

What VSCode is

<https://code.visualstudio.com/>

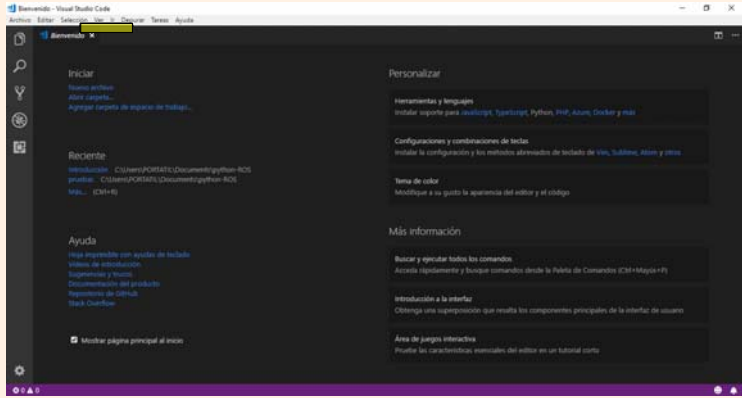
- Code editor
 - Free.
 - Open source.
 - Runs everywhere
 - Multilanguage
 - (JavaScript, C#, C++, PHP, Java, HTML, R, CSS, SQL, Markdown, TypeScript, Less, Sass, JSON, XML and Python...)
- Flexible environment configurable by extensions

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Open folder/file

- Just start immediately by opening a file or folder in VSCode
- Recommendation open a folder ([Ctrl]+ K], [Ctrl+O])

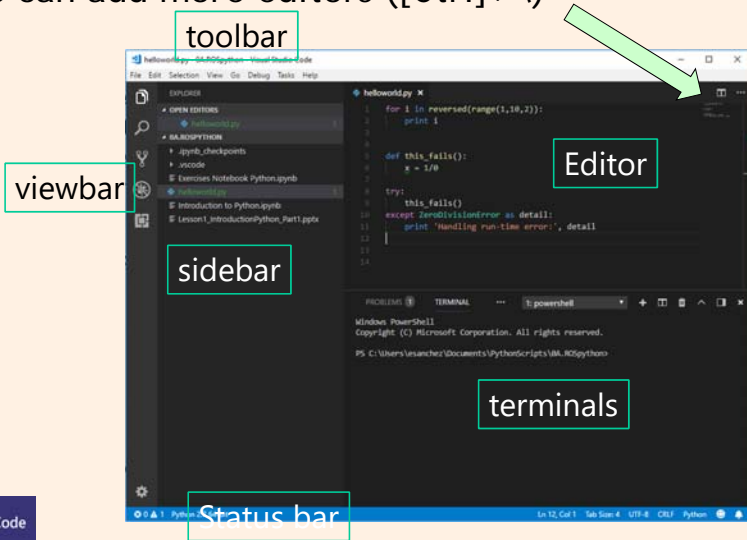


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VSCode layout

- We can add more editors ([Ctrl]+ \)



toolbar

viewbar

sidebar

Editor

terminals

Status bar

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VSCode viewbar

explorer

search

Source control

debug

extensions

Ctrl+Shift+e

Ctrl+Shift+f; Ctrl+Shift+j

Ctrl+Shift+d

Ctrl+Shift+x

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Palette [Ctrl+shift+p]

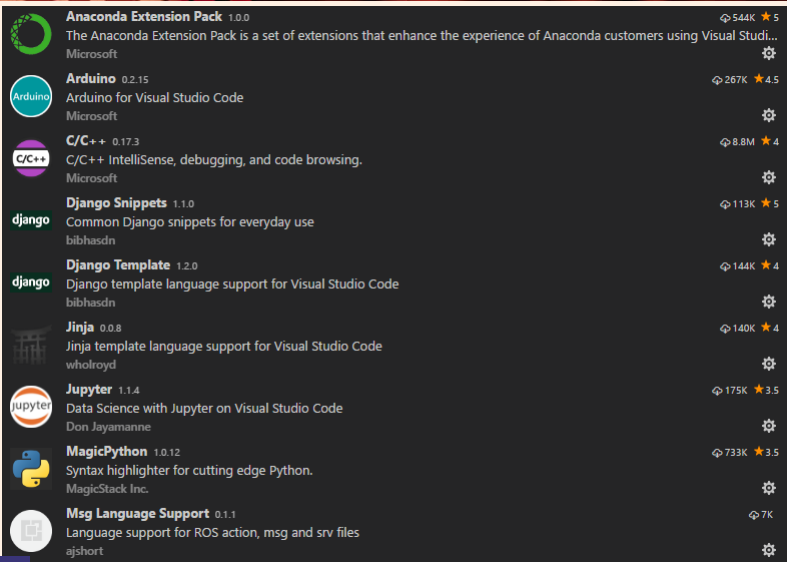
From here you have access to all of the functionality of VS Code, including keyboard shortcuts for the most common operations

Type ? into the input field to get a list of available commands

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Interesting extensions

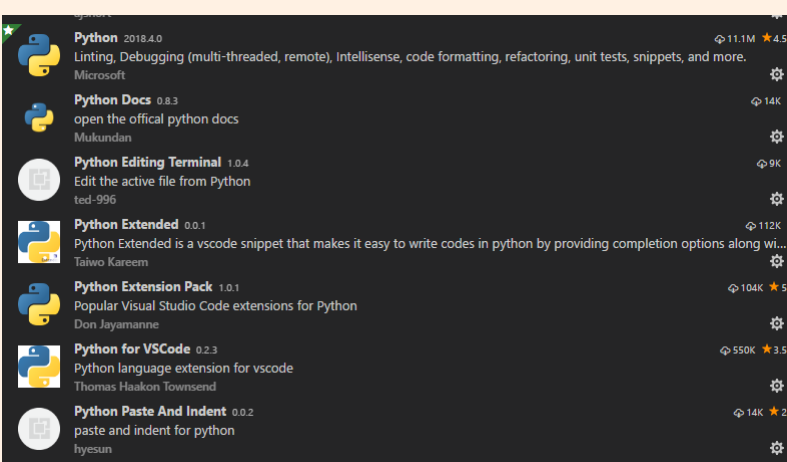


Extension Name	Version	Author	Downloads	Rating
Anaconda Extension Pack	1.0.0	Microsoft	544K	5
Arduino	0.2.15	Microsoft	267K	4.5
C/C++	0.17.3	Microsoft	8.8M	4
Django Snippets	1.1.0	bibhasdn	113K	5
Django Template	1.2.0	bibhasdn	144K	4
Jinja	0.0.8	wholroyd	140K	4
Jupyter	1.1.4	Don Jayamanne	175K	3.5
MagicPython	1.0.12	MagicStack Inc.	733K	3.5
Msg Language Support	0.1.1	ajshort	7K	

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Interesting extensions

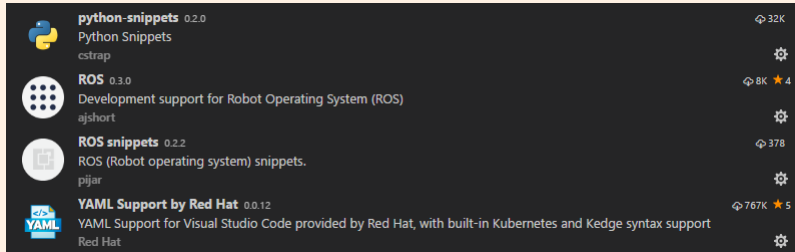


Extension Name	Version	Author	Downloads	Rating
Python	2018.4.0	Microsoft	11.1M	4.5
Python Docs	0.8.3	Mukundan	14K	
Python Editing Terminal	1.0.4	ted-996	9K	
Python Extended	0.0.1	Taiwo Kareem	112K	
Python Extension Pack	1.0.1	Don Jayamanne	104K	5
Python for VSCode	0.2.3	Thomas Haakon Townsend	550K	3.5
Python Paste And Indent	0.0.2	hyesun	14K	2

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Interesting extensions



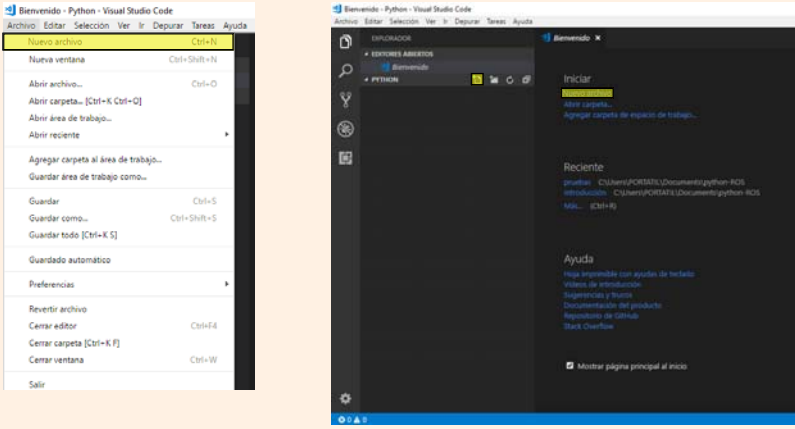
The screenshot shows the Visual Studio Code extensions marketplace. The following extensions are listed:

- python-snippets** 0.2.0: Python Snippets by cstrap. 32K downloads.
- ROS** 0.3.0: Development support for Robot Operating System (ROS) by ajshort. 8K downloads, 4 stars.
- ROS snippets** 0.2.2: ROS (Robot operating system) snippets. by pijar. 378 downloads.
- YAML Support by Red Hat** 0.0.12: YAML Support for Visual Studio Code provided by Red Hat, with built-in Kubernetes and Kedge syntax support. 767K downloads, 5 stars.

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New file [Ctrl + N]



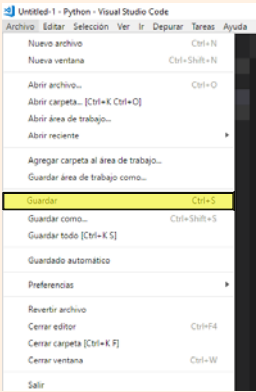
The left screenshot shows the Visual Studio Code File menu. The 'Nuevo archivo' (New file) option is highlighted, which corresponds to the keyboard shortcut Ctrl+N. Other options include 'Nueva ventana', 'Abrir archivo...', 'Abrir carpeta...', 'Abrir área de trabajo...', 'Abrir reciente', 'Agregar carpeta al área de trabajo...', 'Guardar', 'Guardar como...', 'Guardar todo', 'Guardado automático', 'Preferencias', 'Revertir archivo', 'Cerrar editor', 'Cerrar carpeta', 'Cerrar ventana', and 'Salir'.

The right screenshot shows the Visual Studio Code Explorer view. A new file named 'Bienvenido' has been created in the 'ESTORES ABERTOS' (Open Editors) section. The file is currently empty, showing the 'Inicio' (Start) screen with options to 'Abrir carpeta...' (Open folder...) and 'Agregar carpeta del espacio de trabajo...' (Add workspace folder...). The 'Reciente' (Recent) section shows a list of recently opened files, including 'python' and 'Bienvenido'. The 'Ayuda' (Help) section provides links to 'Más información con ayuda de teclado' (More information with keyboard help), 'Visión de introducción' (Introduction), 'Sugerencias y trucos' (Suggestions and tricks), 'Documentación del producto' (Product documentation), 'Repositorio de GitHub' (GitHub repository), and 'Back Overview'.

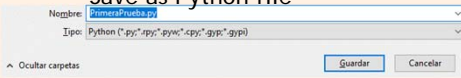
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Save file [Ctrl + S]



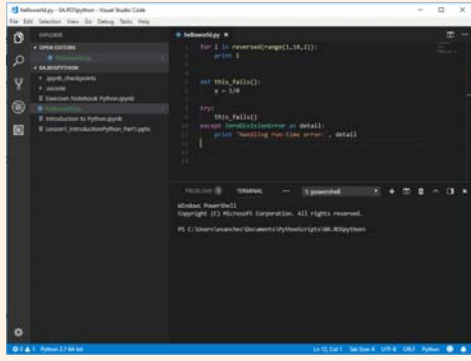
Save as Python file

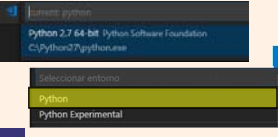


Auto Save:
Ctrl+Shift+P → auto

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Python environment selection





Select Python Environment

Don't forget to select your Python environment

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Debug [Ctrl + Mayús + D]

To add a *Breakpoint* push on the red circle that appears when the mouse is on the line number


```

PrimeraPrueba.py x
1  tax = 12.5 / 100
2  price = 100.50
3  sol1=price * tax
4  sol2=price + sol1
5  print (round(sol2, 2))
  
```


Push the play symbol




Continue (F5)




step over (F10)




Step into (F11)




Step out (shift+ F11)



Restart (Ctrl+Shift+F5)



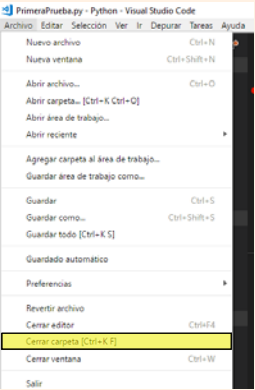
Stop (Shift+F5)



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Close folder [Ctrl + K , F]



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