


Inicios en Python



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The official home of the **Python** Programming Language.

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Python 3.7.0 - Windows - Python 2.7.15 - Python 3.6.4 - Python 3.6.6

Python For Beginners

BeginnersGuide - BeginnersGuide/Download - IDEs - PythonEditors

Python Software Foundation

The mission of the Python Software Foundation is to ...

Applications

Applications for Python. Python is used in many application ...

Community





Forums - Conferences and Workshops - Diversity - ...

Python 3.7.0

Python 3.7.0 is the newest major release of the Python language ...

Python - Wikipedia, la enciclopedia libre

<https://es.wikipedia.org/wiki/Python>



Más imágenes

Python

Lenguaje de programación

Python es un lenguaje de programación interpretado cuya filosofía hace hincapié en una sintaxis que favorezca un código legible. Wikipedia

Sistema de tipos: Fuertemente tipado, dinámico

Extensiones comunes: py, .pyc, .pyd, .pyo, .pyw

Paradigma: Multiparadigma: orientado a objetos, imperativo, funcional, reflexivo

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Python 3: Fib

>>> def fib(n)

>>> a, b =

>>> while

>>> pr

>>> a,

>>> print

>>> fib(1000)

0 1 1 2 3 5 8

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Download for Windows

[Python 3.7.0](#)

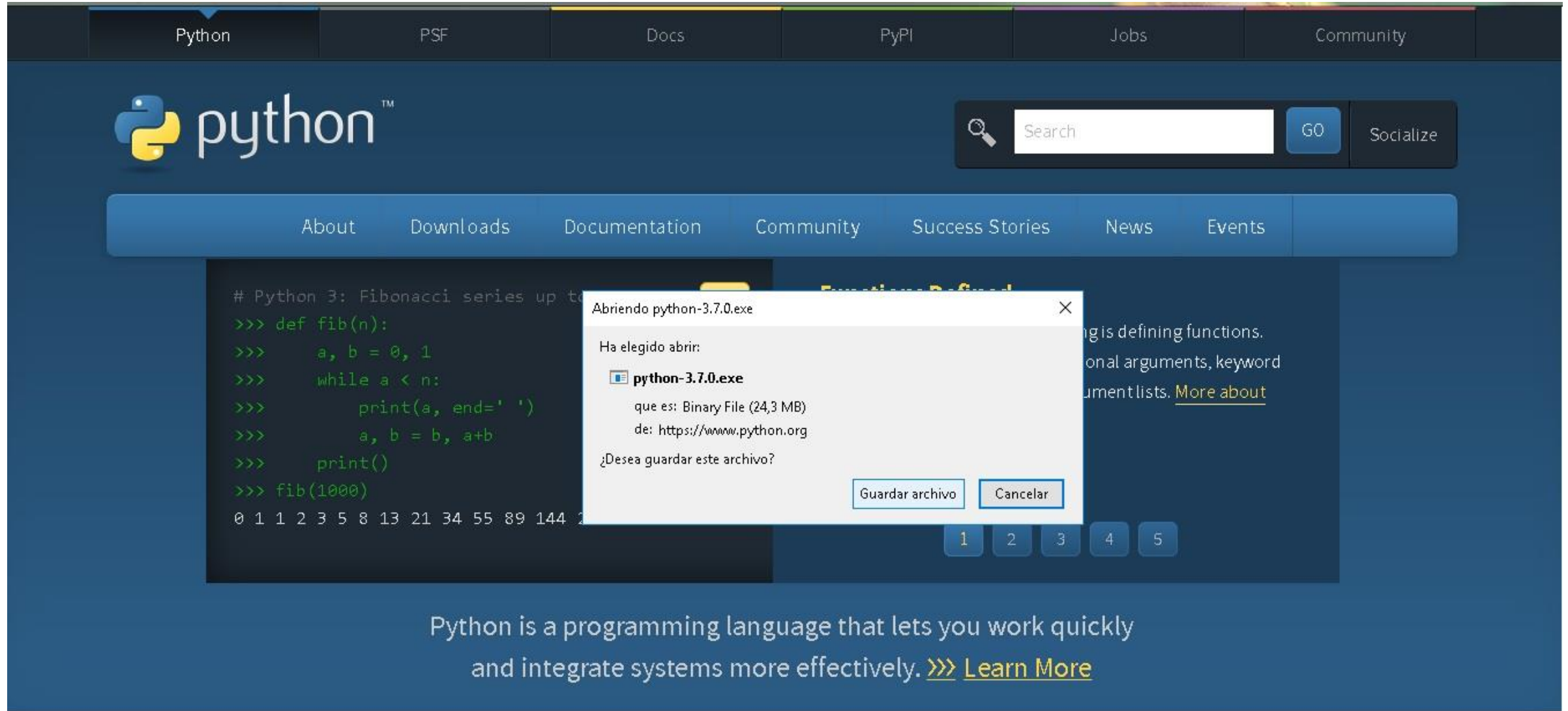
Note that Python 3.5+ *cannot* be used on Windows XP or earlier.

Not the OS you are looking for? Python can be used on many operating systems and environments.

[View the full list of downloads.](#)

Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)

Descargamos la última versión



The image shows the Python.org website with a dark blue header and navigation bar. The main content area features the Python logo and a search bar. A file download dialog box is overlaid on the page, showing the file 'python-3.7.0.exe' (24.3 MB) and asking if the user wants to save it. The background code snippet shows a Fibonacci function definition and its execution.

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```
# Python 3: Fibonacci series up to n
def fib(n):
    a, b = 0, 1
    while a < n:
        print(a, end=' ')
        a, b = b, a+b
    print()
fib(1000)
```

0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987 1597 2584 4181 6765 10946 17711 28657 46368 75025 121393 196418 317811 514229 832040 1346269 2178309 3524558 5702827 9227466 14930357 24157816 39088369 63245986 102334155 165580141 267914257 433494400 701408757 1134903157 1836386904 2971293061 4807692768 7778762436 12586864069 20365589088 32952354149 53317713257 86269571426 139583544755 225851433812 365435296169 591286729881 956738286256 1553516977744 2511235468538 4064751757193 6576007225731 10637715622920 17203717029761 27835619542681 45039062903542 72874370066163 117911723867645 190790901771428 308662618544681 500003708531826 808884437106409 1308988145841635 2119108914968809 3428090860804514 5547199775766323 9006514683495042 14553614457715065 23569793594602099 38123408262317164 61693192410919263 100014886234266337 161788139694969092 261803446129140629 423591605844109891 685396530973250812 1108198167117341441 1793589599140541253 2901787766257882665 4695377365398423918 7597165564538316583 12292542870836740501 20000000000000000000

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de: <https://www.python.org>

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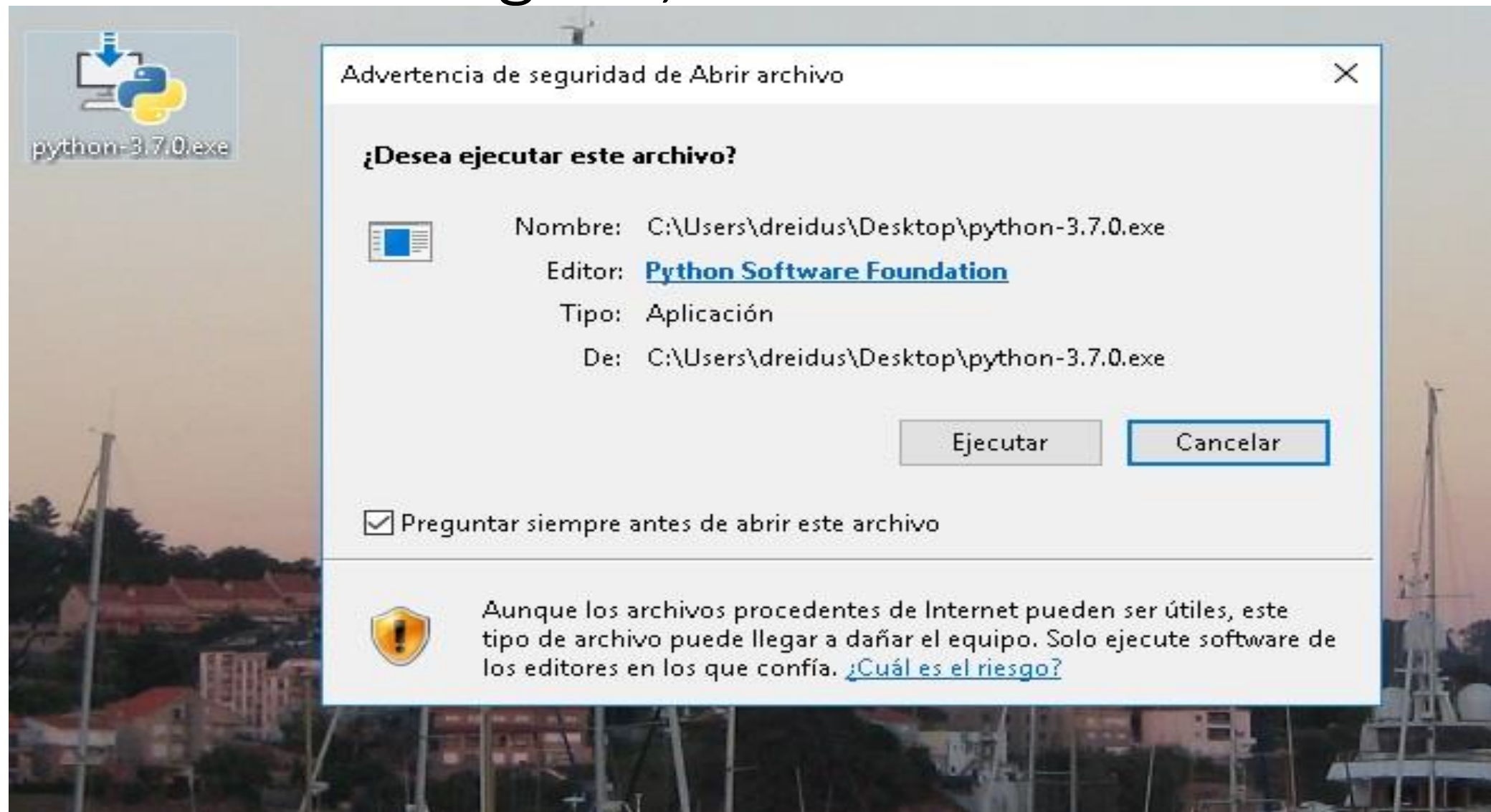
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1 2 3 4 5

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Una vez descargado, lo instalamos



Install Python 3.7.0 (32-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

→ Install Now

C:\Users\dreidus\AppData\Local\Programs\Python\Python37-32

Includes IDLE, pip and documentation
Creates shortcuts and file associations

→ Customize installation

Choose location and features

☒ Install launcher for all users (recommended)

☐ Add Python 3.7 to PATH

Cancel





python
for
windows

Click en la opción, Add Python 3.7 to PATH



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Visual Studio Code - Code Editing. Redefined

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By using VS Code, you agree to its license and privacy statement. IntelliSense. Debugging. **Built-in Git**.

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Visual Studio Code - Wikipedia, la enciclopedia libre

https://es.wikipedia.org/wiki/Visual_Studio_Code ▼

Visual Studio Code es un editor de código fuente desarrollado por Microsoft para Windows , Linux y macOS. Incluye soporte para la depuración, control ...

Visual Studio Code - Wikipedia

https://en.wikipedia.org/wiki/Visual_Studio_Code ▼ Traducir esta página

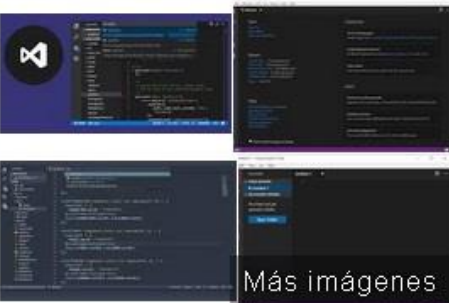

Visual Studio Code is a source code **editor** developed by Microsoft for Windows, Linux and macOS. It includes support for debugging, embedded **Git** control, **syntax highlighting**, intelligent code completion, snippets, and code refactoring.

Developer(s): Microsoft

Stable release: 1.25.1 (June 2018; 1 month ago)

Preview release: 1.23.0-insider (6 April 2018; 3 ...

Initial release: April 29, 2015; 3 years ago



Más imágenes






Visual Studio Code

Software

Visual Studio Code es un editor de código fuente desarrollado por Microsoft para Windows, Linux y macOS. Wikipedia


Escrito en: TypeScript, JavaScript, Hoja de estilos en cascada

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Version 1.25 is now available! Read about the new features and fixes from June.

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Dirk Baumer [Install](#)

app.ts

www.ts


package.json

README.md

```
1 import app from './app';
2 import debugModule = require('debug');
3 import http = require('http');
4
5 const debug = debugModule('node-express-typescript:server');
6
7 // Get port from environment and store in Express.
8 const port = normalizePort(process.env.PORT || '3000');
9 app.set('port', port);
10
11 // create
12 const ser
13 server.li
14 server.on
15 server.on
16
17 /**
18  * Normal
19  */
20 function normalizePort(val: any): number|string|boolean {
21   let port = parseInt(val, 10);
22 }
```

Ln 9, Col 21 Spaces: 2 UTF-8 LF TypeScript

Lo guardamos e iniciamos su instalación

 Visual Studio Code

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Version 1.25 is now available! Read about the new features and fixes from June.

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GET STARTED

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PYTHON

JAVA

AZURE

EXTENSION AUTHORIZING

EXTENSIBILITY REFERENCE

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Getting Started


Visual Studio Code is a lightweight, cross-platform IDE available for Windows, macOS, Linux, and Raspberry Pi. It's free and open source, and has a rich ecosystem of extensions and runtimes (such as .NET and Node.js).

Visual Studio Code in Action

```
6 |
7 | var server = express();
8 | server.use(bodyParser.json());
9 |
10 | server.listen(3000, () => {
```

Abriendo VSCodeSetup-x64-1.25.1.exe

Ha elegido abrir:

 **VSCodeSetup-x64-1.25.1.exe**

que es: Binary File (44,9 MB)

de: <https://az764295.vo.msecnd.net>

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GETTING STARTED

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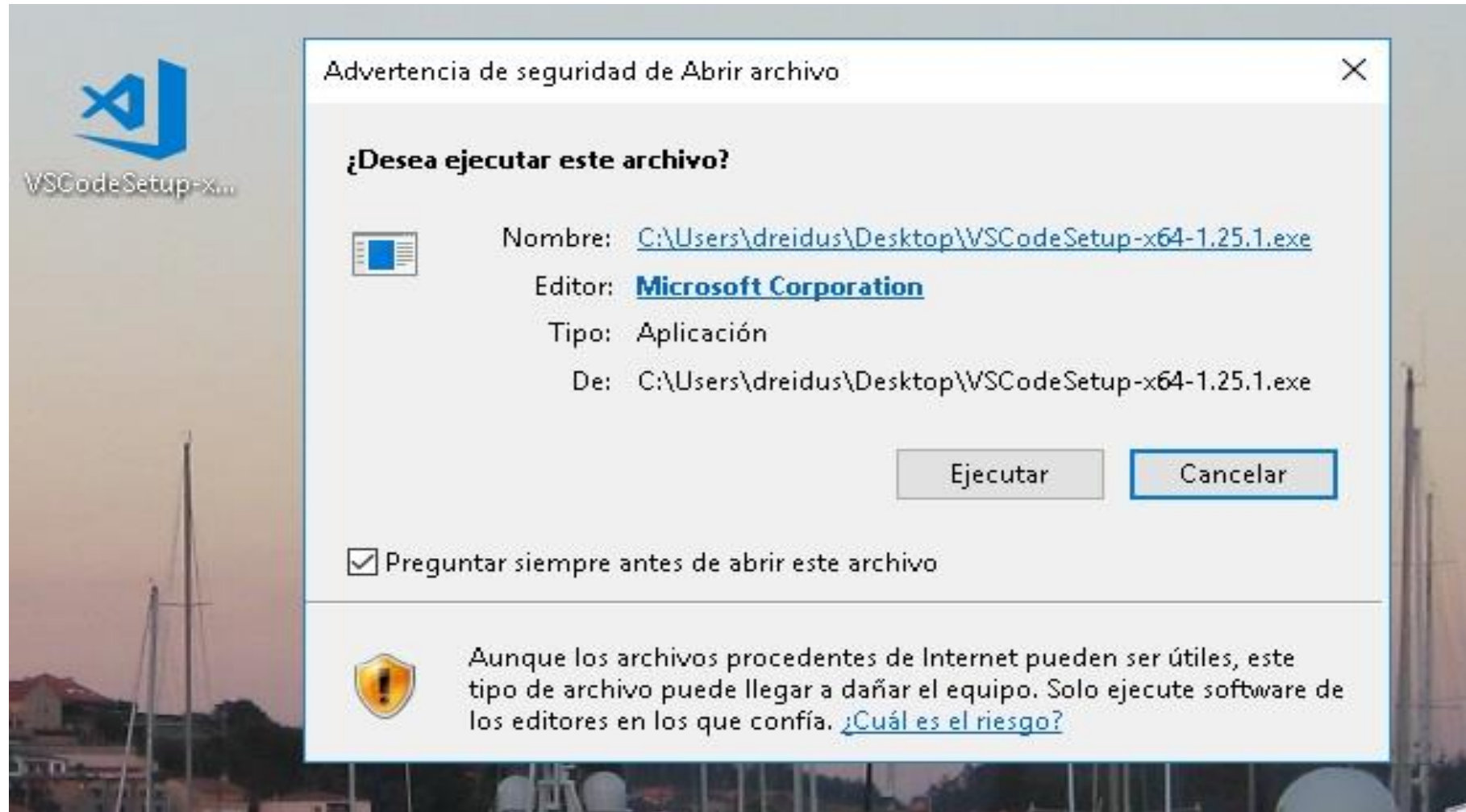
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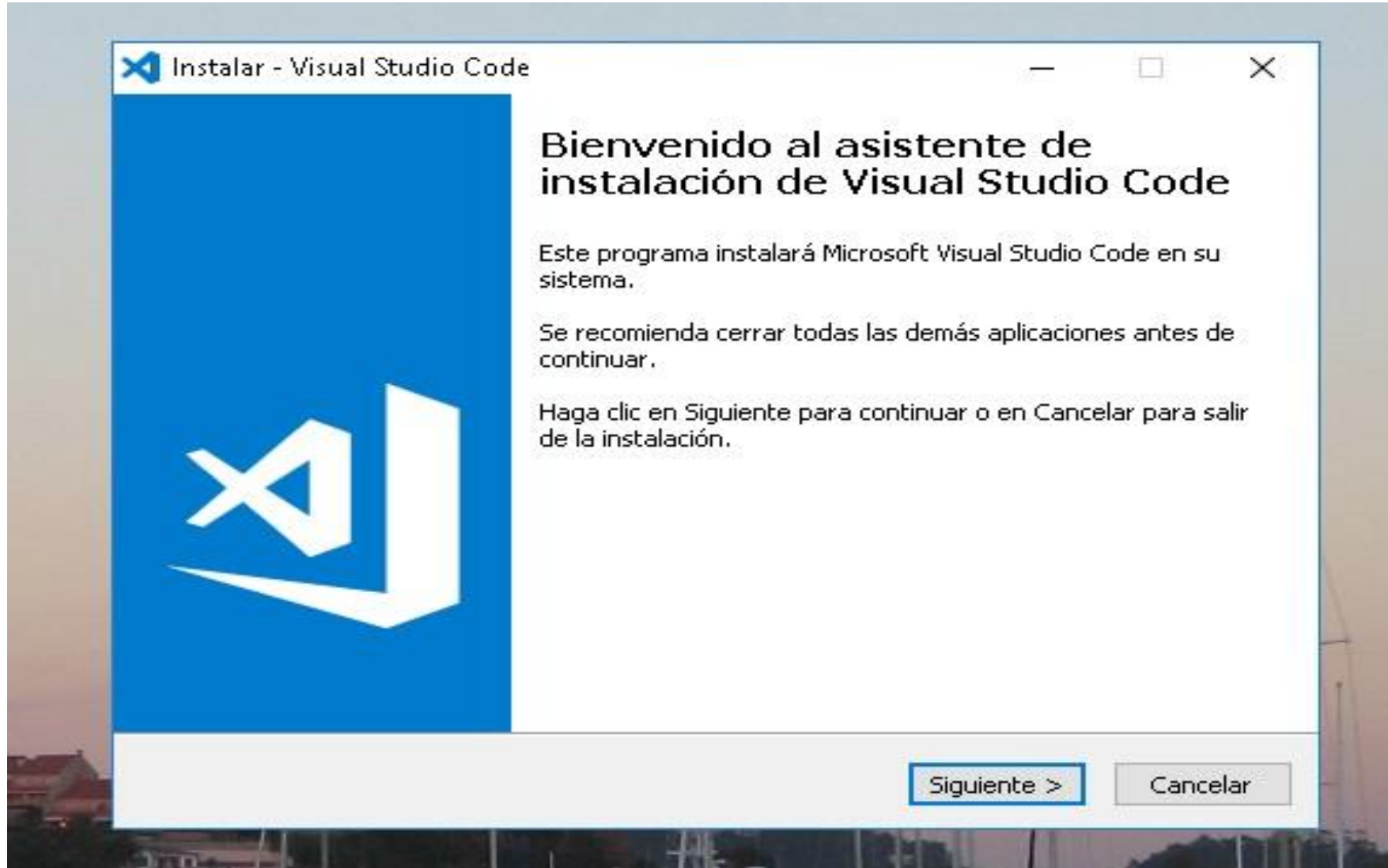
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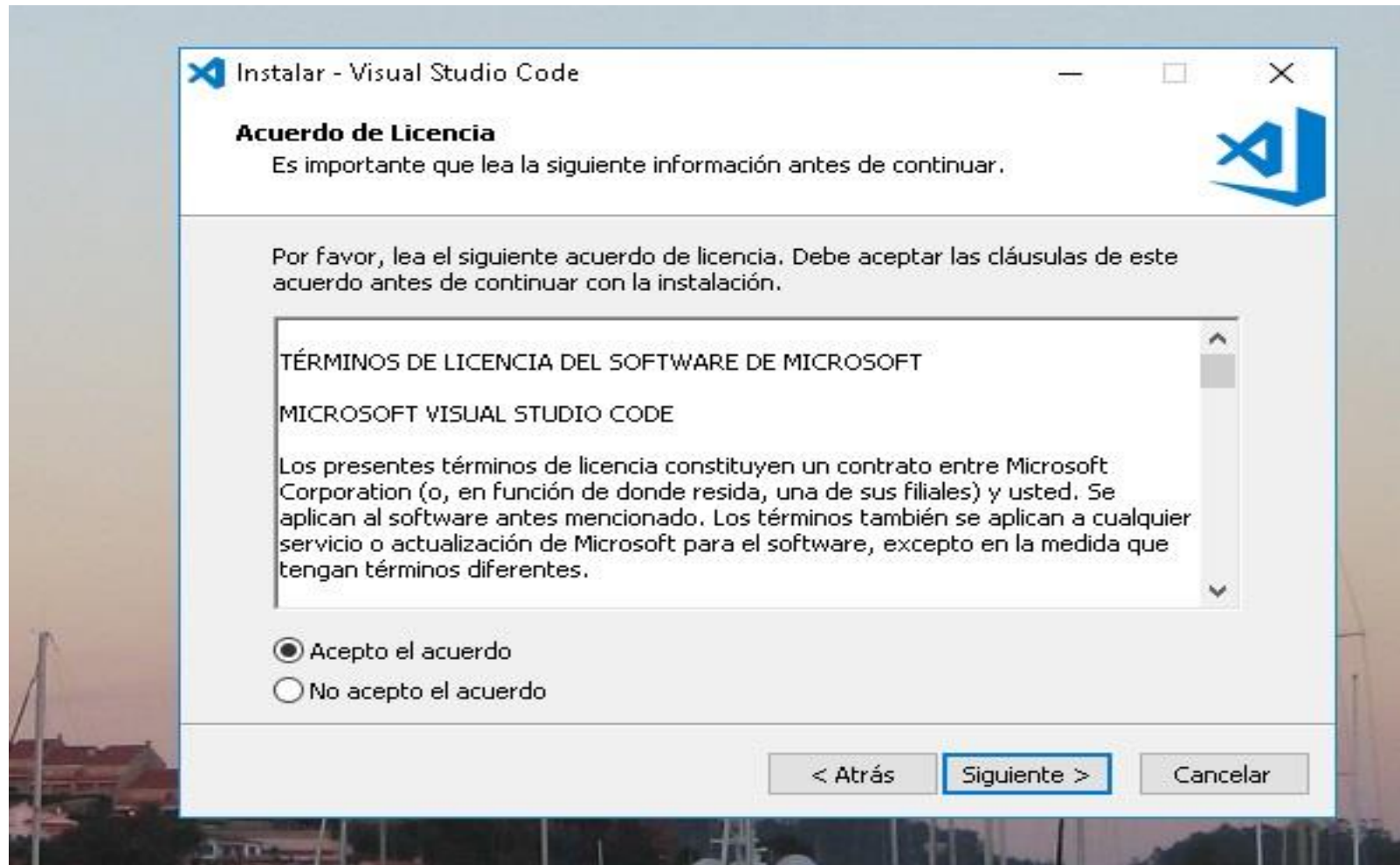
Ejecutamos el instalador



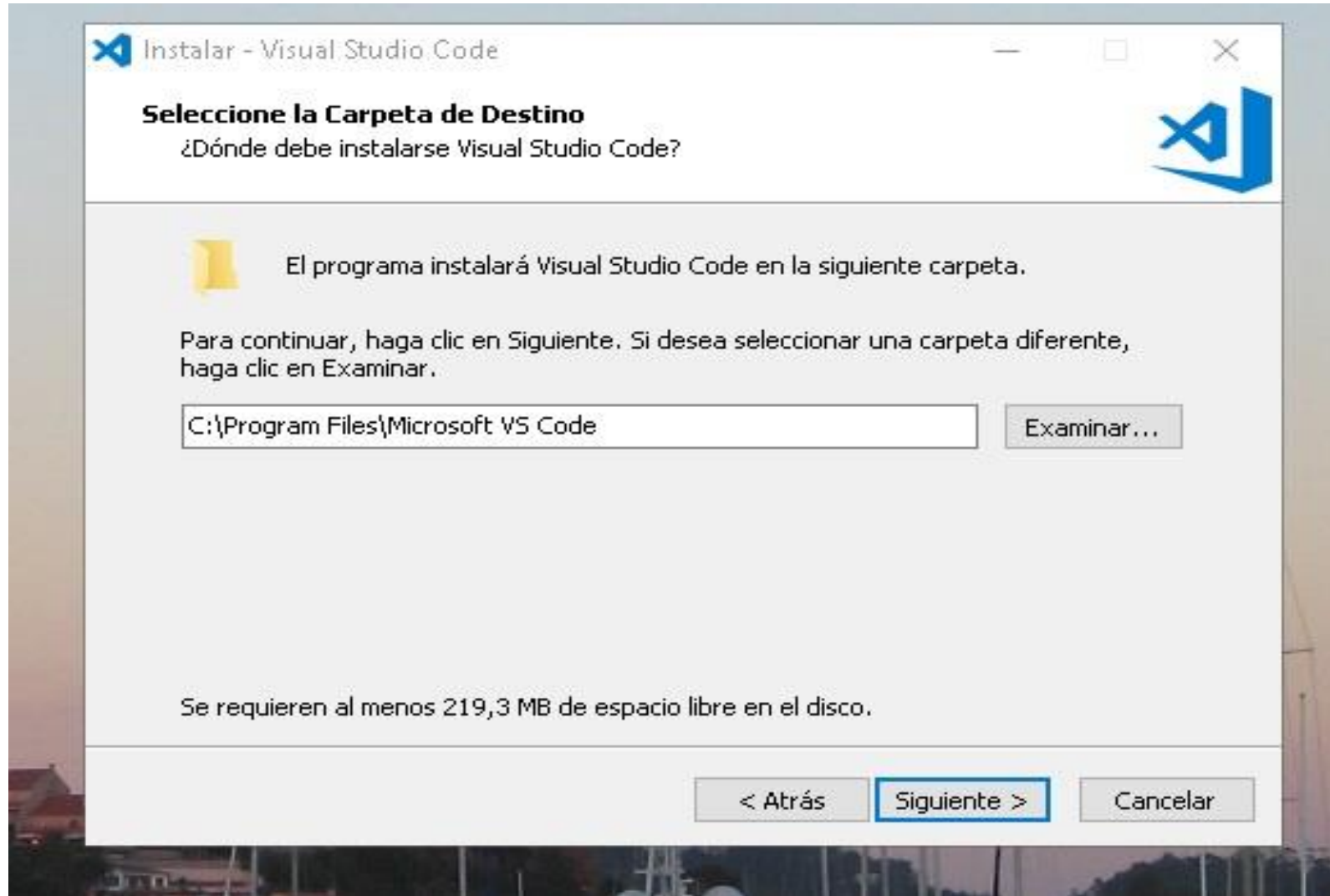
Pulsamos en siguiente



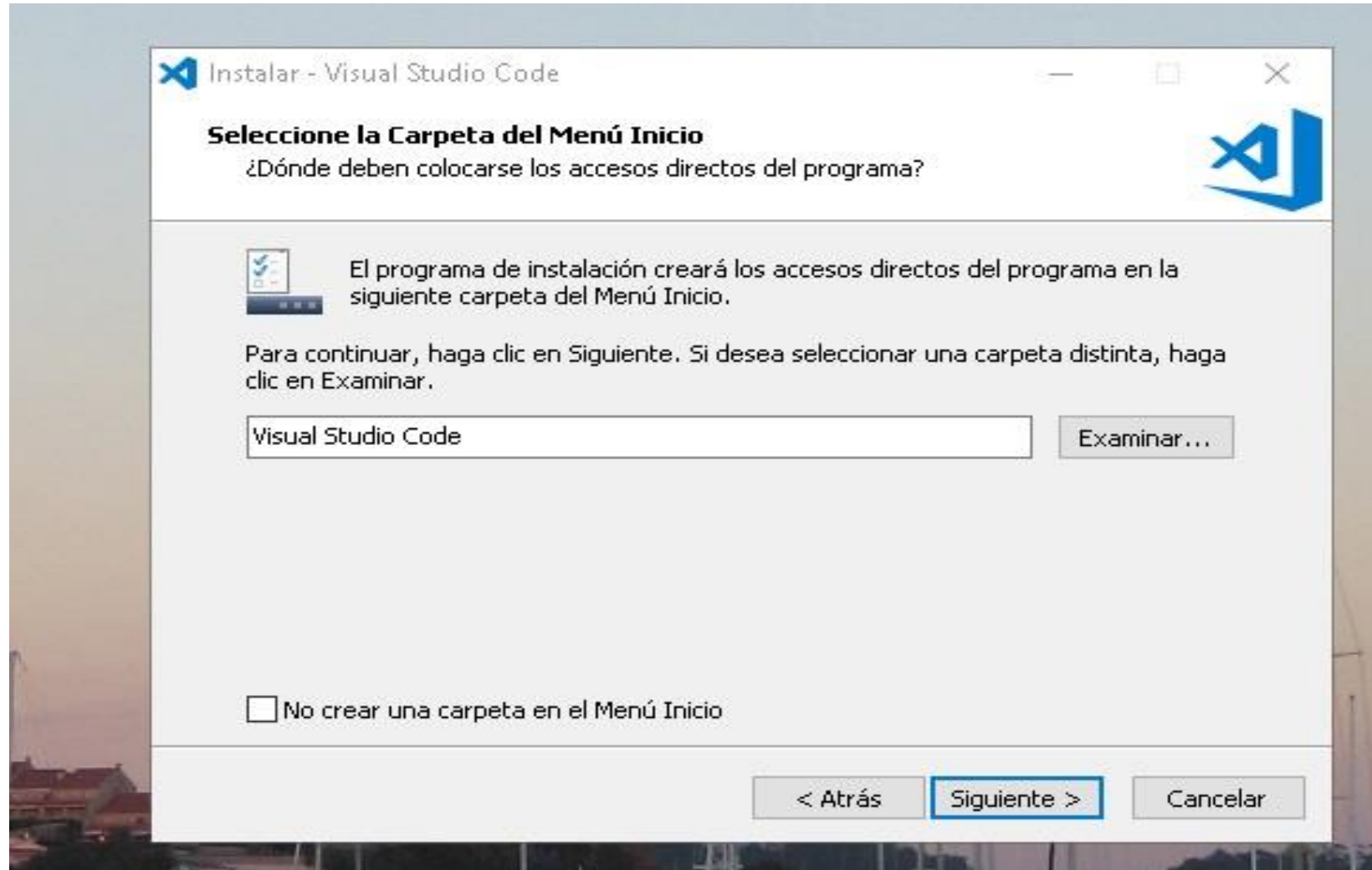
Aceptamos y pulsamos en siguiente



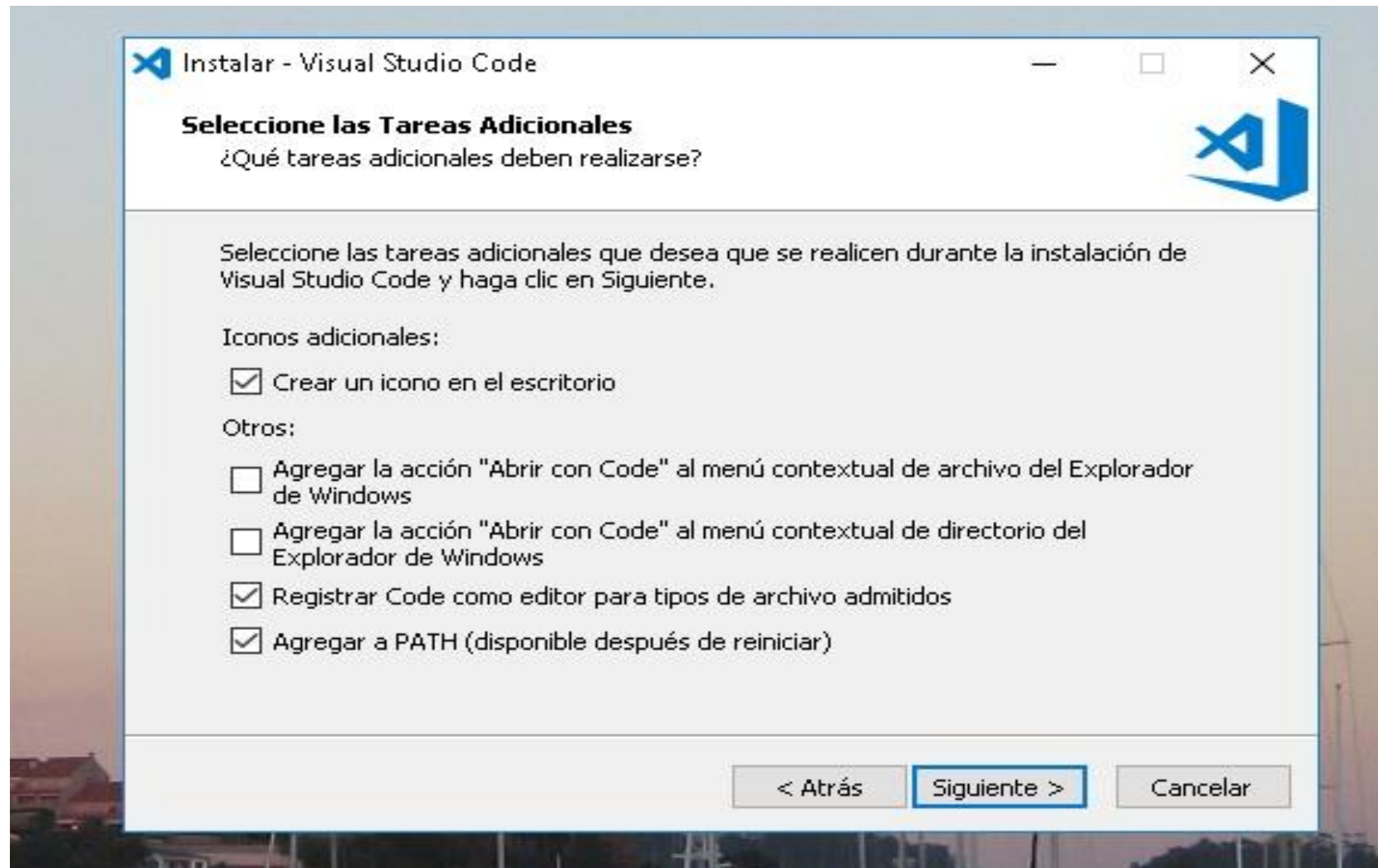
Pulsamos en siguiente



Pulsamos en siguiente



Marcamos las opciones de la imagen y siguiente



Instalamos





Mostrar todos los comandos Ctrl+Mayús+P

Abrir archivo Ctrl+O

Abrir carpeta Ctrl+K Ctrl+O

Abrir recientes Ctrl+R

Alternar terminal Ctrl+ñ



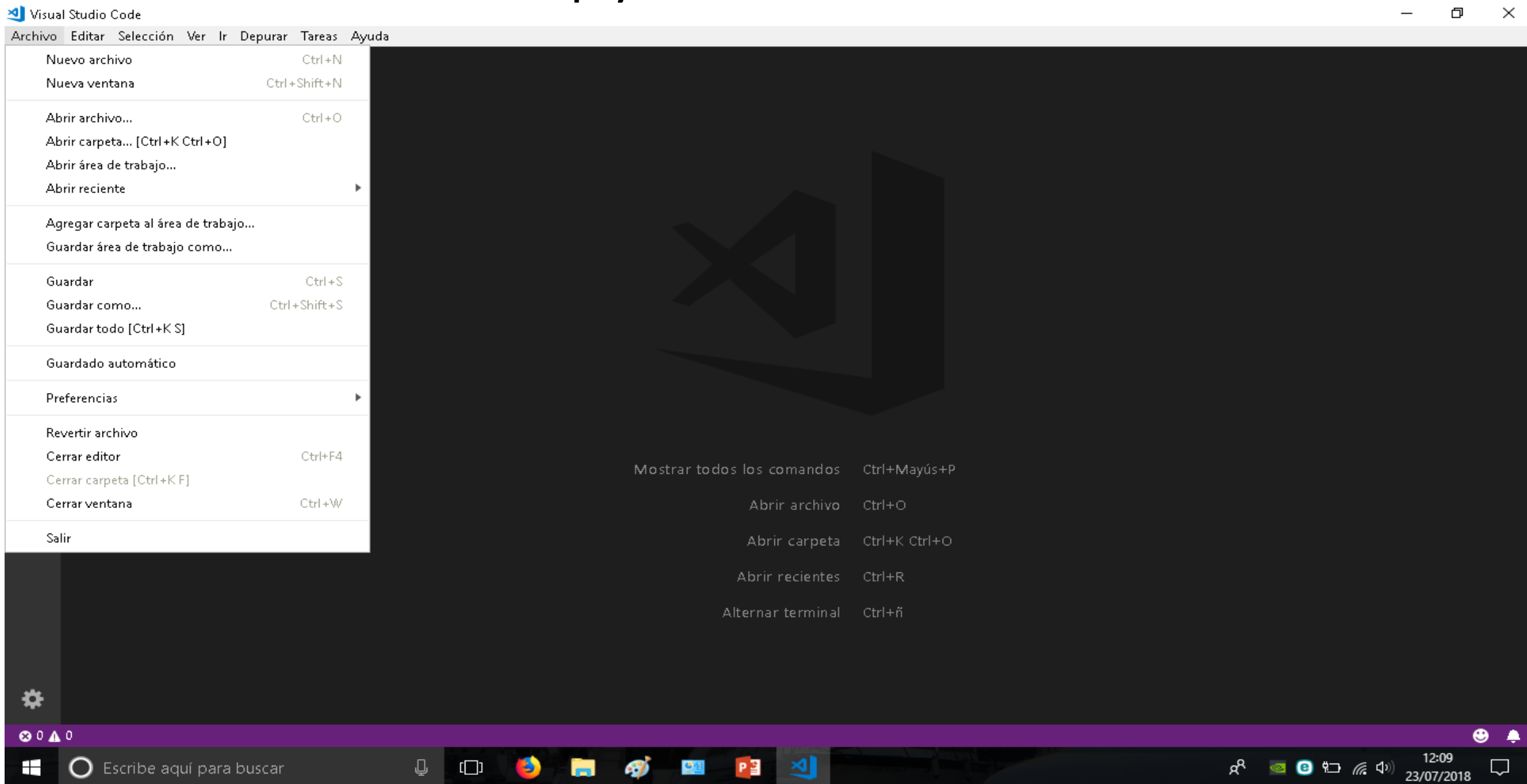
Escribe aquí para buscar



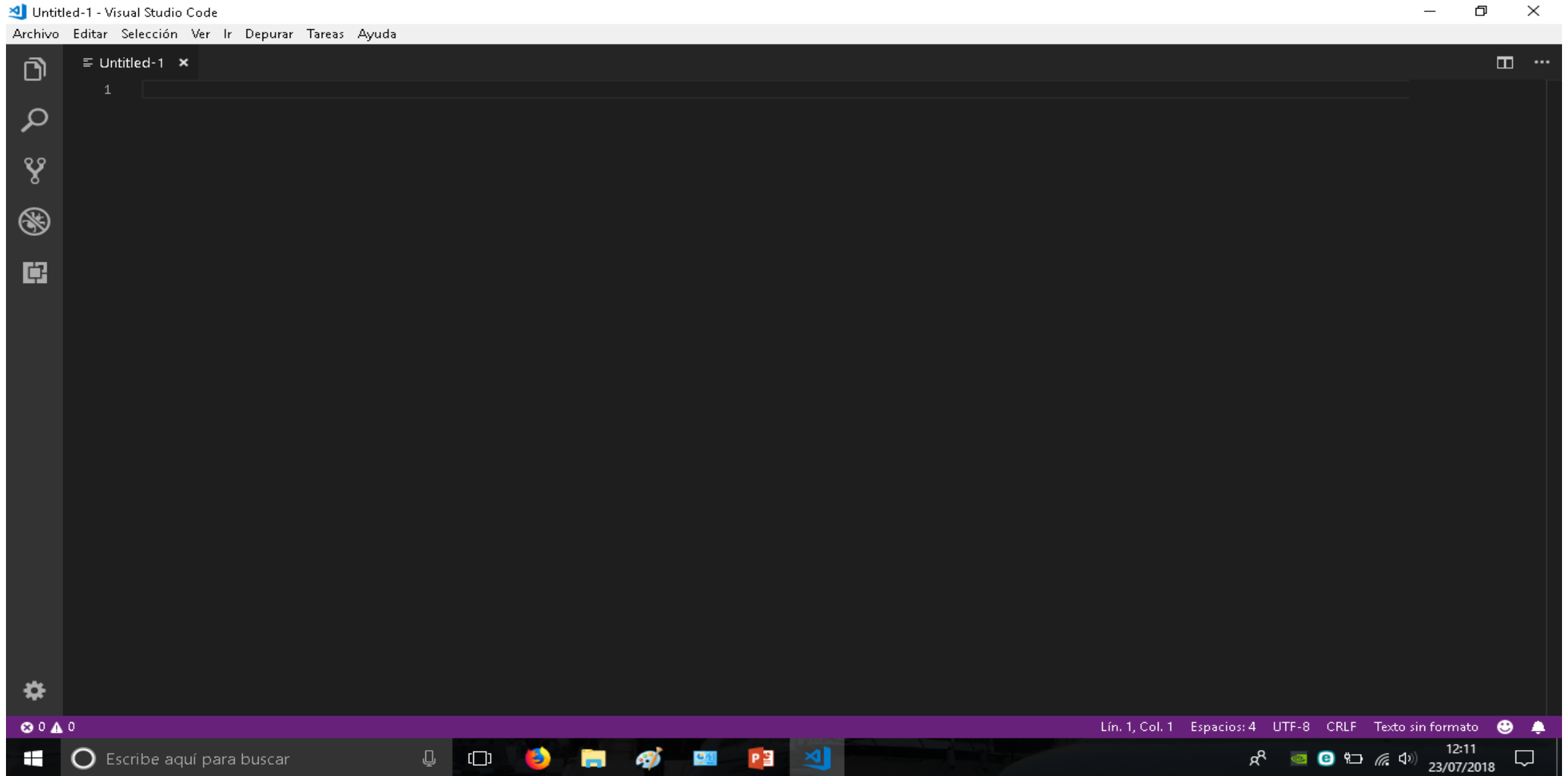
12:07
23/07/2018



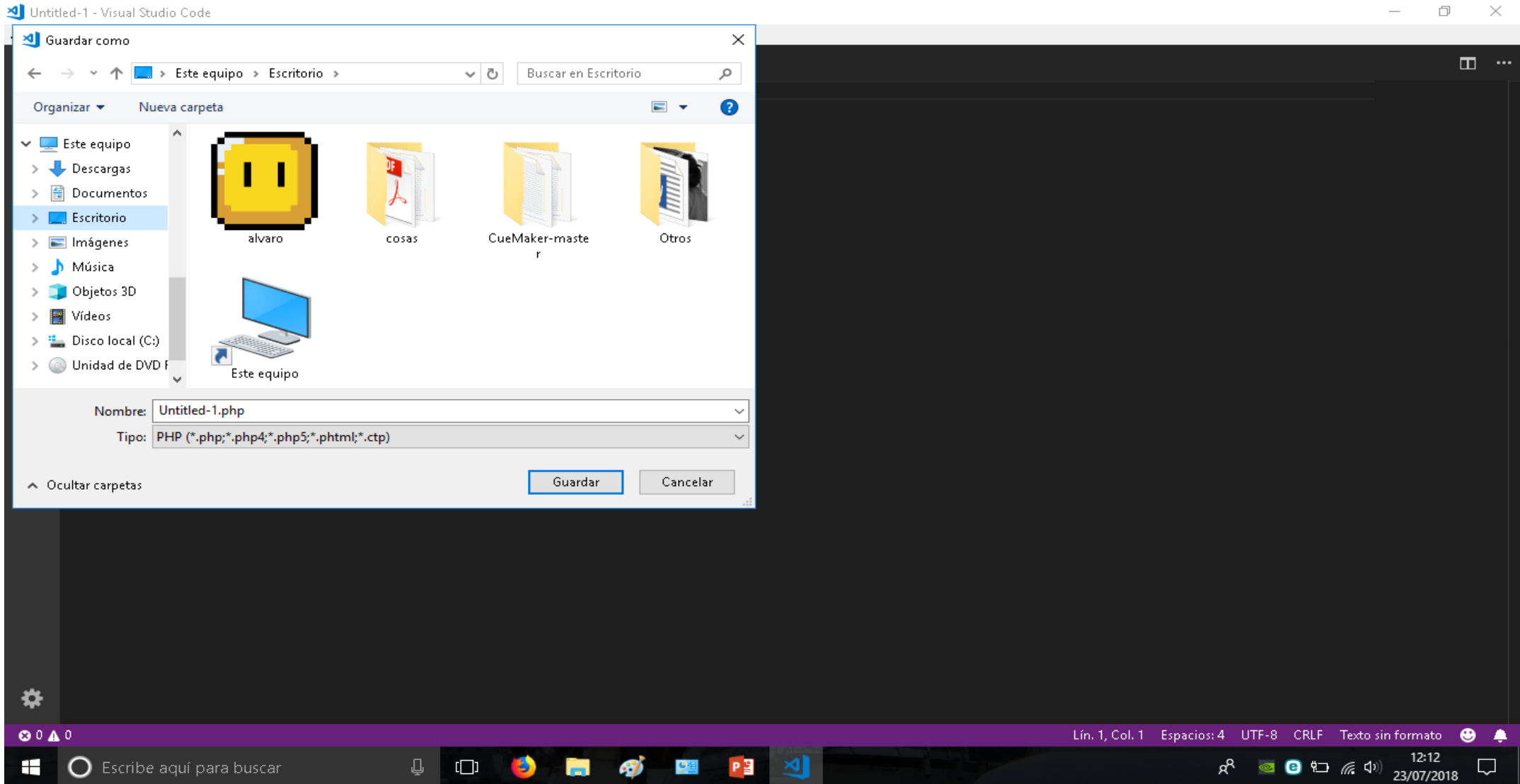
Creacion archivo .py



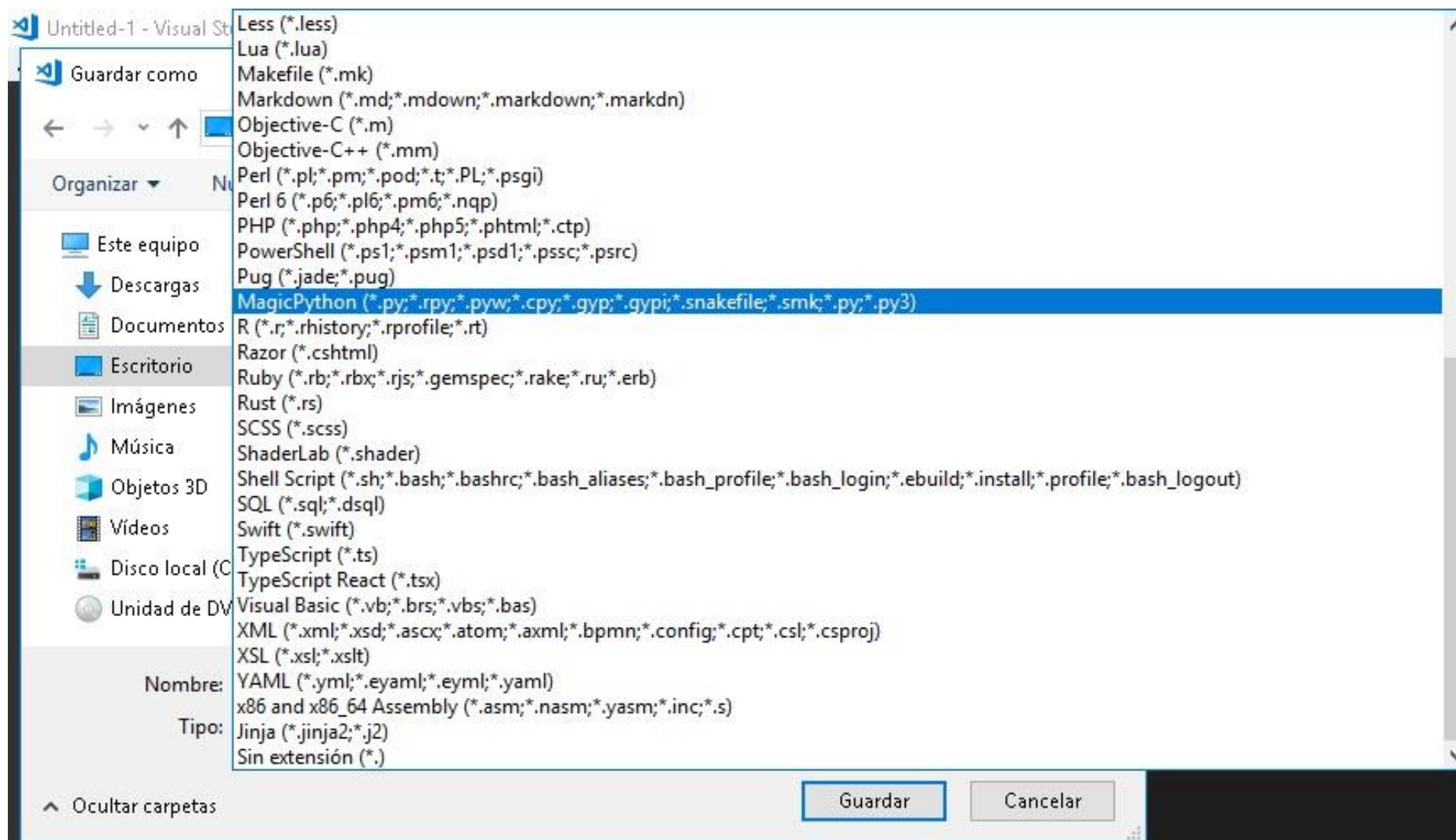
Seleccionamos nuevo archivo



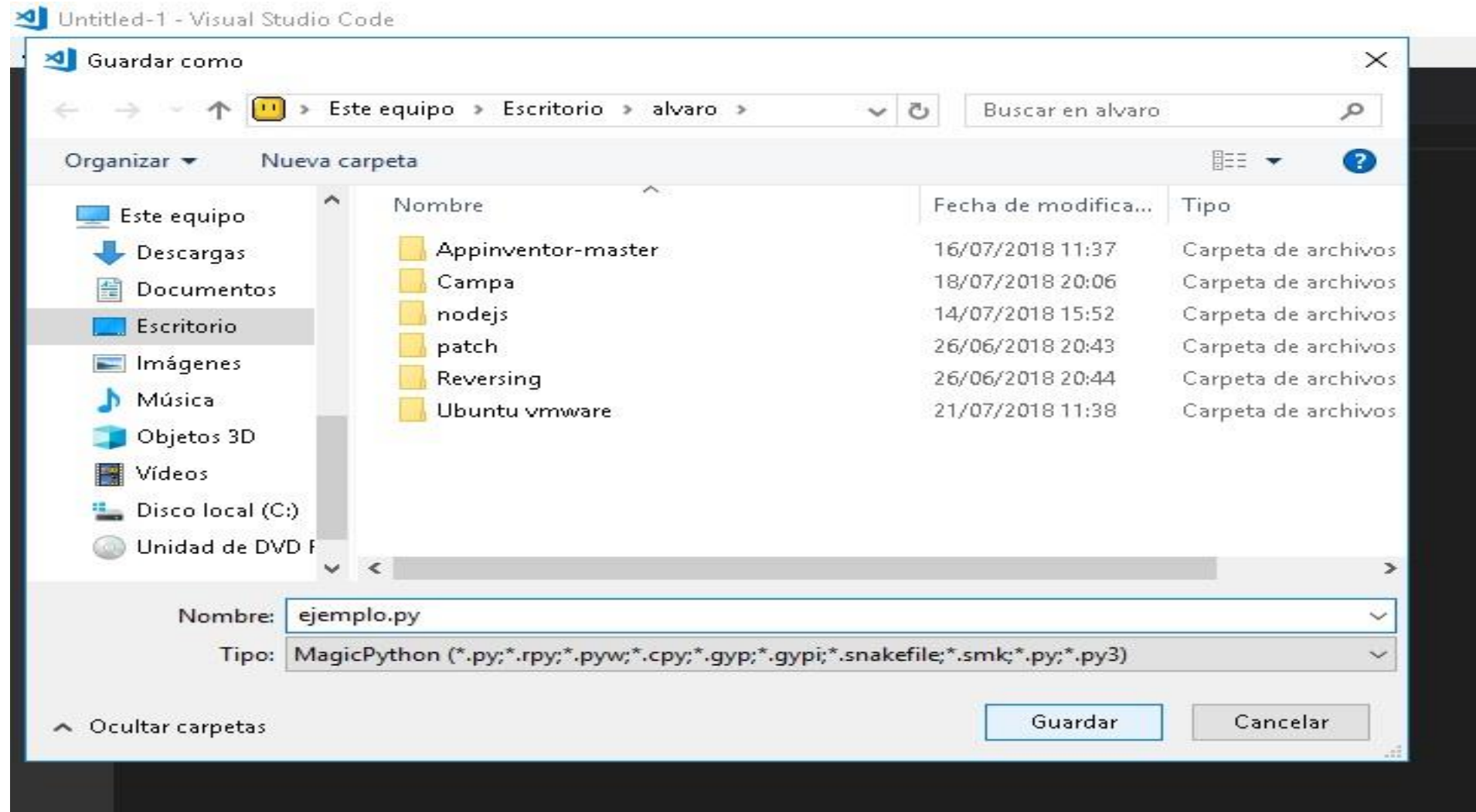
En archivo, guardar como



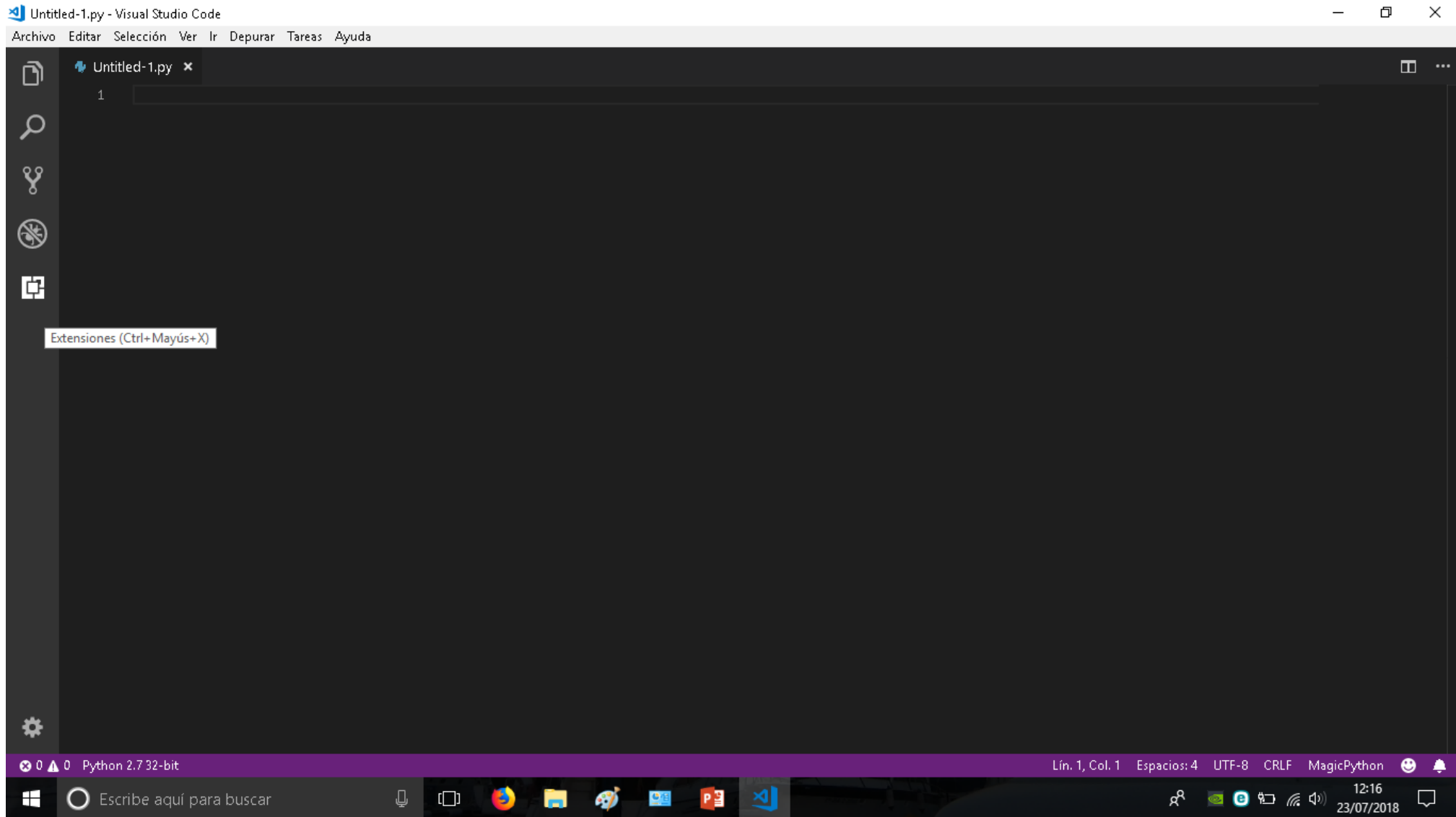
Seleccionamos magicpython



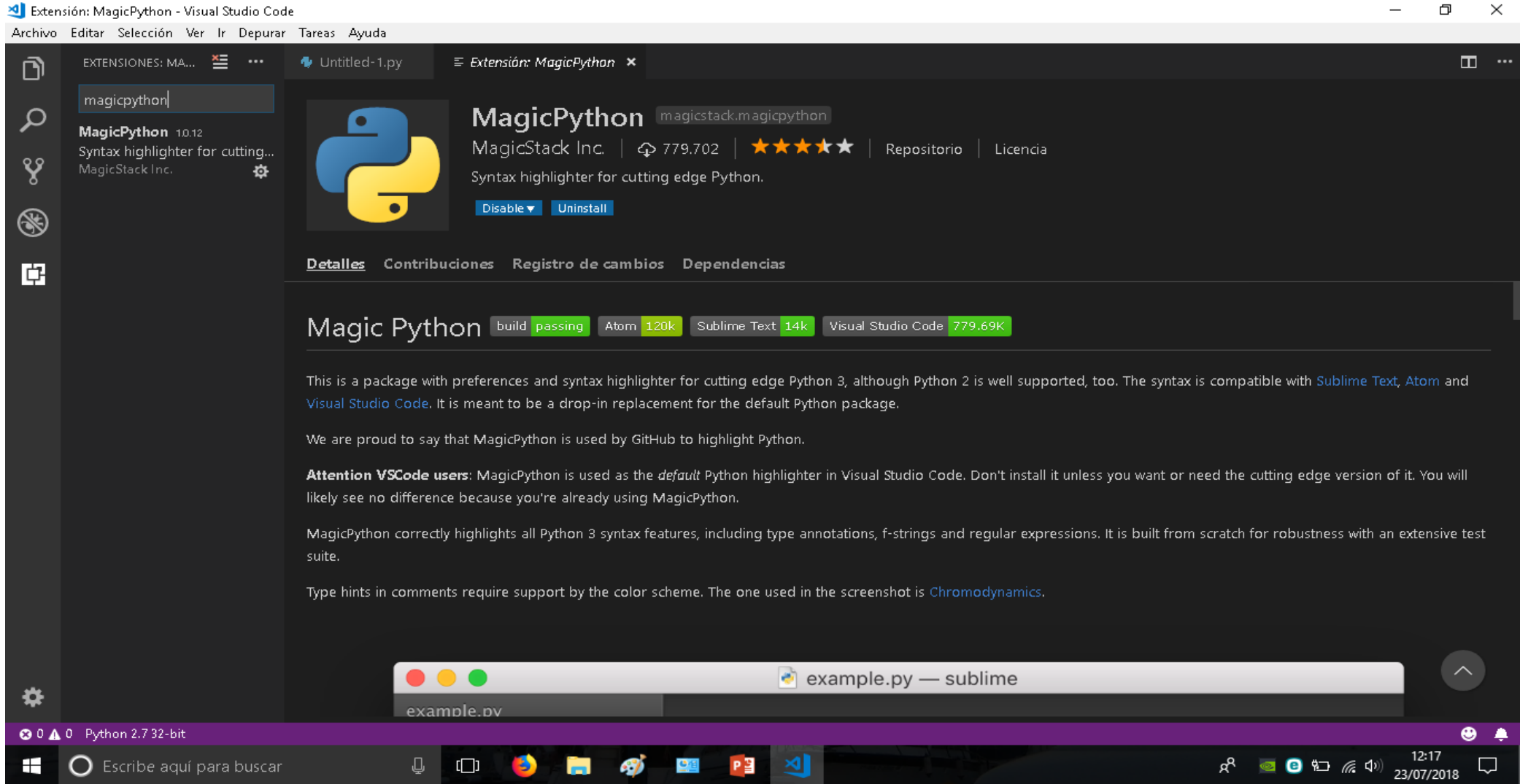
Le damos un nombre y guardar



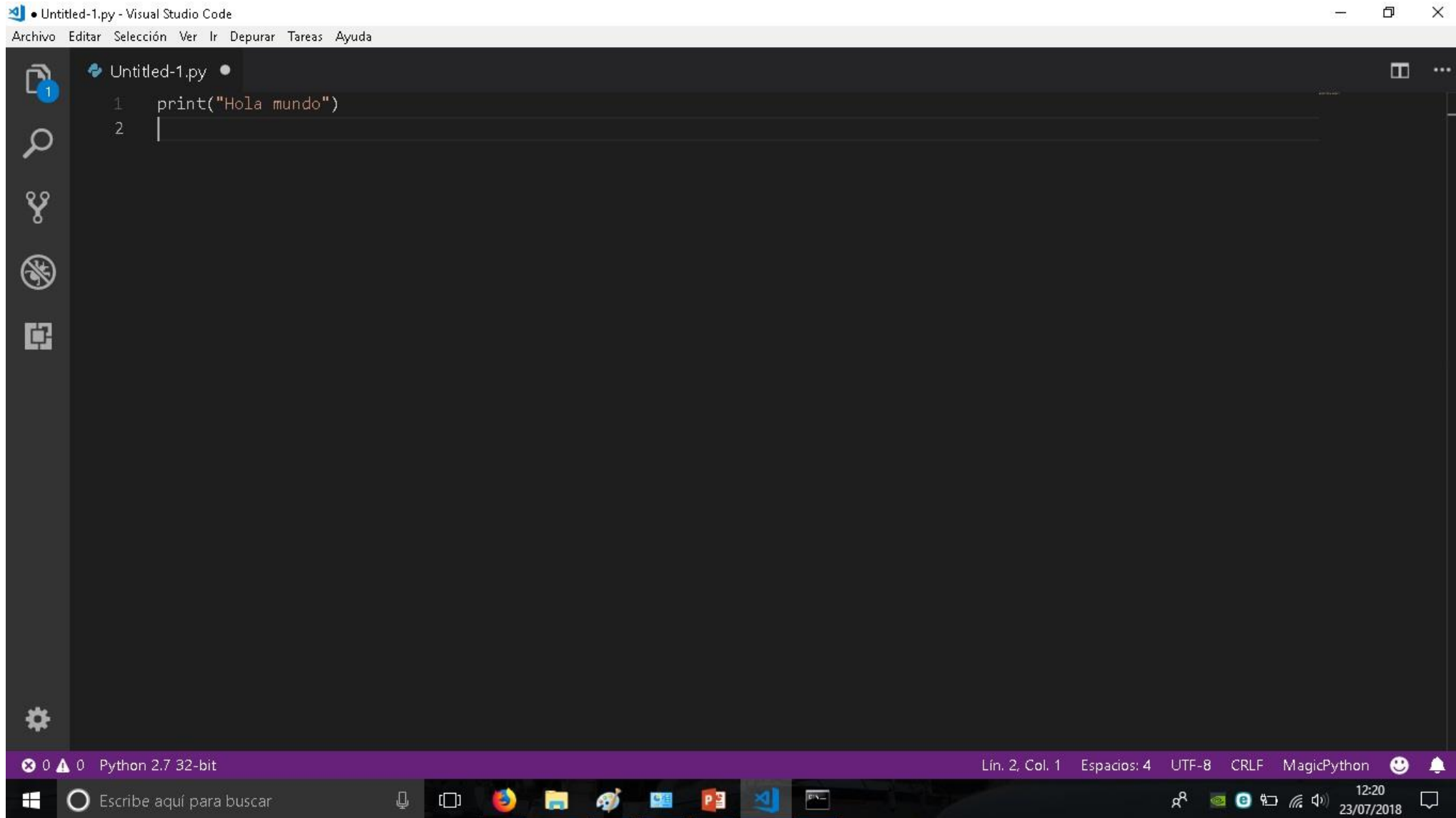
Si la opción magicpython no apareciese Pulsamos sobre extensiones



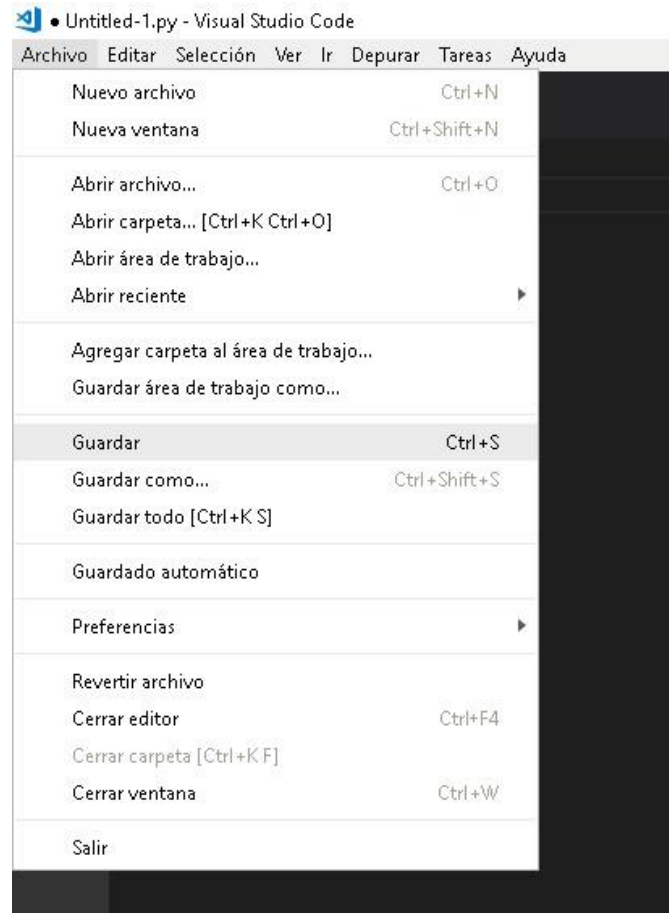
Buscamos magicpython e instalamos
Una vez recargado ya está todo listo



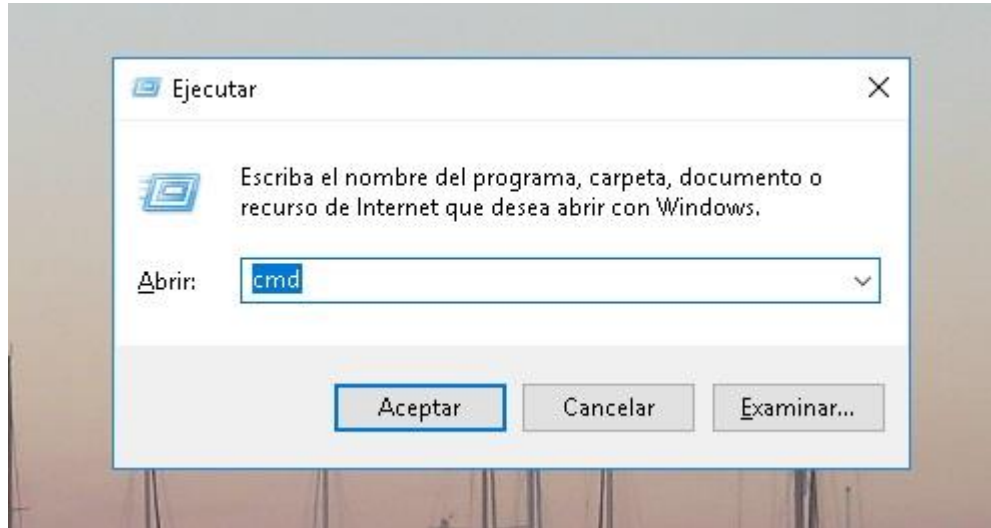
Una vez tengamos nuestro programa



Lo guardamos

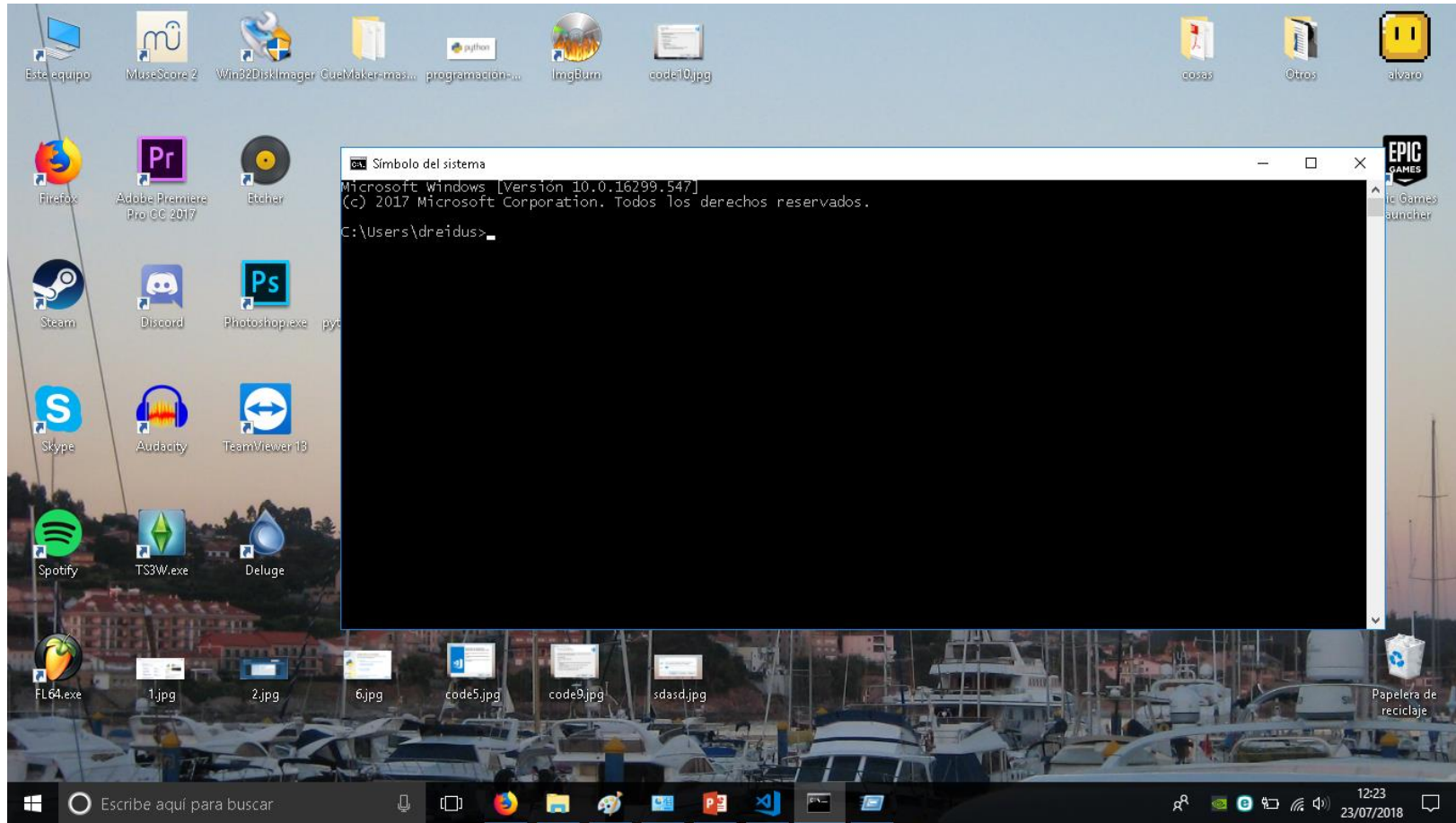


Abrimos la terminal con la combinación win+r



Escribimos cmd y damos aceptar

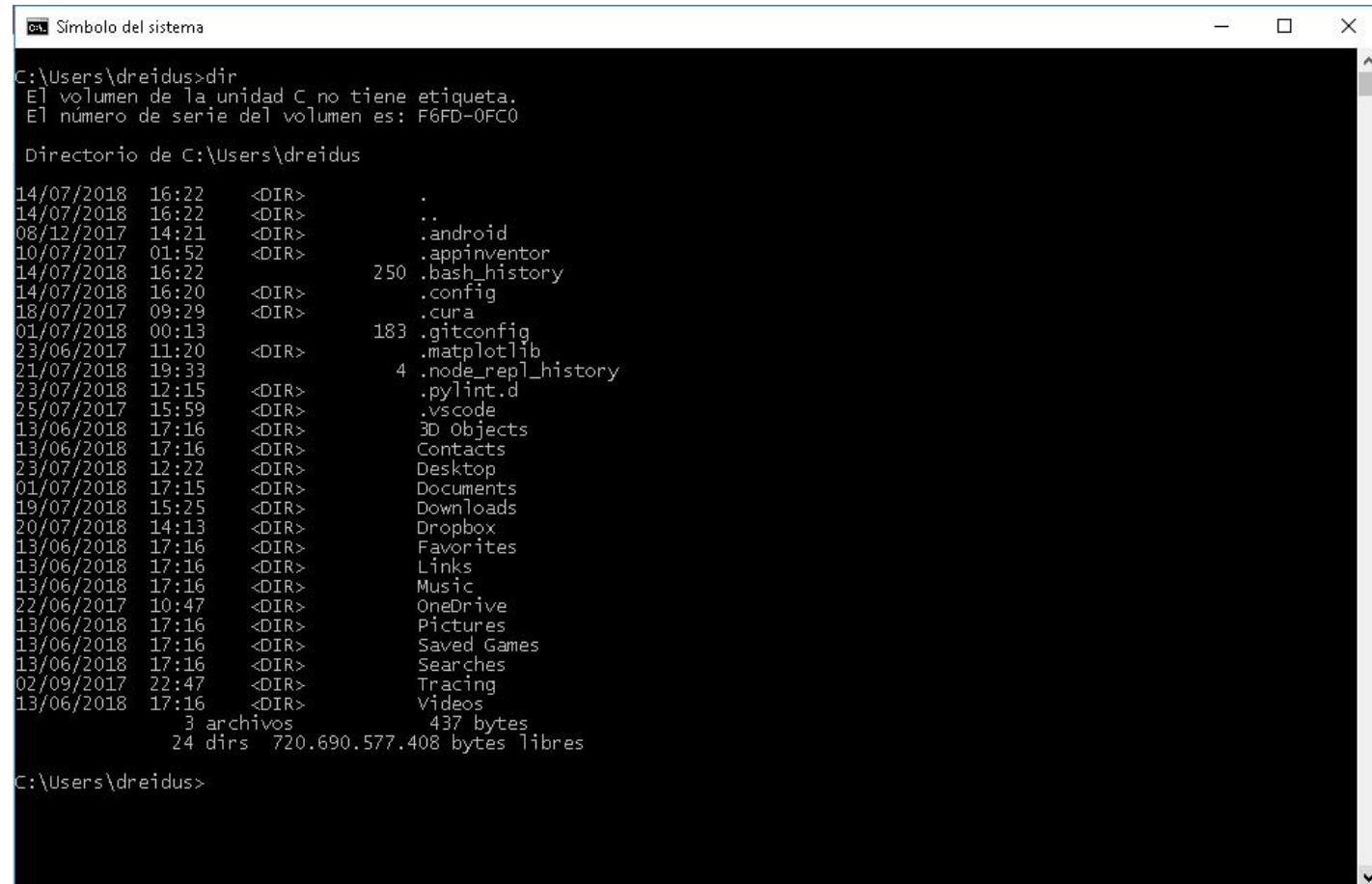
Debemos conocer la ruta donde se encuentra nuestro archivo



Comandos básicos

- Con el comando `dir` mostramos los archivos de un directorio
- Con el comando `cd` nos movemos a un directorio
- Con el comando `cd ..` nos movemos al directorio anterior

dir



```
Simbolo del sistema
C:\Users\dreidus>dir
El volumen de la unidad C no tiene etiqueta.
El número de serie del volumen es: F6FD-0FC0

Directorio de C:\Users\dreidus

14/07/2018  16:22    <DIR>          .
14/07/2018  16:22    <DIR>          ..
08/12/2017  14:21    <DIR>          .android
10/07/2017  01:52    <DIR>          .appinventor
14/07/2018  16:22           250 .bash_history
14/07/2018  16:20    <DIR>          .config
18/07/2017  09:29    <DIR>          .cura
01/07/2018  00:13           183 .gitconfig
23/06/2017  11:20    <DIR>          .matplotlib
21/07/2018  19:33            4 .node_repl_history
23/07/2018  12:15    <DIR>          .pylint.d
25/07/2017  15:59    <DIR>          .vscode
13/06/2018  17:16    <DIR>          3D Objects
13/06/2018  17:16    <DIR>          Contacts
23/07/2018  12:22    <DIR>          Desktop
01/07/2018  17:15    <DIR>          Documents
19/07/2018  15:25    <DIR>          Downloads
20/07/2018  14:13    <DIR>          Dropbox
13/06/2018  17:16    <DIR>          Favorites
13/06/2018  17:16    <DIR>          Links
13/06/2018  17:16    <DIR>          Music
22/06/2017  10:47    <DIR>          OneDrive
13/06/2018  17:16    <DIR>          Pictures
13/06/2018  17:16    <DIR>          Saved Games
13/06/2018  17:16    <DIR>          Searches
02/09/2017  22:47    <DIR>          Tracing
13/06/2018  17:16    <DIR>          Videos
               3 archivos          437 bytes
              24 dirs 720.690.577.408 bytes libres

C:\Users\dreidus>
```

Quiero ir al escritorio,por lo tanto escribo
cd Desktop

```
C:\Users\dreidus>cd Desktop  
C:\Users\dreidus\Desktop>
```

Ya estoy en el escritorio ahora quiero ver que hay

```
Simbolo del sistema
C:\Users\dreidus\Desktop>dir
El volumen de la unidad C no tiene etiqueta.
El número de serie del volumen es: F6FD-0FC0

Directorio de C:\Users\dreidus\Desktop

23/07/2018  12:29    <DIR>          .
23/07/2018  12:29    <DIR>          ..
23/07/2018  11:32             169.073  1.jpg
23/07/2018  11:34             147.392  2.jpg
23/07/2018  11:34             145.375  3.jpg
23/07/2018  11:35              80.758  4.jpg
23/07/2018  11:40              75.139  5.jpg
23/07/2018  11:41              75.839  6.jpg
08/04/2018  19:59              1.151 Adobe Premiere Pro CC 2017.lnk
23/07/2018  12:15    <DIR>          alvaro
23/07/2018  11:51             213.544 code1.jpg
23/07/2018  12:05              69.114 code10.jpg
23/07/2018  11:52             160.226 code2.jpg
23/07/2018  12:13             129.347 code23.jpg
23/07/2018  11:54             169.574 code3.jpg
23/07/2018  12:14              89.181 code33.jpg
23/07/2018  11:56              72.368 code4.jpg
23/07/2018  11:57              56.079 code5.jpg
23/07/2018  11:58              83.748 code6.jpg
23/07/2018  11:59              50.898 code7.jpg
23/07/2018  12:02              56.325 code8.jpg
23/07/2018  12:04              68.545 code9.jpg
15/06/2018  04:42    <DIR>          cosas
03/04/2017  19:13    <DIR>          CueMaker-master
03/05/2018  23:56              2.292 Discord.lnk
02/03/2018  18:29              2.650 Epic Games Launcher.lnk
27/03/2018  19:33              436 Este equipo.lnk
05/07/2018  12:35              2.394 Etcher.lnk
11/03/2018  19:26              1.716 FL64.exe.lnk
23/07/2018  12:20              75.462 fsdf.jpg
11/07/2018  22:27              1.938 ImgBurn.lnk
23/07/2018  12:03             1.600.196 Instalación Python.odp
14/01/2018  04:04              1.126 MuseScore 2.lnk
26/06/2018  20:11    <DIR>          Otros
26/06/2018  20:24              1.761 Photoshop.exe.lnk
23/07/2018  11:42              8.701 programación-con-Python.png
23/07/2018  11:35             25.506.832 python-3.7.0.exe
23/07/2018  12:21              51.809 sdas.jpg
23/07/2018  12:22              32.230 sdasd.jpg
23/06/2017  22:26              1.860 Spotify.lnk
23/07/2018  12:27             126.018 ssdaasd.jpg
23/07/2018  12:29              6.807 ssxdadaasd.jpg
25/12/2017  16:53              1.916 TS3w.exe.lnk
```

Mi archivo esta en la carpeta alvaro

cd alvaro

CA. Símbolo del sistema

```
C:\Users\dreidus\Desktop>cd alvaro
```

```
C:\Users\dreidus\Desktop\alvaro>_
```

Ya hemos llegado al lugar donde se encuentra mi archivo ejemplo.py

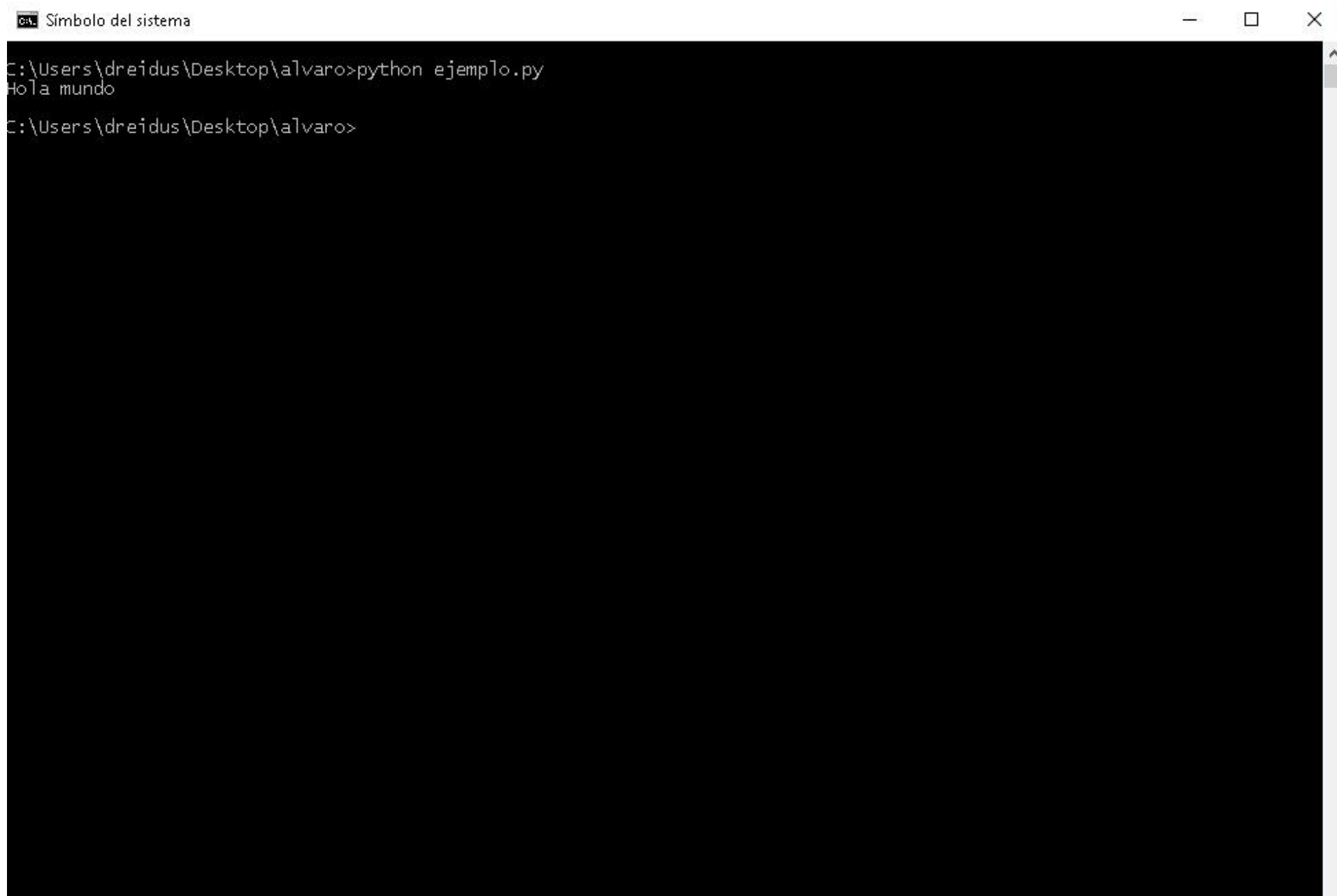
- Ahora lo ejecutamos con el comando `Python ejemplo.py`



A screenshot of a Windows Command Prompt window. The title bar at the top is white and contains the text 'Símbolo del sistema' on the left and standard window control buttons (minimize, maximize, close) on the right. The main area of the window is black. The command prompt shows the current directory as 'C:\Users\dreidus\Desktop\alvaro' followed by a prompt character '>'. The command 'python ejemplo.py' has been entered and executed, as indicated by the cursor position at the end of the command line. A vertical scrollbar is visible on the right side of the window.

```
C:\Users\dreidus\Desktop\alvaro>python ejemplo.py_
```


Voila



A screenshot of a Windows command prompt window. The title bar at the top reads "Símbolo del sistema" and includes standard window controls (minimize, maximize, close). The command prompt shows the following text:

```
C:\Users\dreidus\Desktop\alvaro>python ejemplo.py  
Hola mundo  
C:\Users\dreidus\Desktop\alvaro>
```