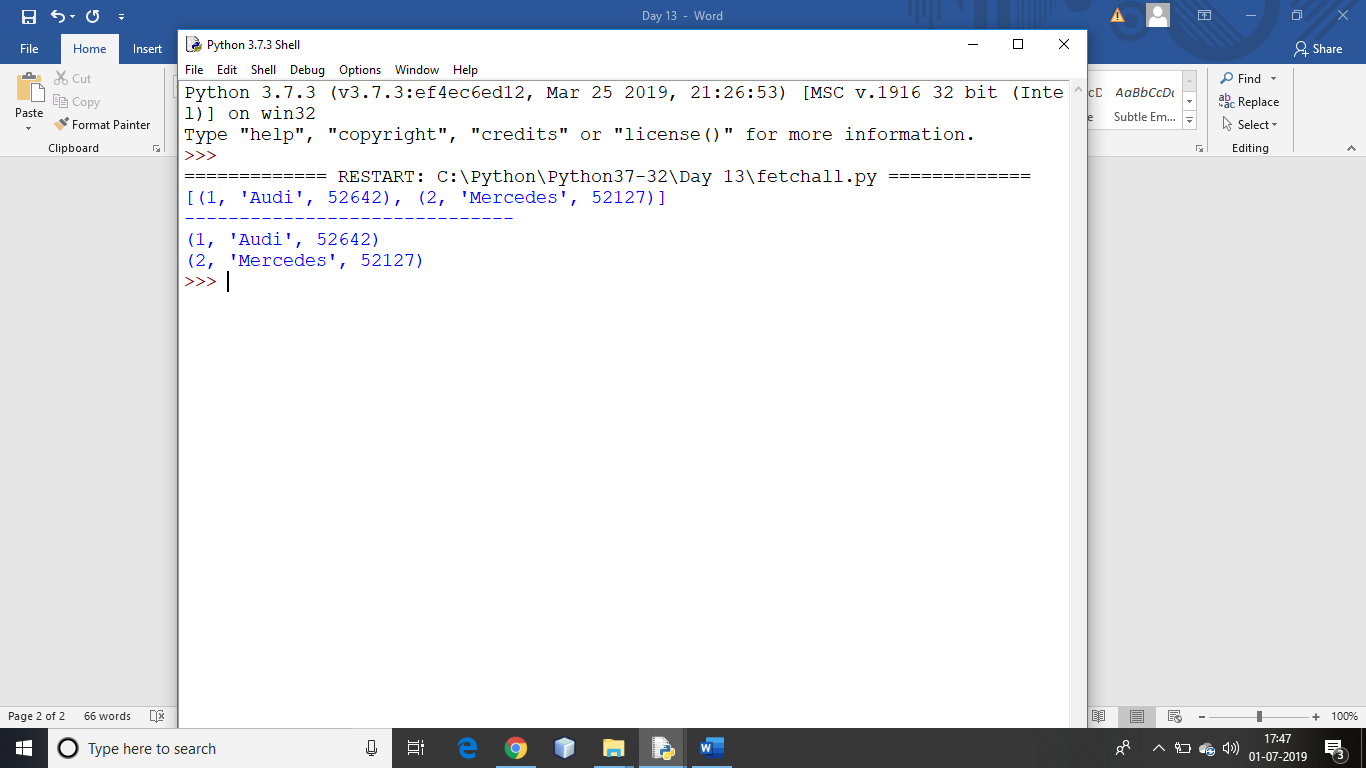
print(rows)

print('-'\*30)

for row in rows:

print(row)





import sqlite3 as lite

cars=(

(1,'Audi',52642),

(2,'Mercedes',57127),

(3,'skoda',9000),

(4,'Volvo',29000),

(5,'Bentley',350000),

(6,'Hummer',41400),

(7,'Volkswagen',21600)

)

con=lite.connect('test.db')

with con:

cur=con.cursor()

cur.execute("DROP TABLE IF EXISTS Cars")

cur.execute("CREATE TABLE Cars(Id INT,Name TEXT,Price Int)")

cur.executemany("INSERT INTO Cars VALUES(?,?,?)",cars)

import sqlite3 as lite

con=lite.connect('test.db')

with con:

cur=con.cursor()

cur.execute("SELECT \* FROM Cars")

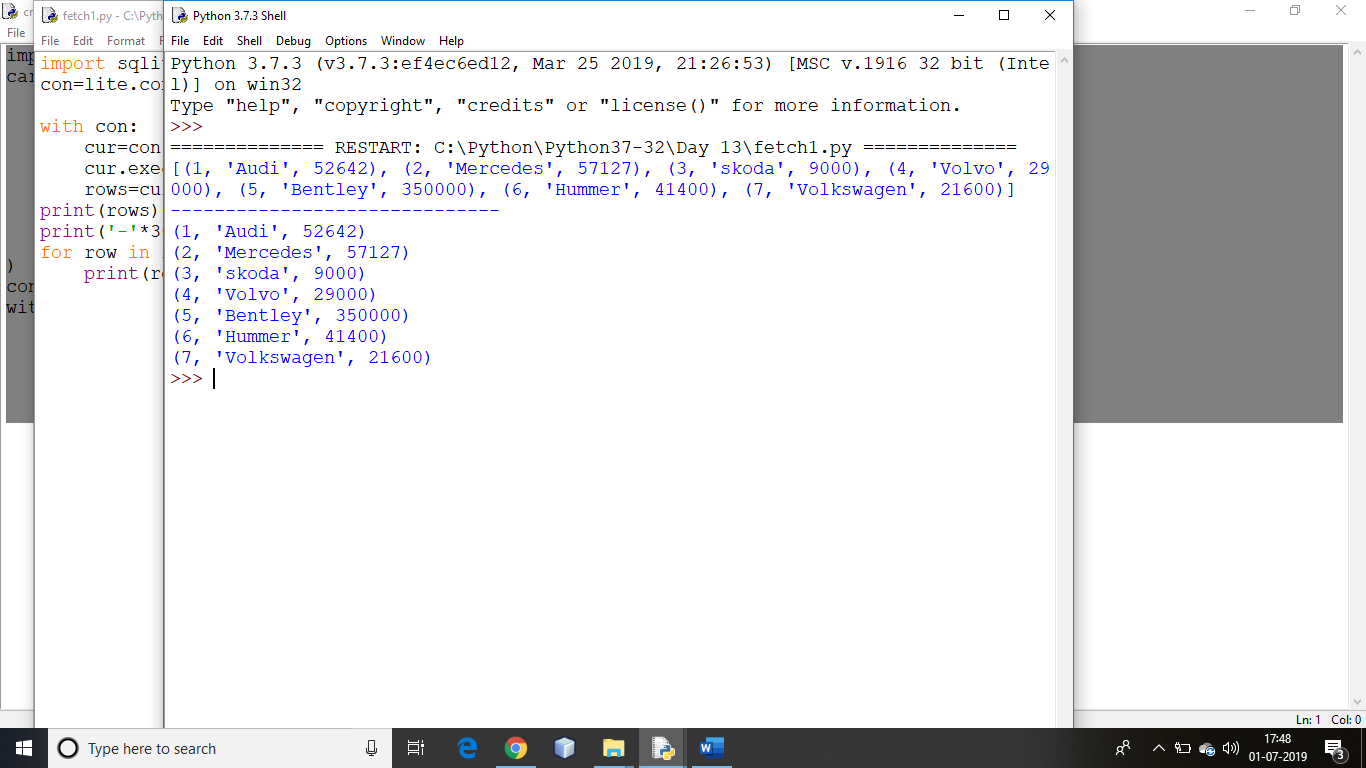
rows=cur.fetchall()

print(rows)

print('-'\*30)

for row in rows:

print(row)



import sqlite3 as lite

con=lite.connect('test.db')

def input\_fun():

a=int(input("Enter ID:"))

b=input("Enter Name")

b="'"+b+"'"

c=int(input("enter price"))

str1="INSERT INTO Cars VALUES({},{},{})".format(a,b,c)

return str1

with con:

cur=con.cursor()

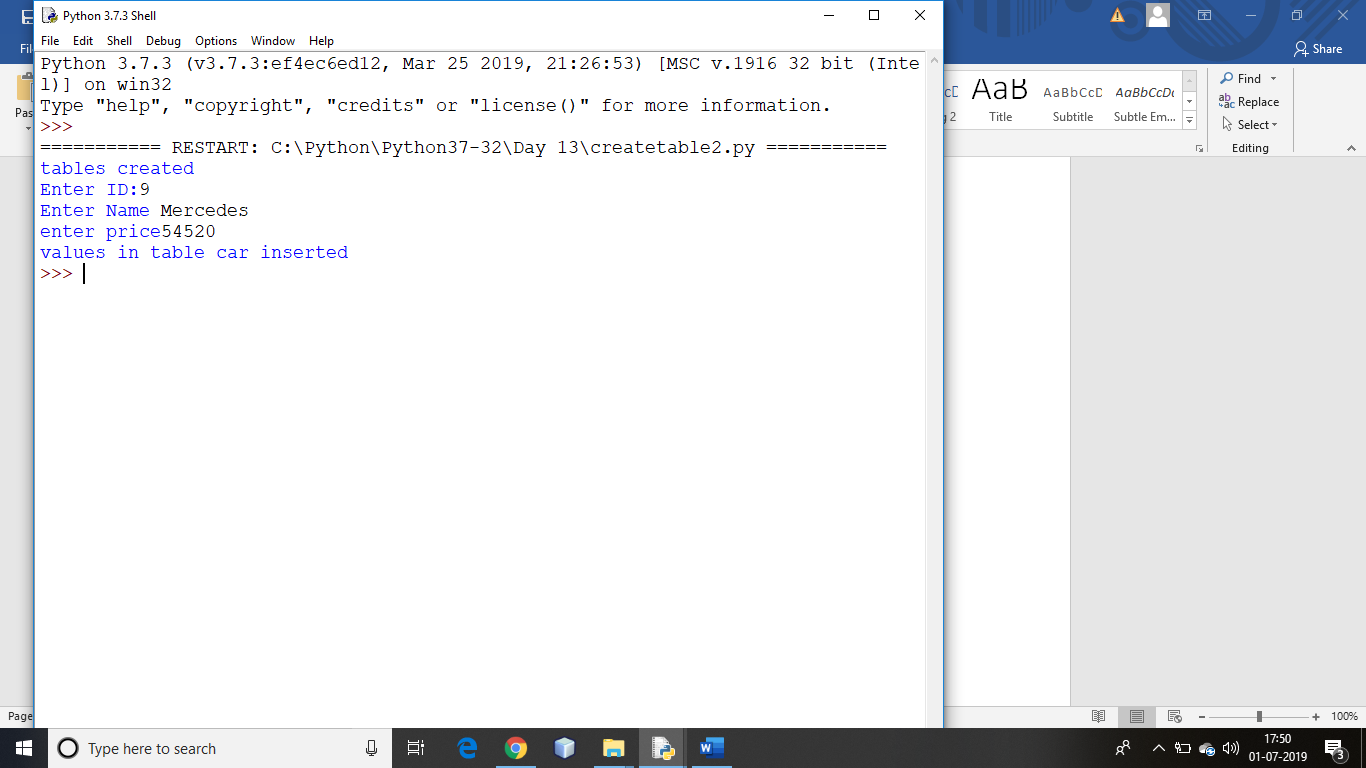
cur.execute("DROP TABLE IF EXISTS Cars")

cur.execute("CREATE TABLE Cars(Id INT,Name TEXT,Price Int)")

print("tables created")

cur.execute(input\_fun())

print("values in table car inserted")



import sqlite3 as lite

import sys

try:

con=lite.connect('test.db')

cur=con.cursor()

cur.executescript("""

DROP TABLE IF EXISTS Cars;

CREATE TABLE Cars(Id INT,Name TEXT,Price Int);

INSERT INTO Cars VALUES(6,'Citroen',21000);

INSERT INTO Cars VALUES(7,'Hummer',41400);

INSERT INTO Cars VALUES(8,'Volkswagen',21600);

""")

con.commit()

except lite.Error as e:

if e:

con.rollback()

print("Error %s:"%e.args[0])

sys.exit(1)

finally:

if con:

con.close()

import sqlite3 as lite

con=lite.connect('test.db')

with con:

cur=con.cursor()

cur.execute("SELECT \* FROM Cars")

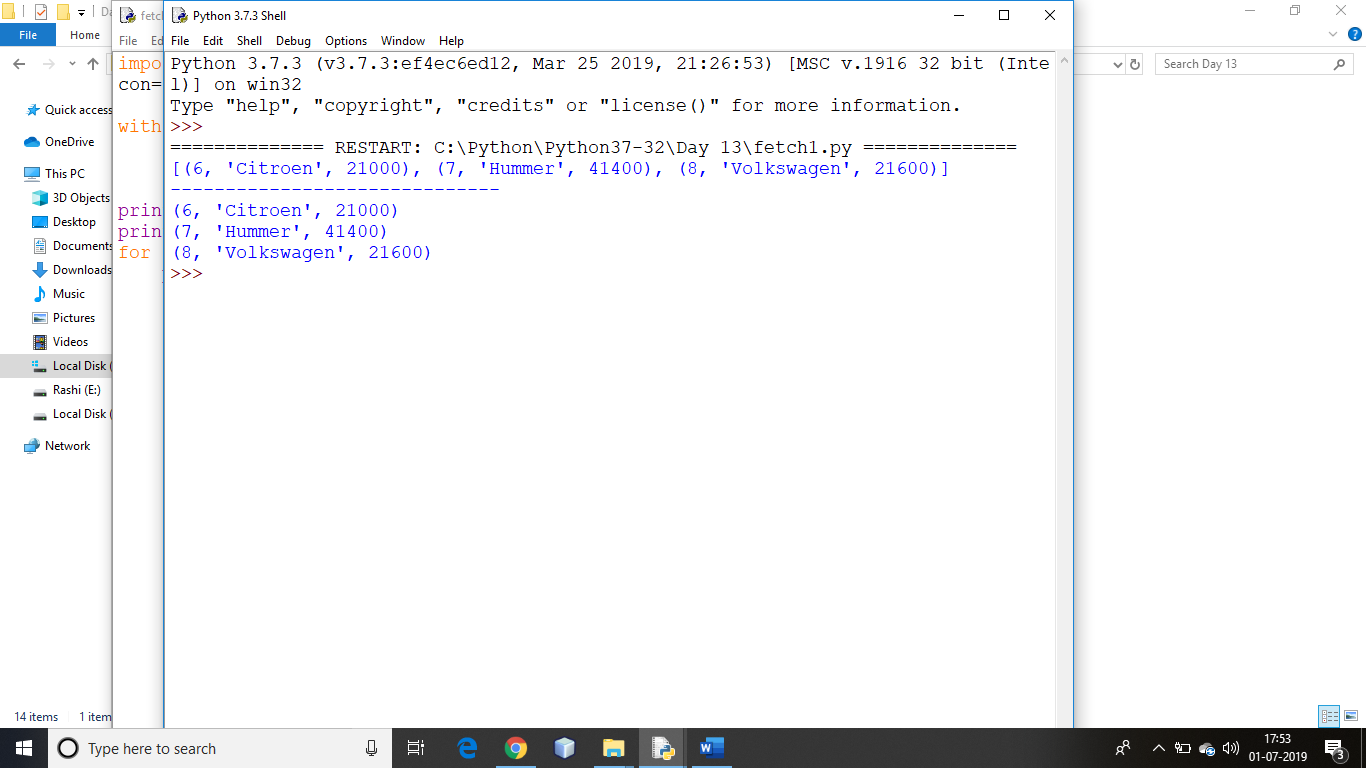
rows=cur.fetchall()

print(rows)

print('-'\*30)

for row in rows:

print(row)



def str\_float(x):#x='4.9','3.0','1.4','0.2','Iris-setosa']

temp=[]

for i in range(4):

x[i]=float(x[i])

return(x)

import random

training\_data=[]

test\_data=[]

for line in open("iris.txt",'r'):

## print(i,type(i))

temp=line[0:-1].split(',')

## print(temp)

if random.random()<=0.8:

training\_data.append(temp)

else:

test\_data.append(temp)

print("data1",len(training\_data))

print("data2",len(test\_data))

