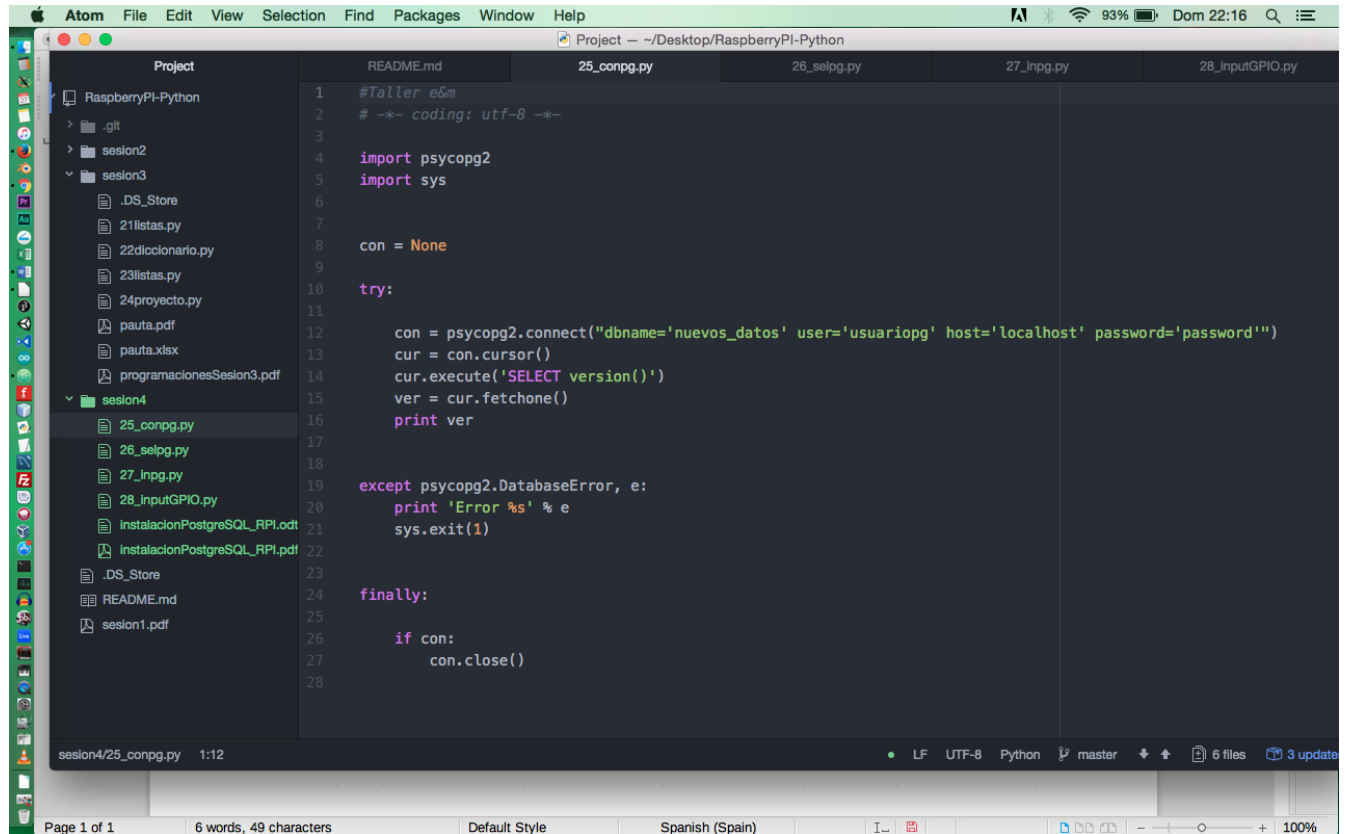


Programaciones sesión 4

Conexión Python PostgreSQL

25_conpg.py

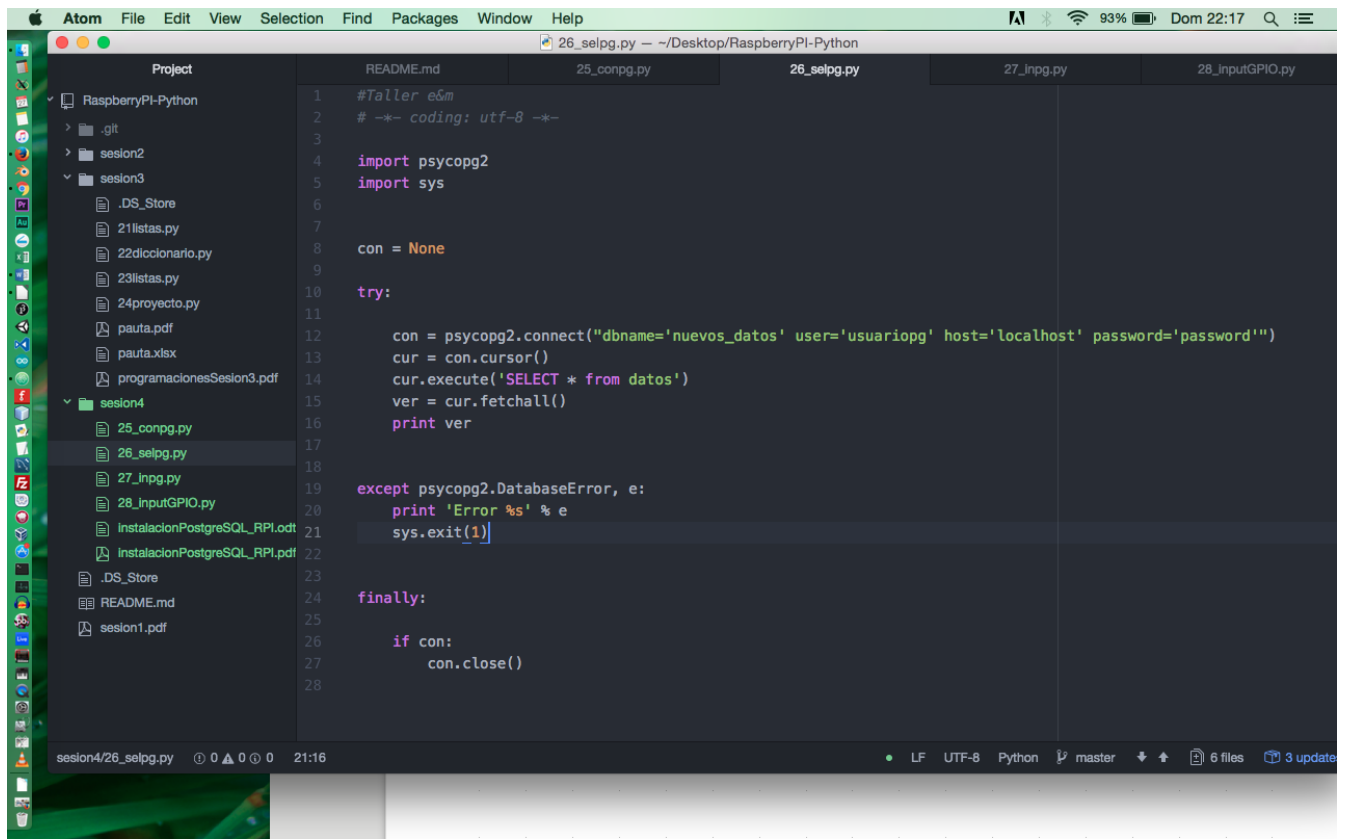


The screenshot shows the Atom code editor with a project named "RaspberryPI-Python" open. The file explorer on the left shows a directory structure with folders "sesion2" and "sesion3", and a file "25_conpg.py" selected under "sesion4". The main editor window displays the code for "25_conpg.py". The code is a Python script that uses the "psycopg2" library to connect to a PostgreSQL database. It includes a try-except block to handle database errors and a finally block to close the connection. The status bar at the bottom indicates the file is "sesion4/25_conpg.py" and shows various settings like "LF", "UTF-8", "Python", and "master".

```
1 # Taller e5m
2 # -*- coding: utf-8 -*-
3
4 import psycopg2
5 import sys
6
7
8 con = None
9
10 try:
11
12     con = psycopg2.connect("dbname='nuevos_datos' user='usuariopg' host='localhost' password='password'")
13     cur = con.cursor()
14     cur.execute('SELECT version()')
15     ver = cur.fetchone()
16     print ver
17
18 except psycopg2.DatabaseError, e:
19     print 'Error %s' % e
20     sys.exit(1)
21
22
23 finally:
24
25     if con:
26         con.close()
27
28
```

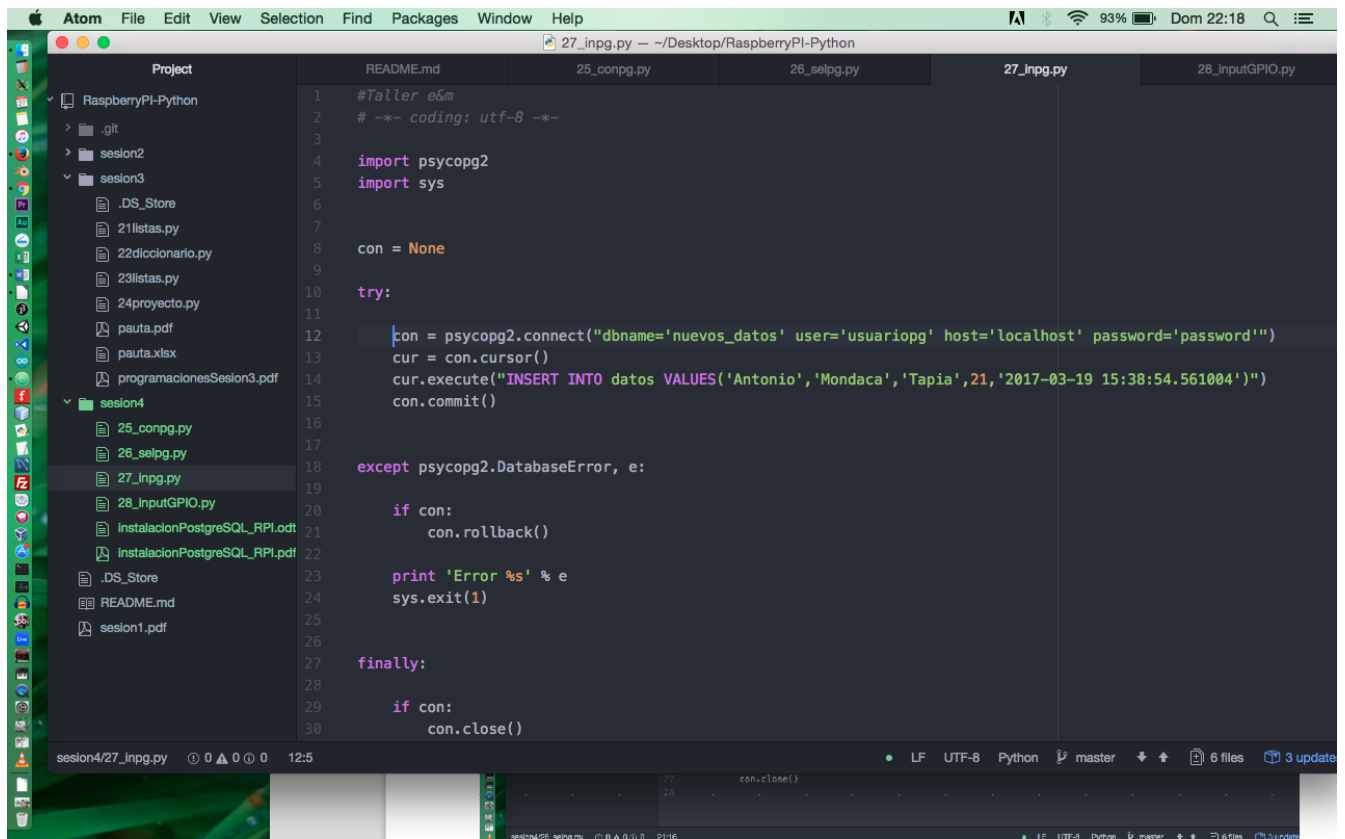
Page 1 of 1 | 6 words, 49 characters | Default Style | Spanish (Spain) | 100%

26_selpg.py



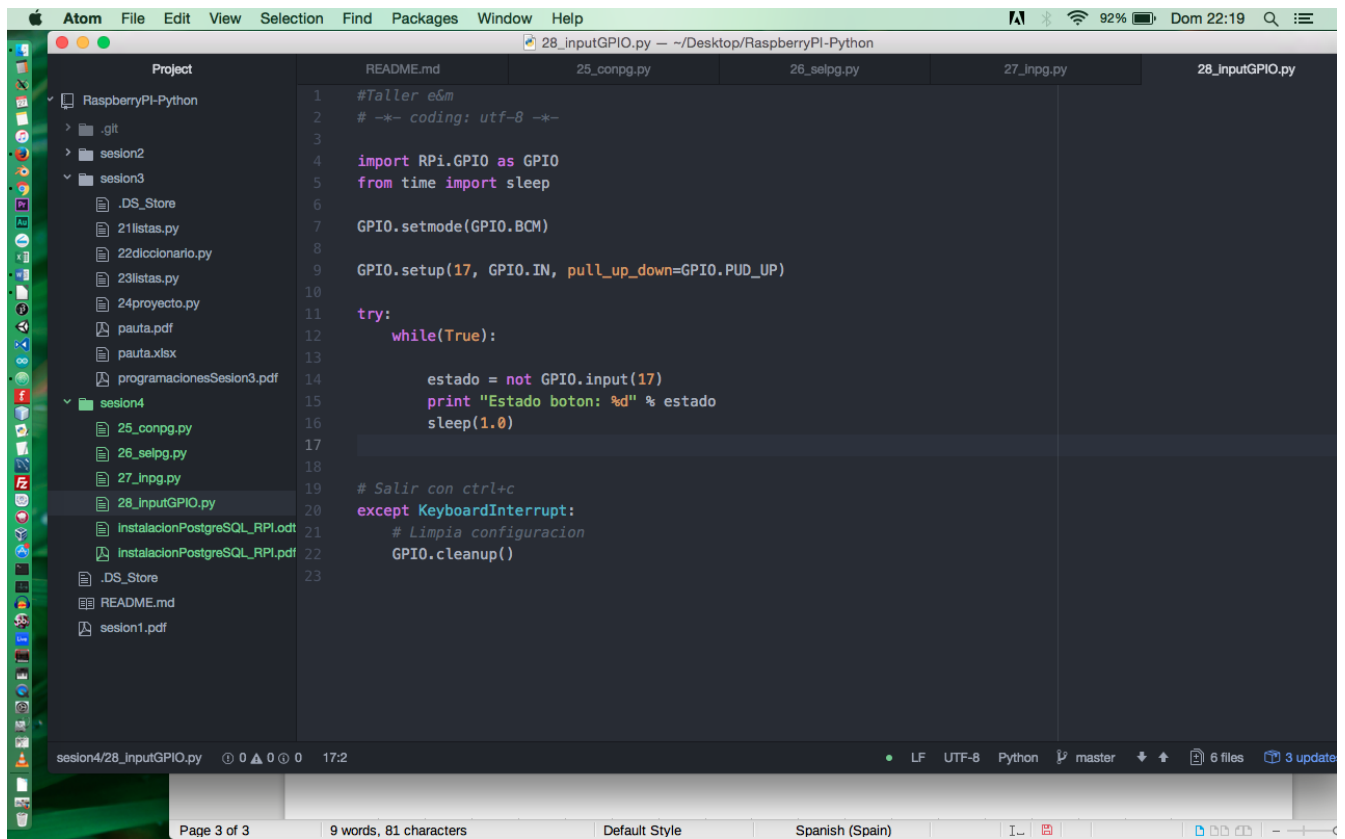
```
1  #Taller e5m
2  # -*- coding: utf-8 -*-
3
4  import psycopg2
5  import sys
6
7
8  con = None
9
10 try:
11
12     con = psycopg2.connect("dbname='nuevos_datos' user='usuariopg' host='localhost' password='password'")
13     cur = con.cursor()
14     cur.execute('SELECT * from datos')
15     ver = cur.fetchall()
16     print ver
17
18
19 except psycopg2.DatabaseError, e:
20     print 'Error %s' % e
21     sys.exit(1)
22
23
24 finally:
25
26     if con:
27         con.close()
28
```

27_inpg.py



```
1 #Taller e5m
2 # -*- coding: utf-8 -*-
3
4 import psycopg2
5 import sys
6
7
8 con = None
9
10 try:
11
12     con = psycopg2.connect("dbname='nuevos_datos' user='usuariopg' host='localhost' password='password'")
13     cur = con.cursor()
14     cur.execute("INSERT INTO datos VALUES('Antonio','Mondaca','Tapia',21,'2017-03-19 15:38:54.561004')")
15     con.commit()
16
17 except psycopg2.DatabaseError, e:
18
19     if con:
20         con.rollback()
21
22     print 'Error %s' % e
23     sys.exit(1)
24
25 finally:
26
27     if con:
28         con.close()
```

28_inputGPIO.py



```
1 # Taller e5m
2 # -*- coding: utf-8 -*-
3
4 import RPi.GPIO as GPIO
5 from time import sleep
6
7 GPIO.setmode(GPIO.BCM)
8
9 GPIO.setup(17, GPIO.IN, pull_up_down=GPIO.PUD_UP)
10
11 try:
12     while(True):
13
14         estado = not GPIO.input(17)
15         print "Estado boton: %d" % estado
16         sleep(1.0)
17
18 # Salir con ctrl+c
19 except KeyboardInterrupt:
20     # Limpia configuracion
21     GPIO.cleanup()
22
23
```

Page 3 of 3 9 words, 81 characters Default Style Spanish (Spain) I- 6 files 3 updates

CIRCUITO

