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In [1]: import sqlite3
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In [2]: conn=sqlite3.connect('test.db')
print("opened database successfully")
```

opened database successfully

```
In [38]: conn=sqlite3.connect('test.db')
print("opened database successfully")
conn.execute('''CREATE TABLE COMPANY
              (ID INT PRIMARY KEY     NOT NULL,
               NAME           TEXT     NOT NULL,
               AGE            INT      NOT NULL,
               ADDRESS        CHAR(50),
               SALARY         REAL);''')
print ("Table created successfully")

conn.close()
```

opened database successfully
Table created successfully

```
In [39]: import sqlite3

conn = sqlite3.connect('test.db')
print ("Opened database successfully");

conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) VALUES (1, 'Paul',
conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) VALUES (2, 'Allen'
conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) VALUES (3, 'Teddy'
conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) VALUES (4, 'Mark',

conn.commit()
print ("Records created successfully");
conn.close()
```

Opened database successfully
Records created successfully

```
In [40]: import sqlite3

conn = sqlite3.connect('test.db')
print ("Opened database successfully");
conn.execute("select * from COMPANY");
print("Data base close")
conn.close()
```

Opened database successfully
Data base close

```
In [36]: import sqlite3

conn = sqlite3.connect('test.db')
print ("Opened database successfully");
conn.execute("drop table COMPANY");
print("Data base close")
conn.close()
```

Opened database successfully
Data base close

```
In [42]: import sqlite3

conn = sqlite3.connect('test.db')
print ("Opened database successfully");

cursor = conn.execute("SELECT id, name, address, salary from COMPANY")
for row in cursor:
    print ("ID = ", row[0])
    print ("NAME = ", row[1])
    print ("ADDRESS = ", row[2])
    print ("SALARY = ", row[3], "\n")

print ("Operation done successfully");
conn.close()
```

Opened database successfully

ID = 1

NAME = Paul

ADDRESS = California

SALARY = 20000.0

ID = 2

NAME = Allen

ADDRESS = Texas

SALARY = 15000.0

ID = 3

NAME = Teddy

ADDRESS = Norway

SALARY = 20000.0

ID = 4

NAME = Mark

ADDRESS = Rich-Mond

SALARY = 65000.0

Operation done successfully

```
In [48]: import sqlite3

conn = sqlite3.connect('test.db')
print ("Opened database successfully");

conn.execute("UPDATE COMPANY set SALARY = 25000.00 where ID = 1")
conn.commit
print ("Total number of rows updated :", conn.total_changes)

cursor = conn.execute("SELECT id, name, address, salary from COMPANY")
for row in cursor:
    print("ID = ", row[0])
    print("NAME = ", row[1])
    print("ADDRESS = ", row[2])
    print("SALARY = ", row[3], "\n")

print ("Operation done successfully");
conn.close()
```

```
Opened database successfully
Total number of rows updated : 1
ID = 1
NAME = Paul
ADDRESS = California
SALARY = 25000.0

ID = 2
NAME = Allen
ADDRESS = Texas
SALARY = 15000.0

ID = 3
NAME = Teddy
ADDRESS = Norway
SALARY = 20000.0

ID = 4
NAME = Mark
ADDRESS = Rich-Mond
SALARY = 65000.0

Operation done successfully
```

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In [ ]:
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