

In [3]:

```
import sqlite3
db= sqlite3.connect("my_database.db")
cursor=db.cursor()
cursor.execute("CREATE TABLE scores2(gender TEXT,student_id INT PRIMARYKEY,marks INT)")
cursor.execute("insert into scores2(gender,student_id,marks) values('male',100,55)")
db.commit()
print(cursor.rowcount,"Record(s) inserted")
```

1 Record(s) inserted

In [4]:

```
cursor.execute("insert into scores2(gender,student_id,marks) values('female',100,55)")
```

Out[4]:

<sqlite3.Cursor at 0xe9738c1570>

In [8]:

```
cursor.execute("insert into scores2(gender,student_id,marks) values('female',101,60)")
db.commit()
print(cursor.rowcount,"Record(s) inserted")
```

1 Record(s) inserted

In [9]:

```
results = cursor.execute("SELECT * FROM scores2")
for row in results:
    print(row)
```

```
('male', 100, 55)
('female', 100, 55)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
```

In [12]:

```
cursor.execute("INSERT INTO scores2(gender,student_id,marks) values('female',102,68),('fema
print(cursor.rowcount,"Record(s) inserted")
```

2 Record(s) inserted

In [13]:

```
results= cursor.execute("SELECT * from scores2")
for row in results:
    print(row)
```

```
('male', 100, 55)
('female', 100, 55)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 102, 68)
('female', 103, 60)
('female', 102, 68)
('female', 103, 60)
```

In [15]:

```
results= cursor.execute("SELECT student_id,gender from scores2")
for row in results:
    print(row)
```

```
(100, 'male')
(100, 'female')
(101, 'female')
(101, 'female')
(101, 'female')
(101, 'female')
(102, 'female')
(103, 'female')
(102, 'female')
(103, 'female')
```

In [39]:

```
with open ('scores_file.csv','r') as file:
    no_records=0
    for row in file:
        cursor.execute("INSERT INTO scores2 VALUES (?,?,?)",row.split(","))
        db.commit()
        no_records +=1
    print(no_records,'Records Inserted')
```

```
-----
FileNotFoundError                                Traceback (most recent call last)
~\AppData\Local\Temp\ipykernel_5616\1388103223.py in <module>
----> 1 with open ('scores_file.csv','r') as file:
      2     no_records=0
      3     for row in file:
      4         cursor.execute("INSERT INTO scores2 VALUES (?,?,?)",row.spli
t(","))
      5         db.commit()
```

FileNotFoundError: [Errno 2] No such file or directory: 'scores_file.csv'

In []:

In [37]:

```
sql= "SELECT* From scores2 WHERE student_id = 103"
result= cursor.execute(sql)
for row in result:
    print(row)
```

```
('female', 103, 60)
('female', 103, 60)
```

In [41]:

```
sql = "DELETE FROM scores2 WHERE student_id = 103"
db.commit()
cursor.execute(sql)
result = cursor.execute("SELECT * from scores2")
for row in result:
    print(row)
```

```
('male', 100, 55)
('female', 100, 55)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 101, 60)
('female', 102, 68)
('female', 102, 68)
```

In []: