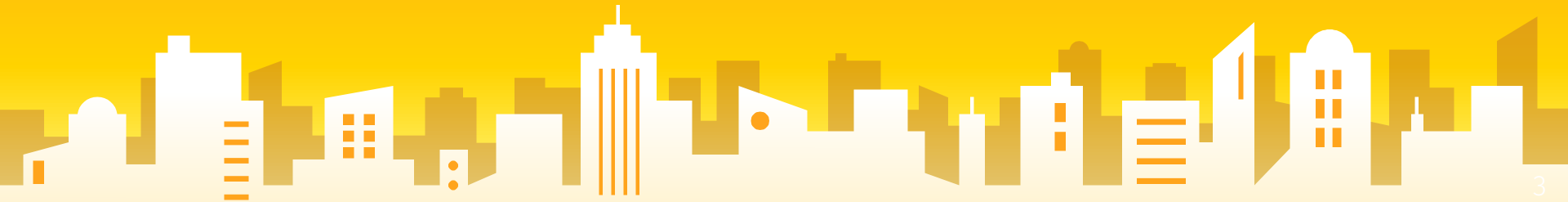
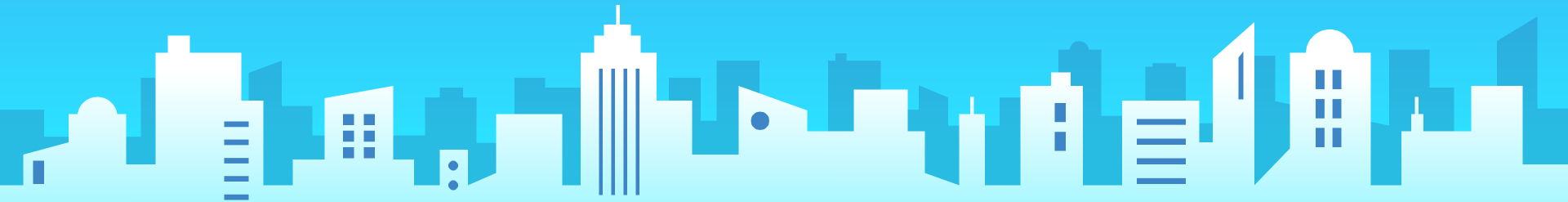
SQLITE Database

First Lesson. (Most Important)



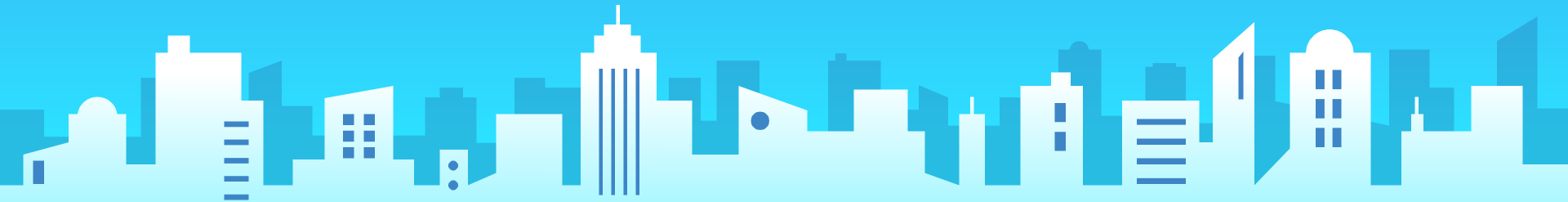
Import Database

- import sqlite3



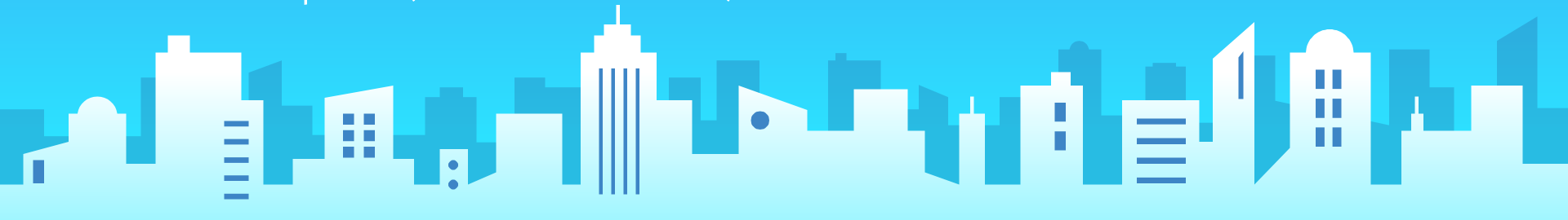
Create Database

```
def __init__(self,dbname):
    self.database = sqlite3.connect(dbname)
    if self.database != None:
        print('Database created')
```



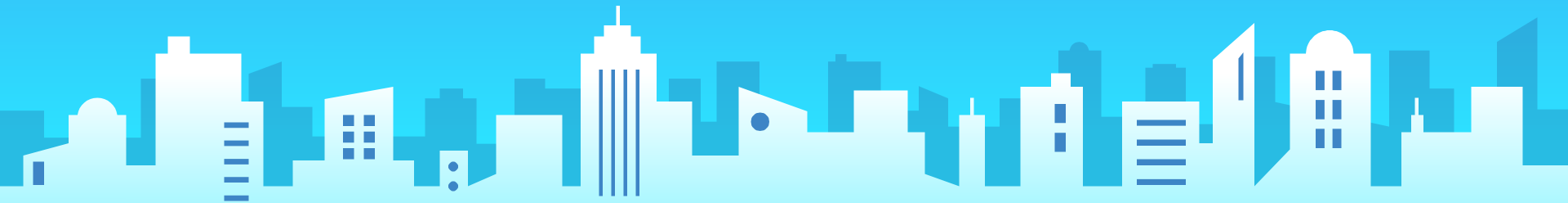
Create Table

```
def createTable(self,tablename):
        createQuery = "CREATE TABLE IF NOT EXISTS
stud(id INTEGER     PRIMARY KEY
AUTOINCREMENT,name TEXT NOT NULL,number  TEXT
NOT NULL,email TEXT NOT NULL);“
                self.database.execute(createQuery)
          print('Table created')
```



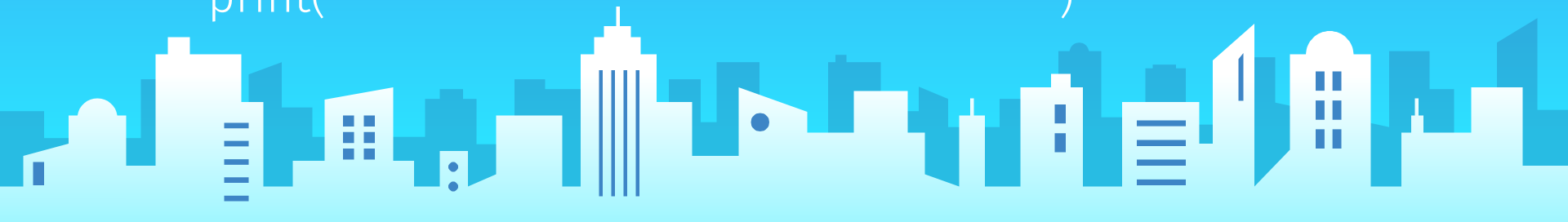
Insert Data

```
def insertData(self,name,number,email):
    insertQuery = "INSERT INTO
stud(name,number,email)values('"+name+"','"+numbe
r+"','"+em    ail+"');"
    self.database.execute(insertQuery)
    self.database.commit()
```



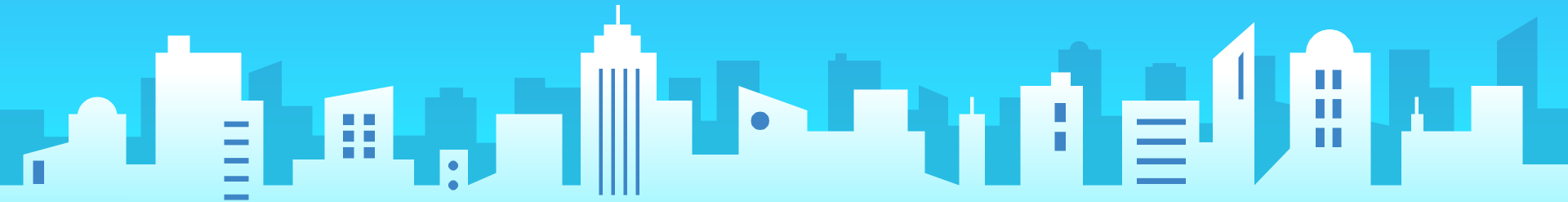
Select Data

```
def selectData(self):
        selectQuery = "SELECT * FROM stud;"
        cursor = self.database.execute(selectQuery)
        print('**********************************')
        for row in cursor:
                print(row[0],row[1],row[2],row[3])
print('**********************************')
```



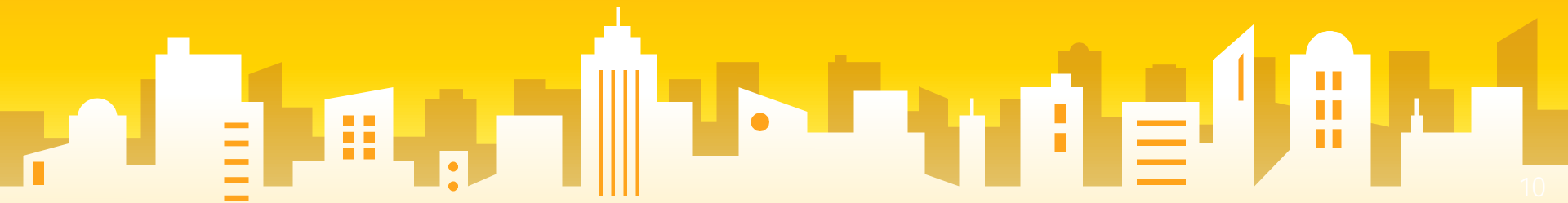
Delete Data

```
def delete(self,id):
    deleteQuery = "DELETE FROM stud WHERE id = "+id+";"
    self.database.execute(deleteQuery)
    self.database.commit()
```



Create SQLITE database for customer

Assignment



Parse data from json practice and store in database.

Assignment