SOURCE CODE:

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

#creation of table
conn.execute('''CREATE TABLE COMPANY_11
(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()

#insert into table values
conn = sqlite3.connect('test.db')
print ("Opened database successfully");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1712, 'Khushi', 20, 'California', 220000.00 )");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1711, 'Sheetal', 25, 'Texas', 115000.00 )");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1710, 'Saloni', 23, 'Norway', 110000.00 )");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1713, 'Mysha', 27, 'New York ', 115000.00 )");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1714, 'Gauri', 27, 'New York ', 112000.00 )");
conn.execute("INSERT INTO COMPANY_11 (ID,NAME,AGE,ADDRESS,SALARY) \
VALUES (1715, 'Sonu', 28, 'New jersey ', 115000.00 )");
conn.commit()
print ("Records created successfully");
conn.close()

#displaying of the values using the select clause
conn = sqlite3.connect('test.db')
cursor = conn.execute("SELECT id, name, address, salary from COMPANY_11")
for row in cursor:
   print ("ID = ", row[0])
   print ("NAME = ", row[1])
   print ("ADDRESS = ", row[2])
   print ("SALARY = ", row[3])
   print ("\nOperation done successfully");
conn.close()
```

```
#UPDATE select from where clause
conn = sqlite3.connect('test.db')
print ("UPDATION OF VALUES");
conn.execute("UPDATE COMPANY_11 set SALARY = 220000.00 where ID=1712")
conn.commit
print ("Total number of rows updated :", conn.total_changes)
cursor = conn.execute("SELECT id, name, address, salary from COMPANY_11")
for row in cursor:
   print ("ID = ", row[0])
   print ("NAME = ", row[1])
   print ("ADDRESS = ", row[2])
   print ("SALARY = ", row[3])
   print ("\nOperation done successfully");
conn.close()

#DELETION using where clause
conn = sqlite3.connect('test.db')
print ("DELETION");
conn.execute("DELETE from COMPANY_11 where ID=1713;")
conn.commit
print ("Total number of rows deleted :", conn.total_changes)
cursor = conn.execute("SELECT id, name, address, salary from COMPANY_11")
for row in cursor:
   print ("ID = ", row[0])
   print ("NAME = ", row[1])
   print ("ADDRESS = ", row[2])
   print ("SALARY = ", row[3])
   print ("\n Operation done successfully");
conn.close()

#TRUNCATE DDL statement
conn = sqlite3.connect('test.db')
cursor = conn.execute("DROP TABLE company_11");
print("\n VALUES truncated!")
conn.close
```

OUTPUT:

```
Opened database successfully
Table created successfully
ID =  1712
NAME =  Khushi
ADDRESS =  California
SALARY =  220000.0

ID =  1711
NAME =  Sheetal
ADDRESS =  Texas
SALARY =  115000.0
```

ID = 1710
NAME = Saloni
ADDRESS = Norway
SALARY = 110000.0

ID = 1713
NAME = Mysha
ADDRESS = New York
SALARY = 115000.0

ID = 1714
NAME = Gauri
ADDRESS = New York
SALARY = 112000.0

ID = 1715
NAME = Sonu
ADDRESS = New jersey
SALARY = 115000.0

Operation done successfully
UPDATION OF VALUES
Total number of rows updated : 1
ID = 1712
NAME = Khushi
ADDRESS = California
SALARY = 220000.0

ID = 1711
NAME = Sheetal
ADDRESS = Texas
SALARY = 115000.0

ID = 1710
NAME = Saloni
ADDRESS = Norway
SALARY = 110000.0

ID = 1713
NAME = Mysha
ADDRESS = New York
SALARY = 115000.0

ID = 1714
NAME = Gauri
ADDRESS = New York
SALARY = 112000.0

ID = 1715
NAME = Sonu
ADDRESS = New jersey
SALARY = 115000.0

Operation done successfully
DELETION
Total number of rows deleted : 1
ID = 17:2
NAME = Khushi
ADDRESS = California
SALARY = 220000.0

ID = 1711
NAME = Sheetal
ADDRESS = Texas
SALARY = 115000.0

ID = 1710
NAME = Saloni
ADDRESS = Norway
SALARY = 110000.0

ID = 1714
NAME = Mysha
ADDRESS = New York
SALARY = 112000.0

ID = 1715
NAME = Gauri
ADDRESS = New jersey
SALARY = 115000.0

Operation done successfully

VALUES truncated!