Python

Herramientas

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Entornos de Programación

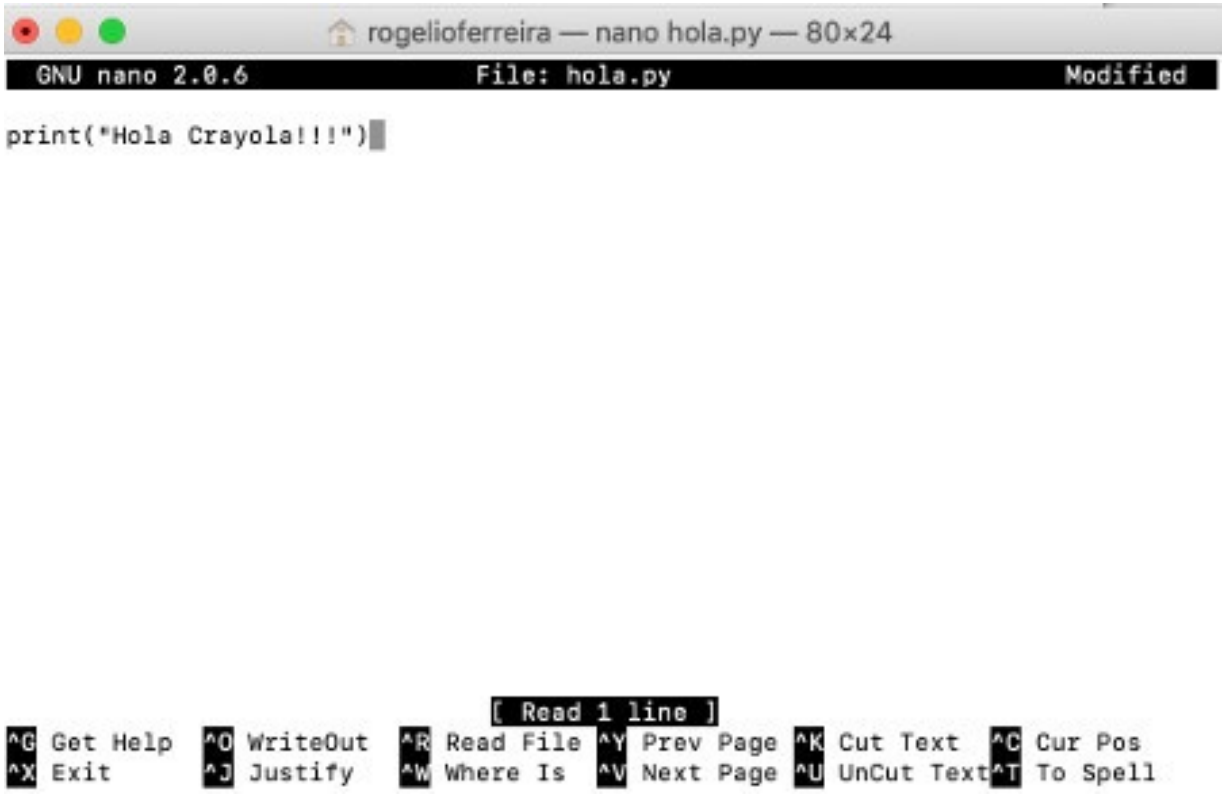
Python - Entornos

- **Python se puede ejecutar en diferentes entornos:**
  - **Consola.**
  - **Editor de Texto**
  - **IDE.**
  - **Framework.**
  - **Como servidor Web.**
  - **Online.**
  - **En nube.**

Consola

Python - Consola

- **> nano hola.py**



- **> python hola.py**

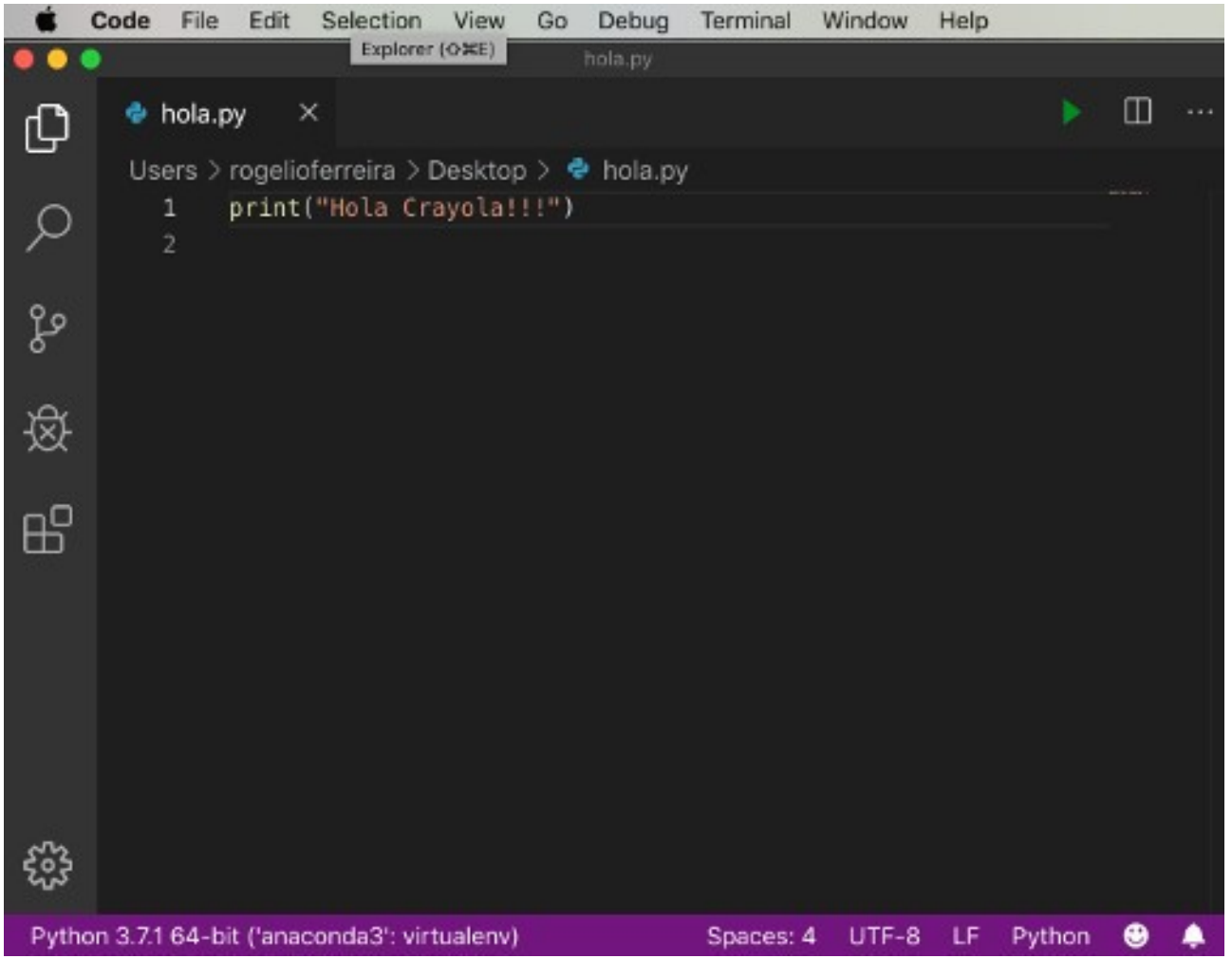
Hola Crayola!!!

Editor de Texto

Python – Editores de Texto

- **Existen varios editores para Python:**
  - **Visual Studio Code**
  - **Brackets.**
  - **Sublime.**

Python – Visual Studio Code

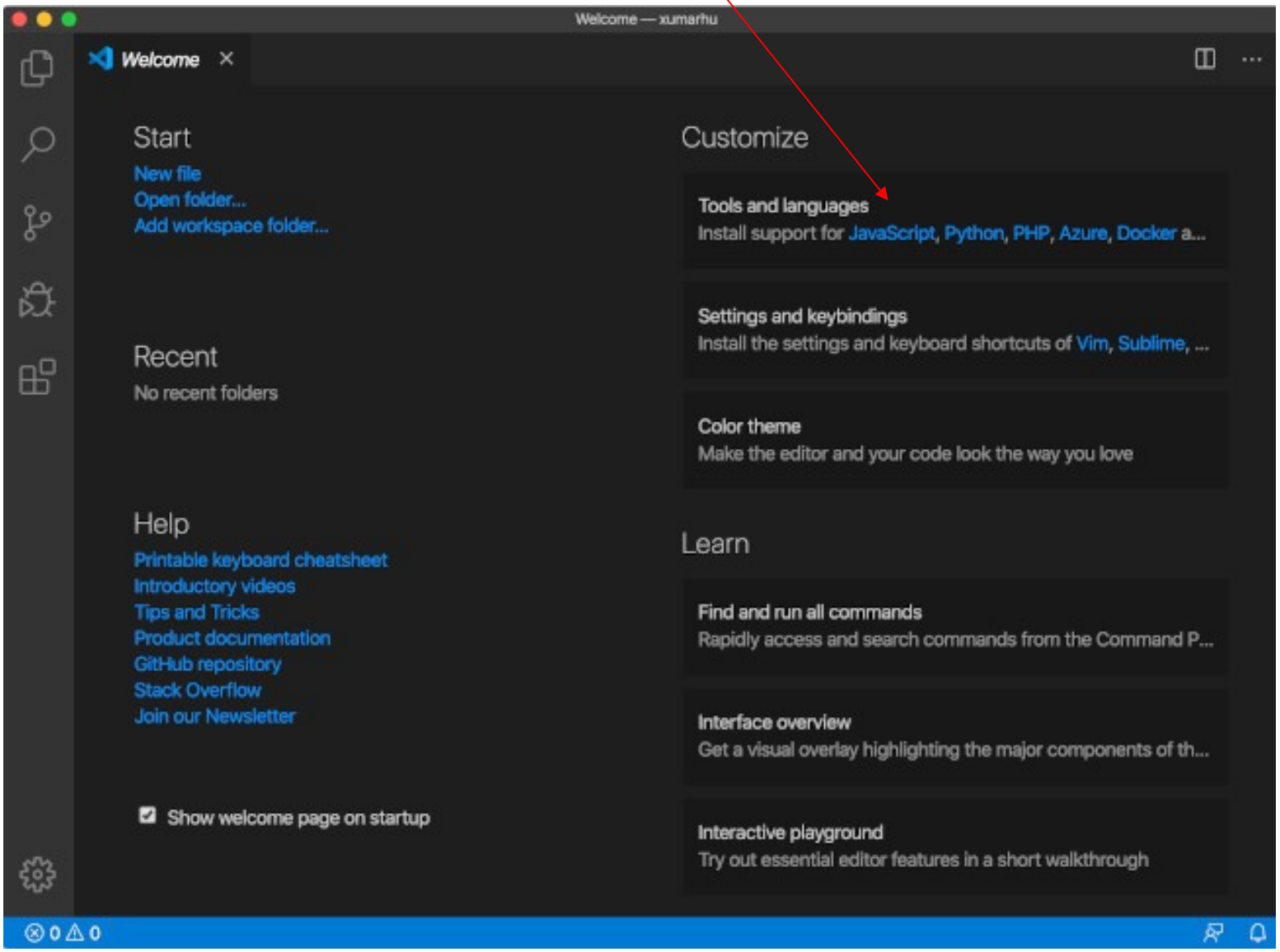


- **> python hola.py**

Hola Crayola!!!

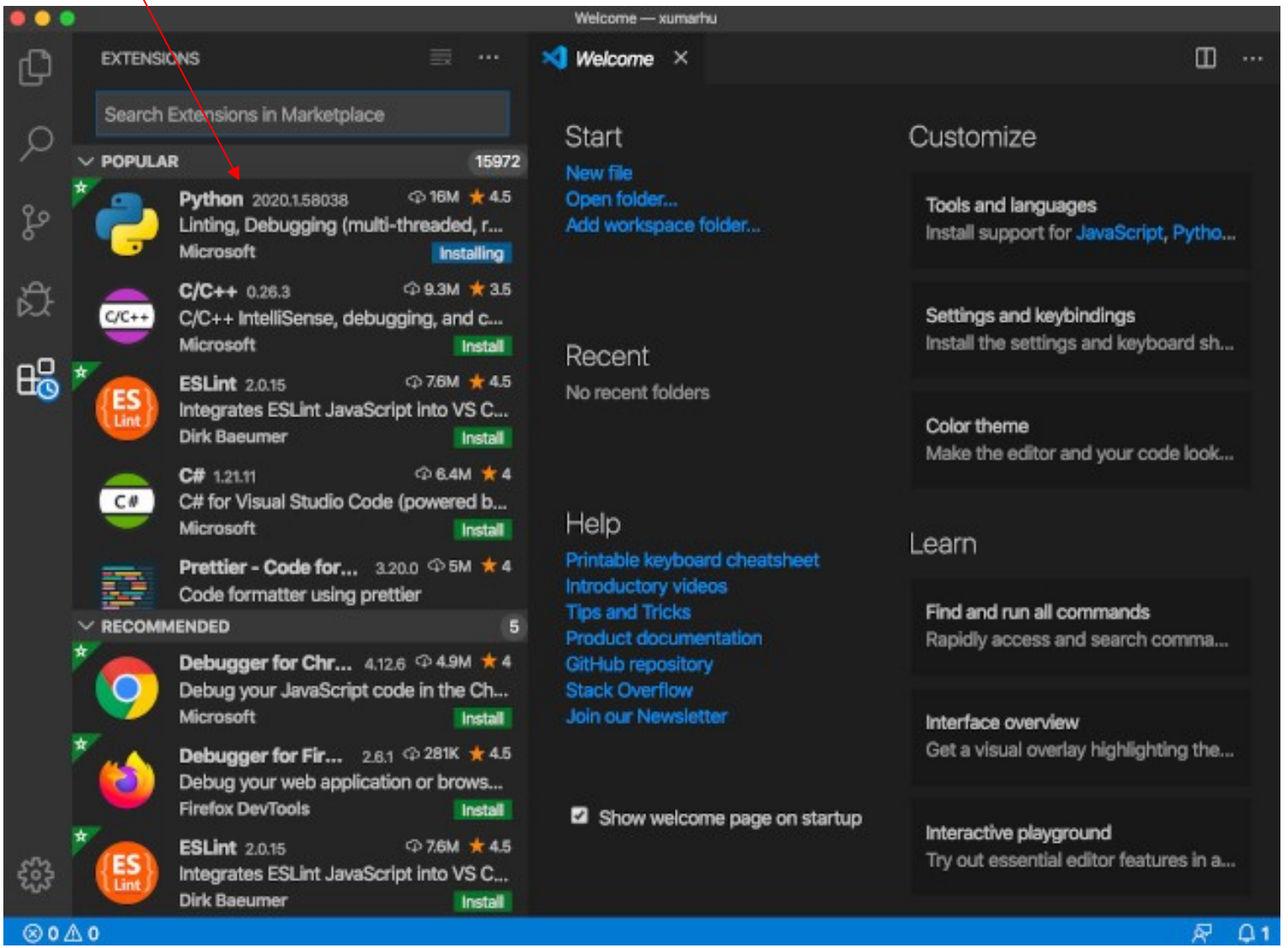
Visual Studio Code

- **Install Support for Python**



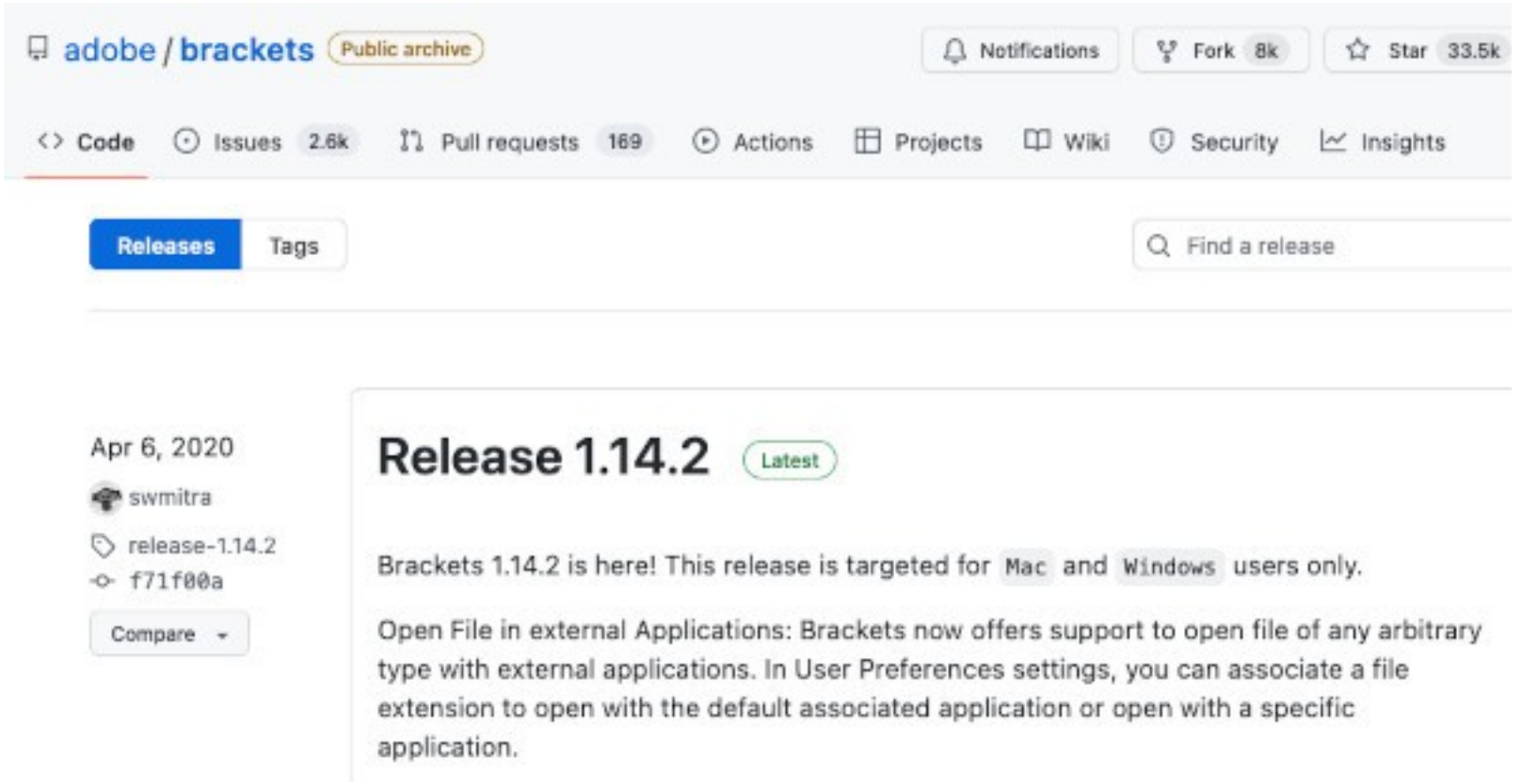
Visual Studio Code

- **Python Microsoft**



Brackets

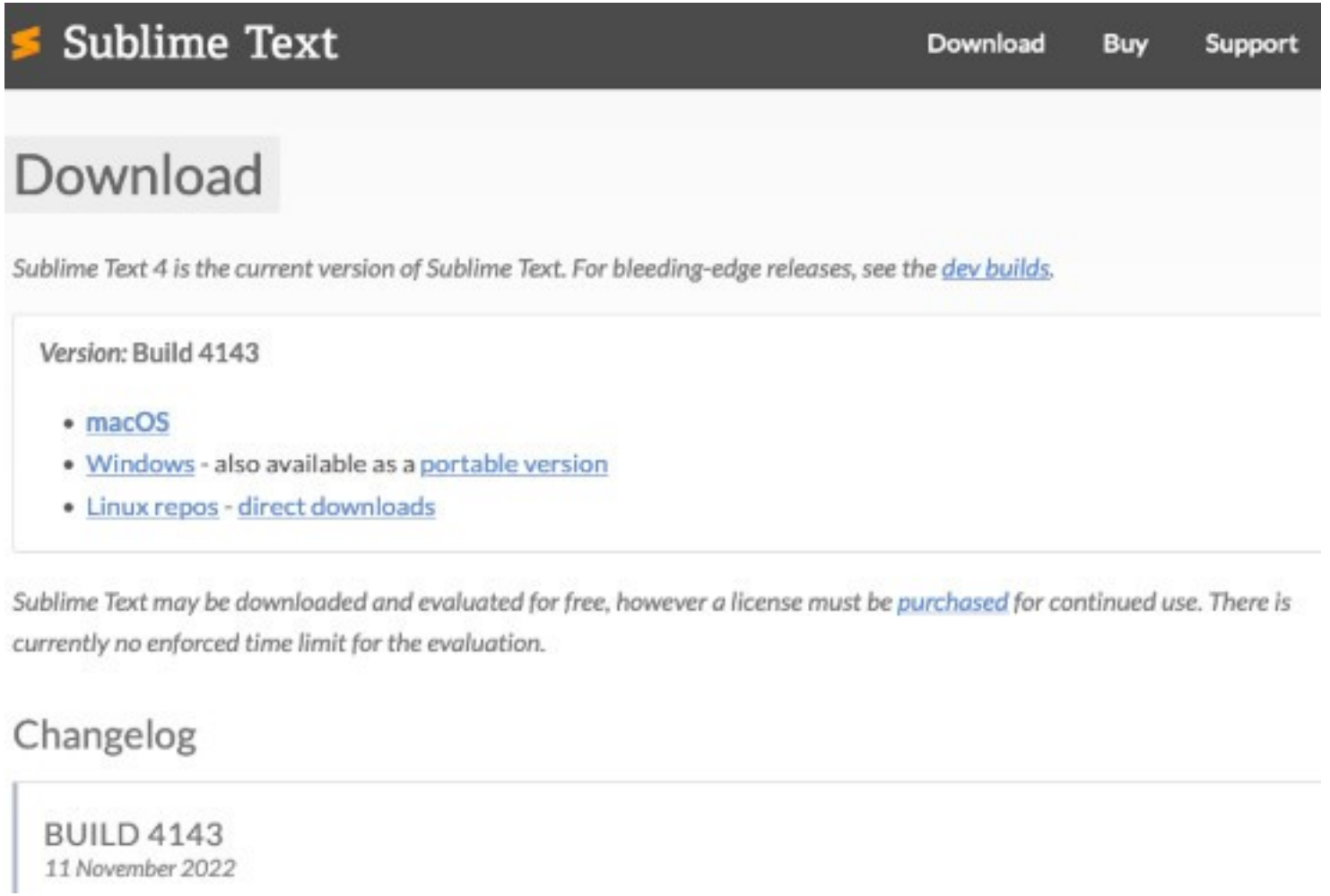
- **Editor de texto:**



https://github.com/adobe/brackets/releases

Sublime

- **Editor de texto:**



http://www.sublimetext.com/download

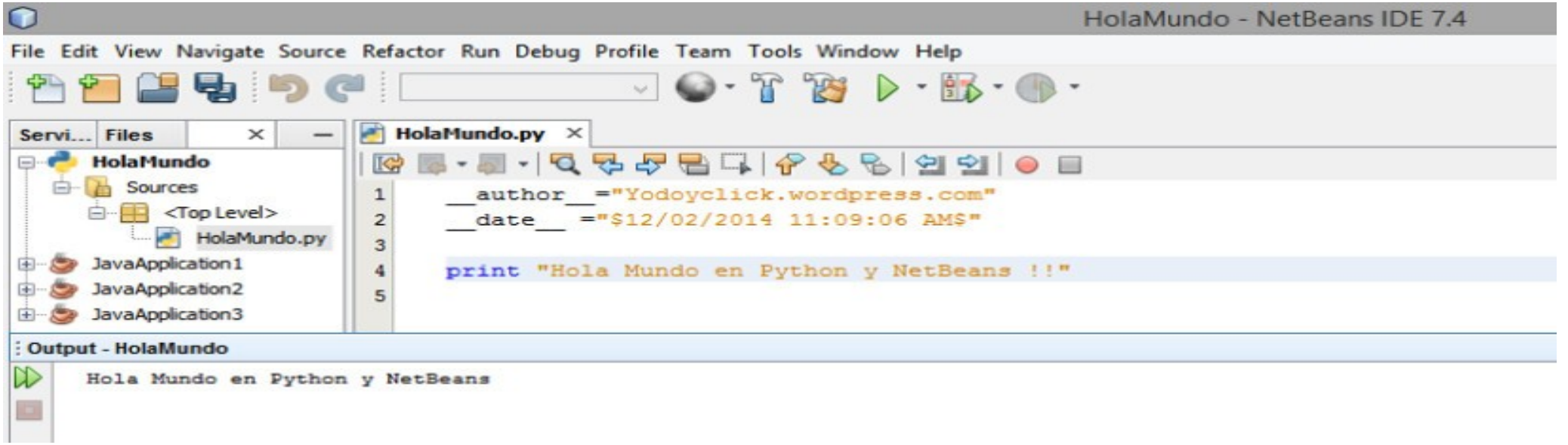
IDE

Python – IDE

- **Existen varios IDE´s para Python:**
  - **NetBeans**
  - **Eclipse**

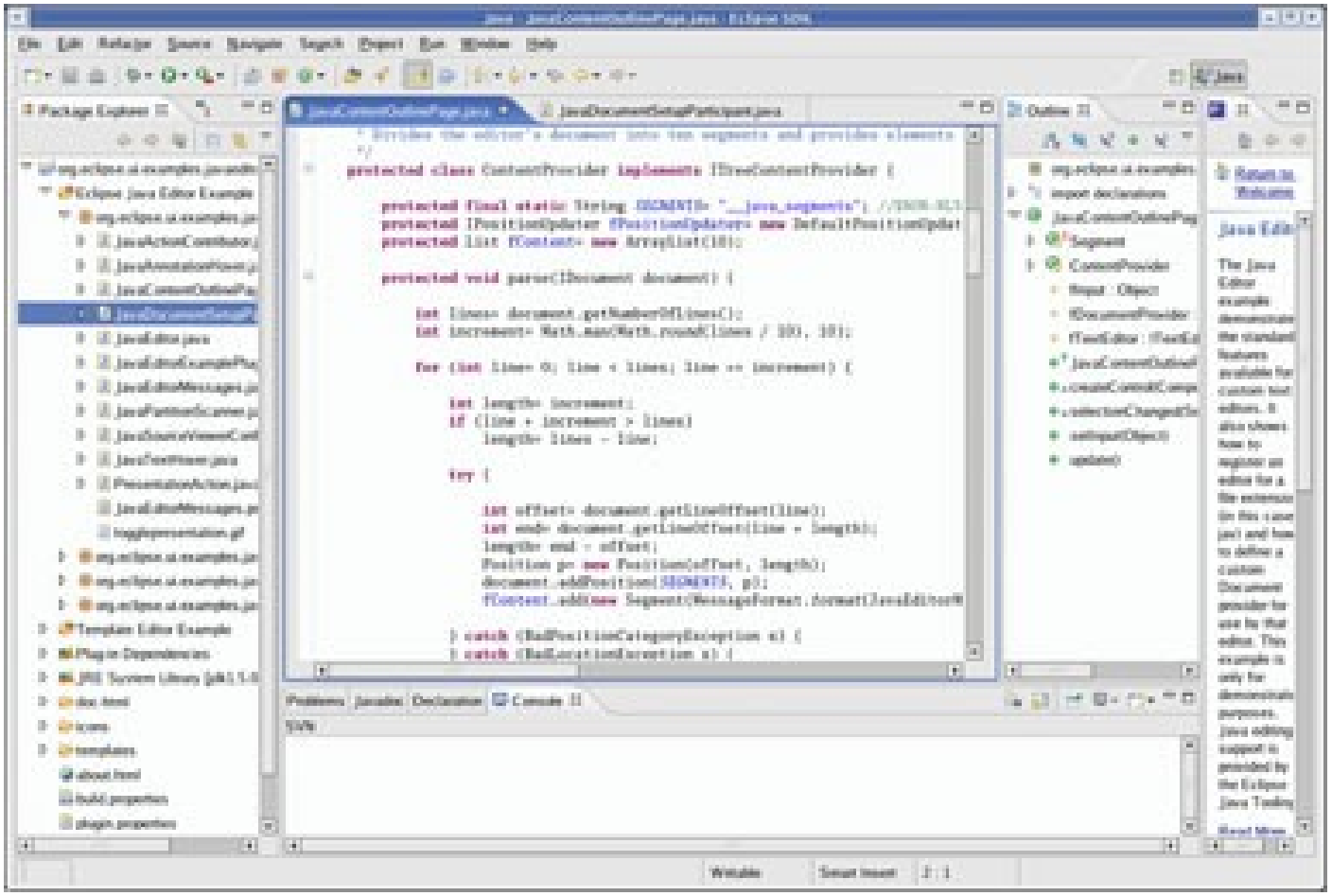
NetBeans

- **IDE:**



Eclipse

- **IDE:**



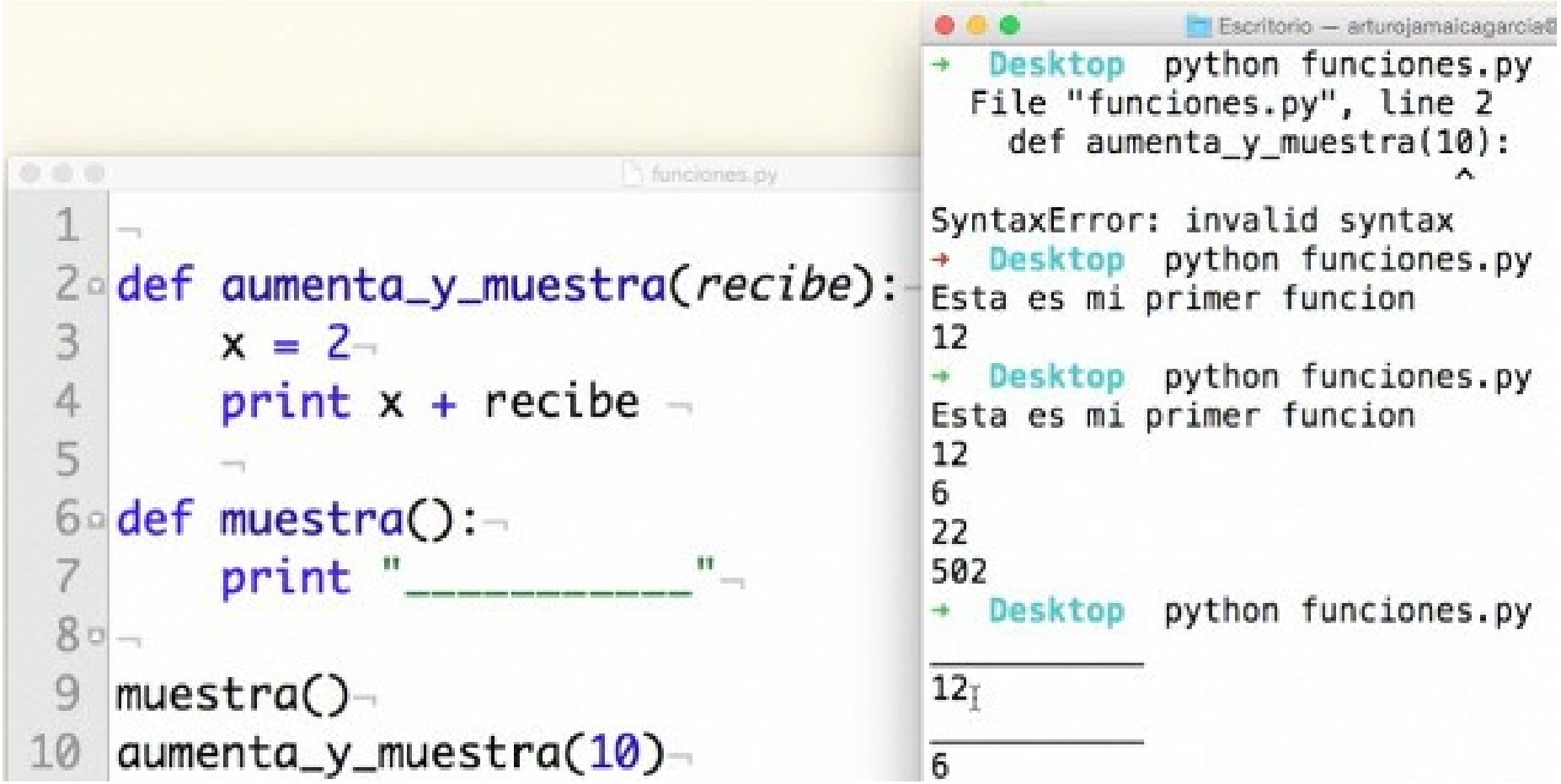
https://www.eclipse.org/ide/

Framework

Python – Frameworks

- **Existen varios Frameworks para Python:**
  - **Django.**

Python – Django



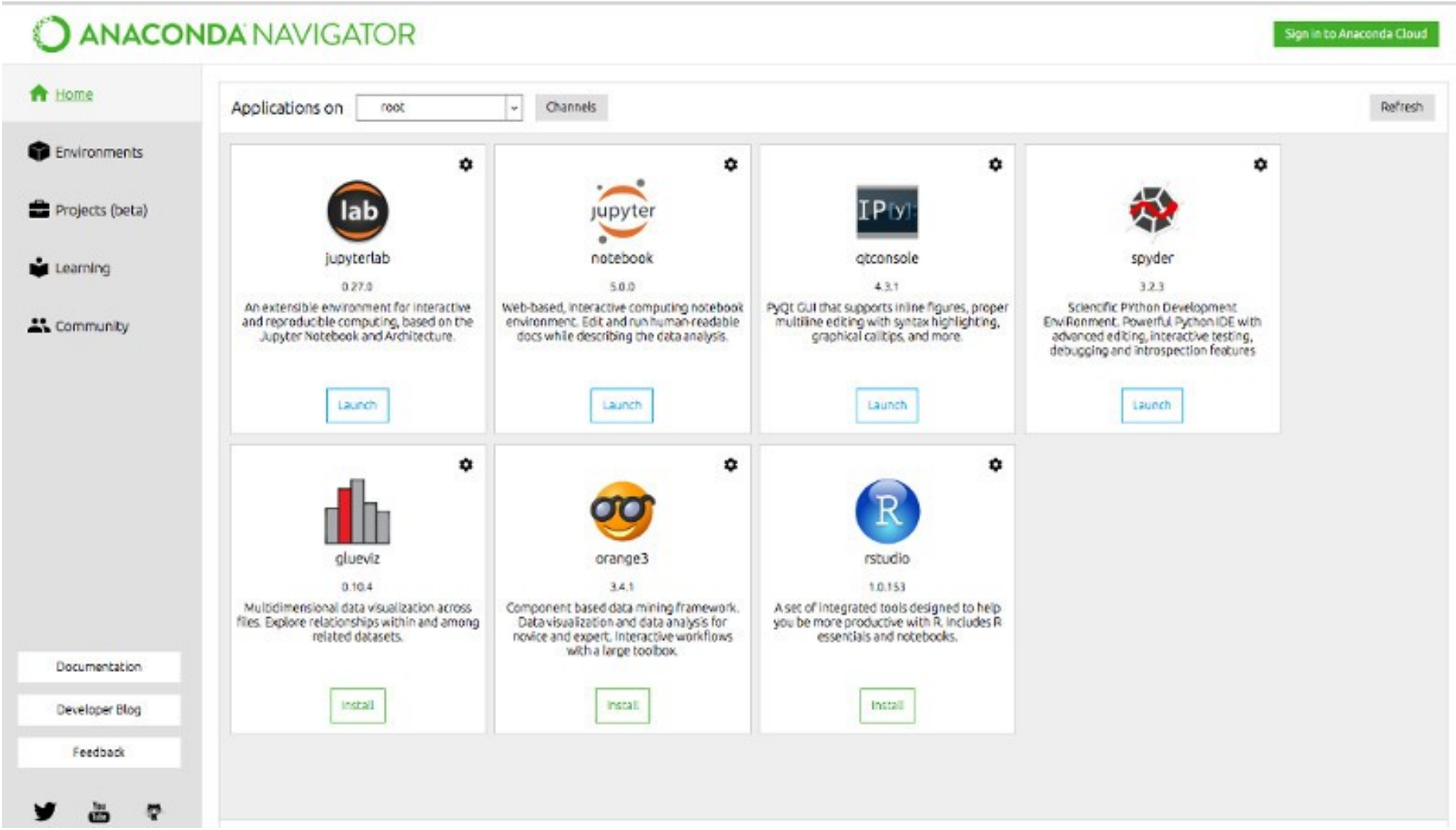
```
funciones.py

1
2  def aumenta_y_muestra(recibe):
3      x = 2
4      print x + recibe
5
6  def muestra():
7      print "____________"
8
9  muestra()
10 aumenta_y_muestra(10)
```

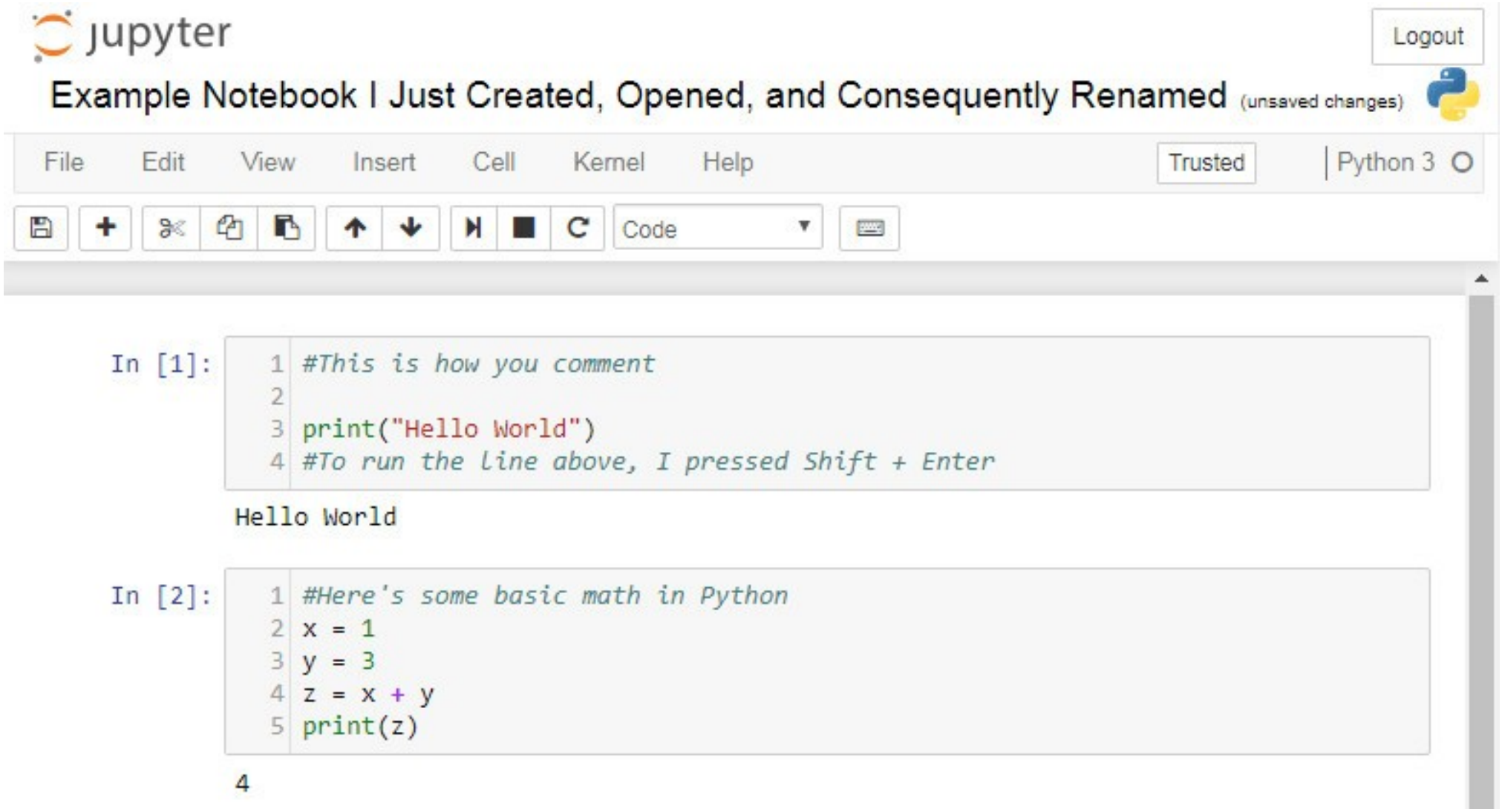
```
Escritorio — arturojamaicagarcia8
→  Desktop  python funciones.py
  File "funciones.py", line 2
    def aumenta_y_muestra(10):
                          ^
SyntaxError: invalid syntax
→  Desktop  python funciones.py
Esta es mi primer funcion
12
→  Desktop  python funciones.py
Esta es mi primer funcion
12
6
22
502
→  Desktop  python funciones.py
____________
12
____________
6
```

Como Servidor Web

Python – Anaconda



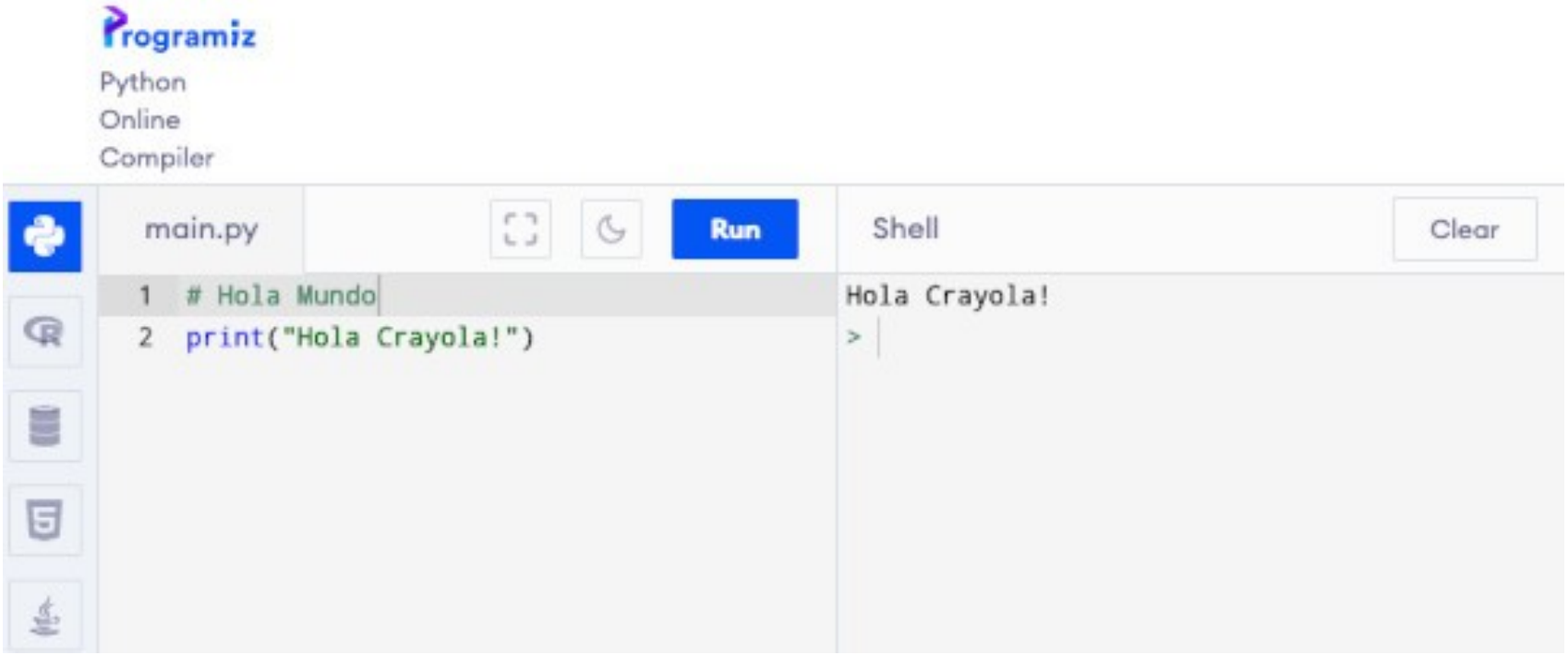
Python – Anaconda (Jupyter)



Online

Python Online

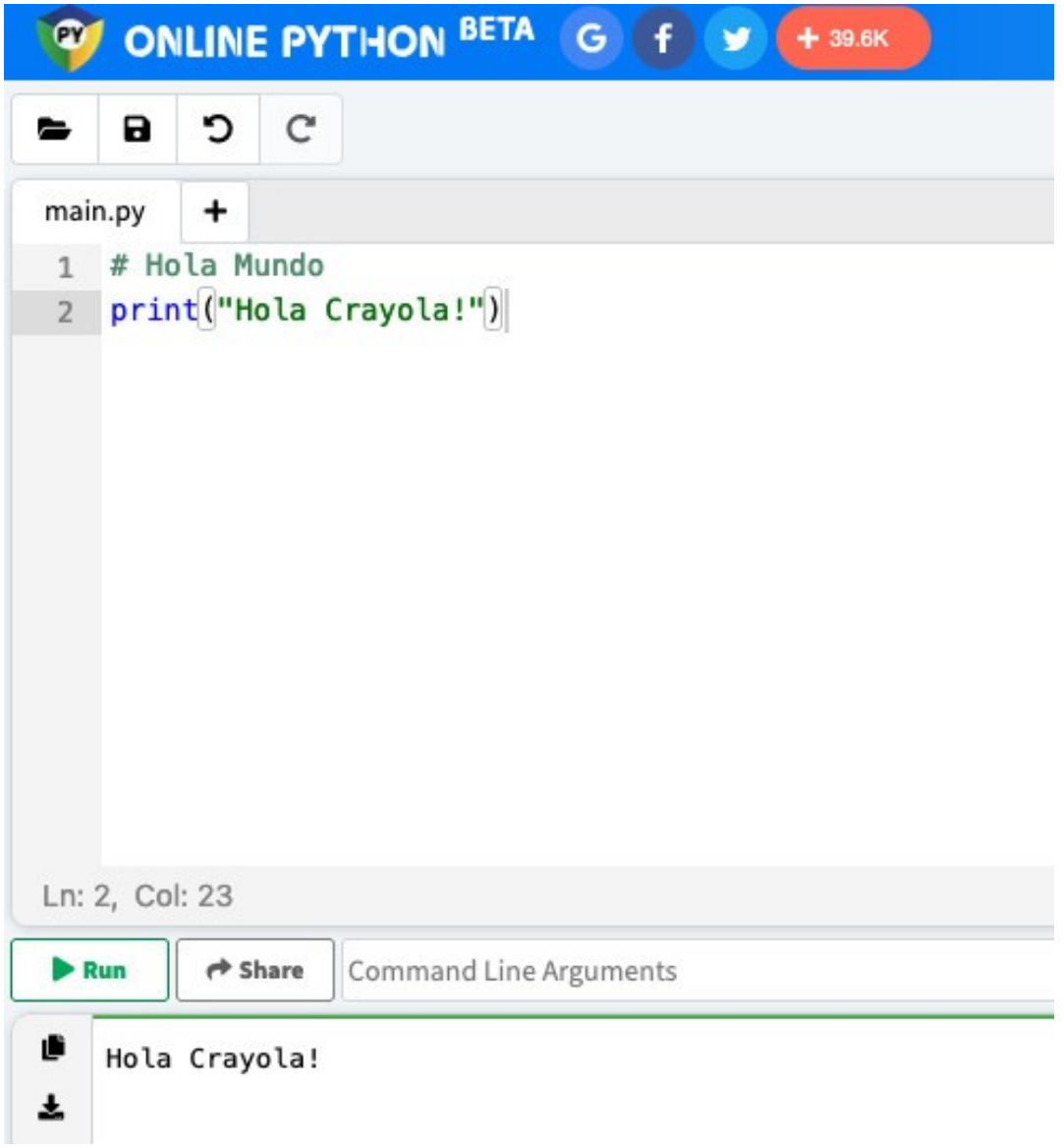
- **Programiz:**



https://www.programiz.com/python-programming/online-compiler/

Python Online

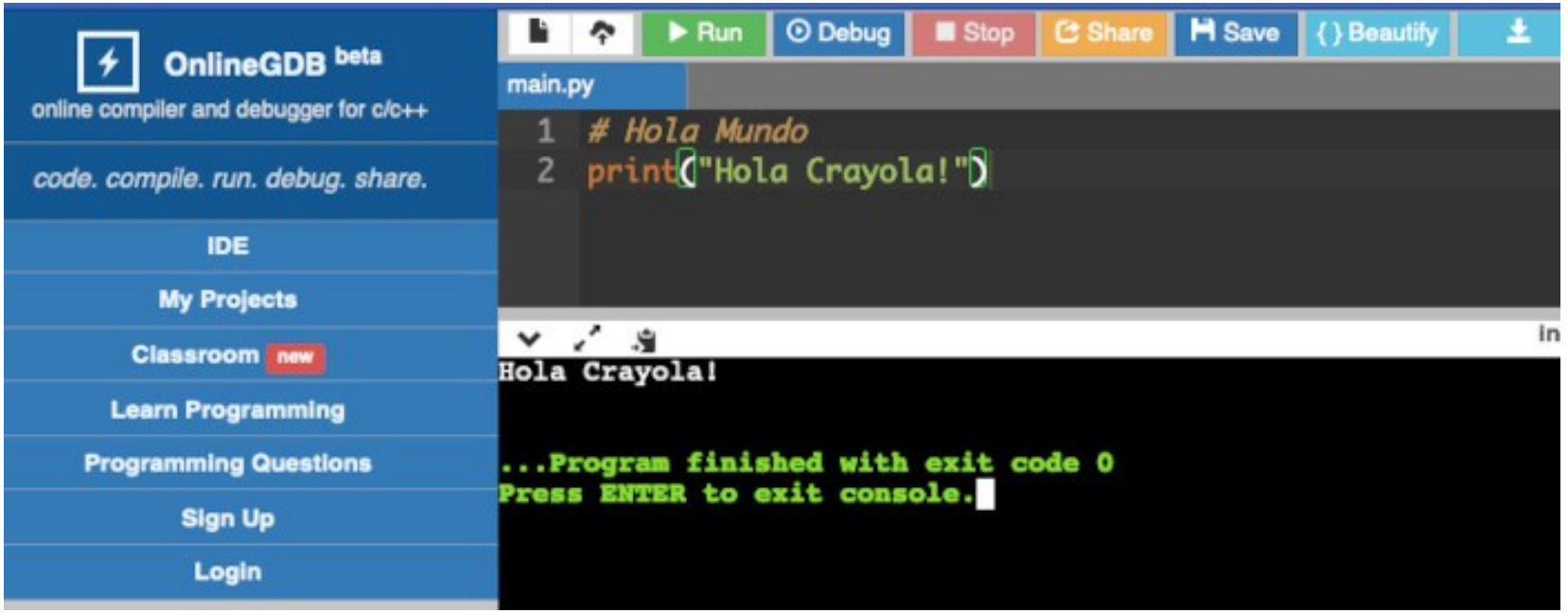
- **Online Python:**



https://www.online-python.com/

Python Online

- **OnlineGDB:**

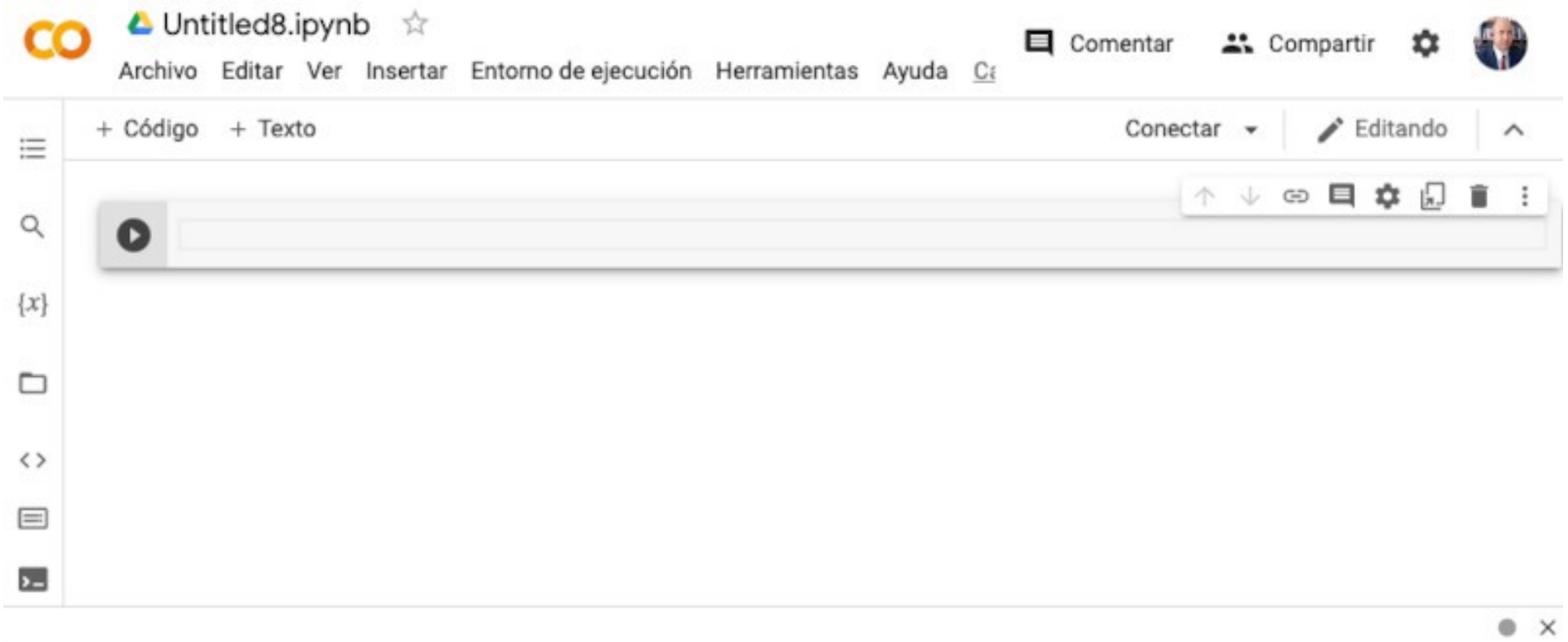


https://www.onlinegdb.com/online_python_compiler

En Nube

Python Cloud

- **Google Colaboratory:**



https://colab.research.google.com/

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https://www.youtube.com/channel/UC0on88n3LwTKxJb8T09sGjg

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