## Overview

- [[Call Level Interfaces]] for dynamic SQL
- similar to [[JDBC]]

## Example

```
Establish Connection
                         conn = psycopg2.connect(
                             host="localhost", port="5432",
                             database="db1234567", user=username,
                             password=password)
Execute Statements
                         cur = conn.cursor()
    Use local cursors
                         cur.execute("INSERT INTO Students VALUES(...)")
                         cur.execute("SELECT SID, LName FROM Students")
Process Result Sets
                         students = cur.fetchall()
                         for row in students:
                             print("SID = ", row[0], end = ',')
print("Lname = ", row[1])
Execute Prepared
                         cur = conn.cursor()
                         sql = "INSERT INTO Students VALUES(%s, %s)"
   Statements
                         for s in students:
                              cur.execute(sql, (s.getID(),s.getName()))
                         conn.commit()
Execute Callable
                         cur = conn.cursor()
                         cur.callproc("prepStudents", (2019, 2))
   Statement
                         cur.fetchone()
     Result set
     No output parameters
Close Connection
                         cur.close()
                         conn.close()
```