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In [2]: import sqlite3

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

print("Opened database successfully")

Opened database successfully
```

```
In [3]: import sqlite3

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 [4]: import sqlite3

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

conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1, 'Paul', 32, 'California', 20000.00 )");

conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (2, 'Allen', 25, 'Texas', 15000.00 )");

conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (3, 'Teddy', 23, 'Norway', 20000.00 )");

conn.execute("INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (4, 'Mark', 25, 'Rich-Mond ', 65000.00 )");

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

Opened database successfully
Records created successfully
```

```
In [5]: 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 [6]: 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

```
In [7]: import sqlite3

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

conn.execute("DELETE from COMPANY where ID = 2;")
conn.commit()
print ("Total number of rows deleted :", 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 deleted : 1
ID = 1
NAME = Paul
ADDRESS = California
SALARY = 20000.0

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

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

Operation done successfully

In []: