

Instalação VS Code

Com Python



JESUITAS BRASIL

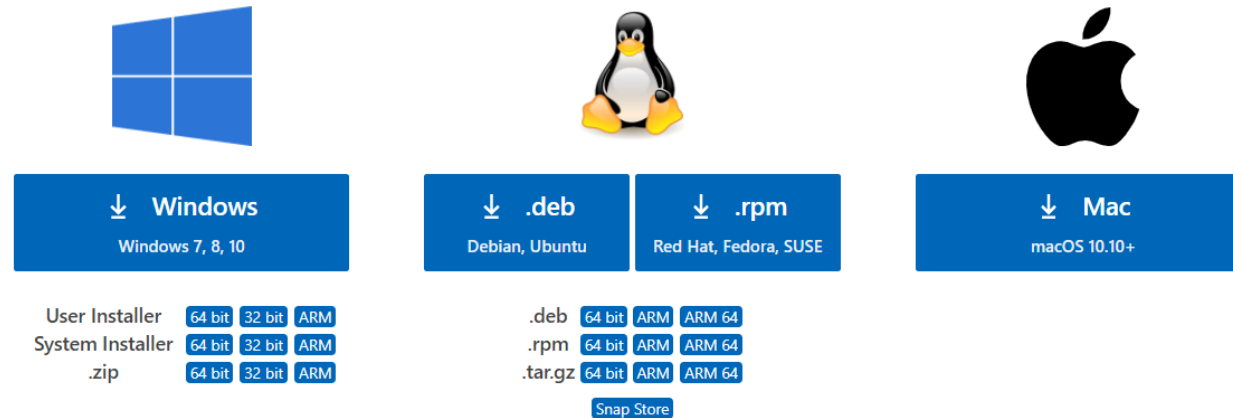


Download e Instalação

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

Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.

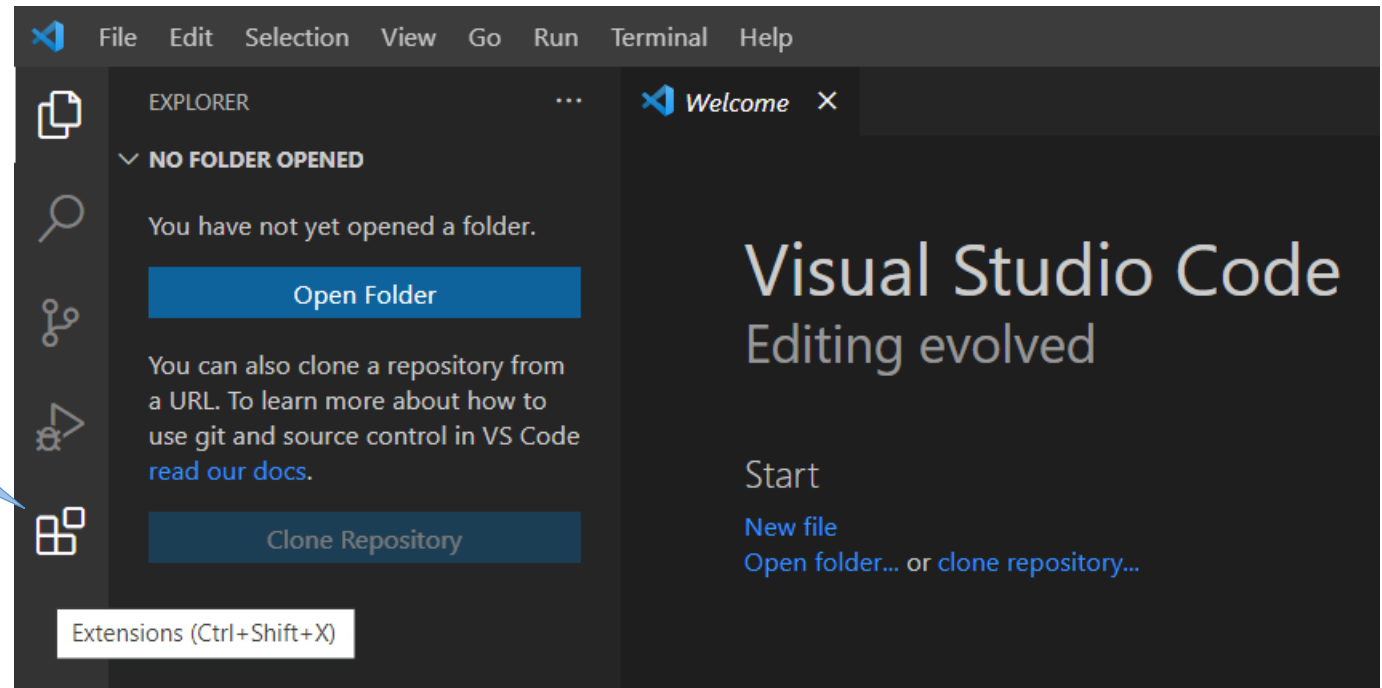


The image shows the download page for Visual Studio Code, organized into three main sections for different operating systems: Windows, Linux, and Mac. Each section features a platform icon (Windows logo, Tux penguin, and Apple logo respectively) above a blue button with a download arrow. Below these buttons are links to various installer formats and architectures.

Platform	Download Link	Supported OS	Available Formats
Windows	↓ Windows	Windows 7, 8, 10	User Installer (64 bit, 32 bit, ARM), System Installer (64 bit, 32 bit, ARM), .zip (64 bit, 32 bit, ARM)
	↓ .deb	Debian, Ubuntu	.deb (64 bit, ARM), .rpm (64 bit, ARM), .tar.gz (64 bit, ARM)
	↓ .rpm	Red Hat, Fedora, SUSE	
			Snap Store
Mac	↓ Mac	macOS 10.10+	

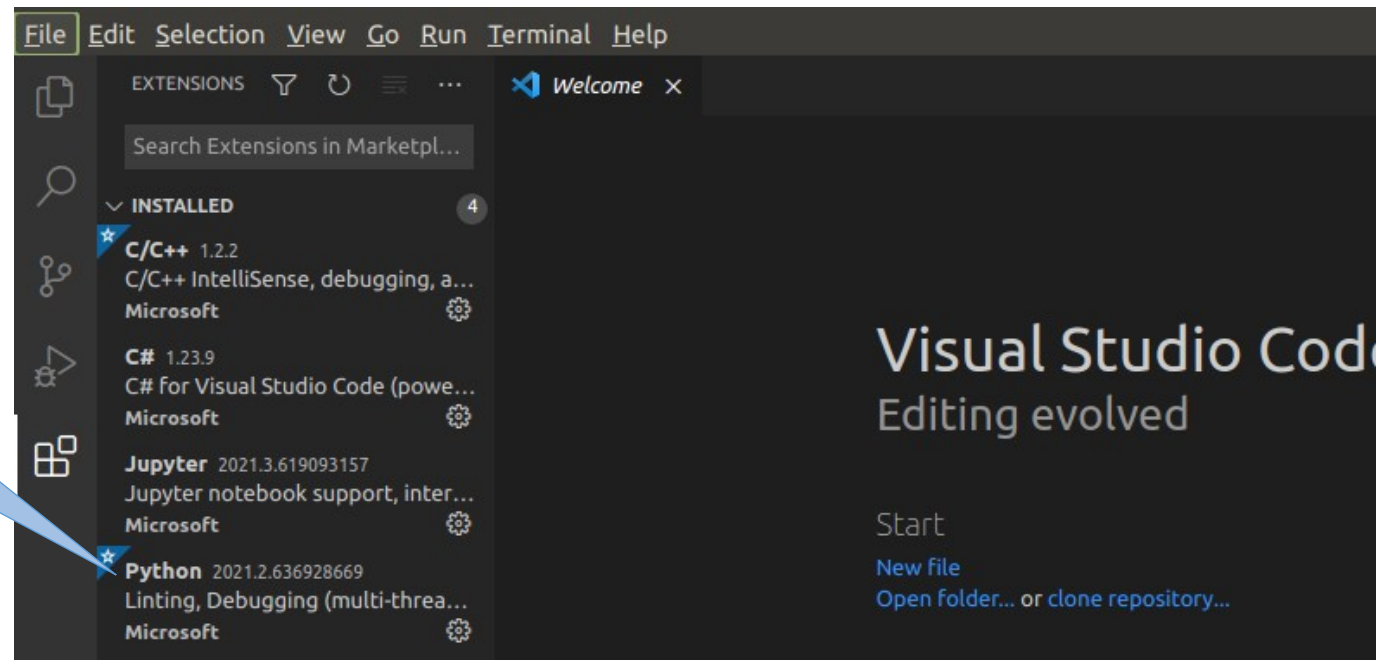
Extensão

Clique no ícone
“Extensions”
Ctrl + Shift + X



Python

Localize e instale
"Python Microsoft"



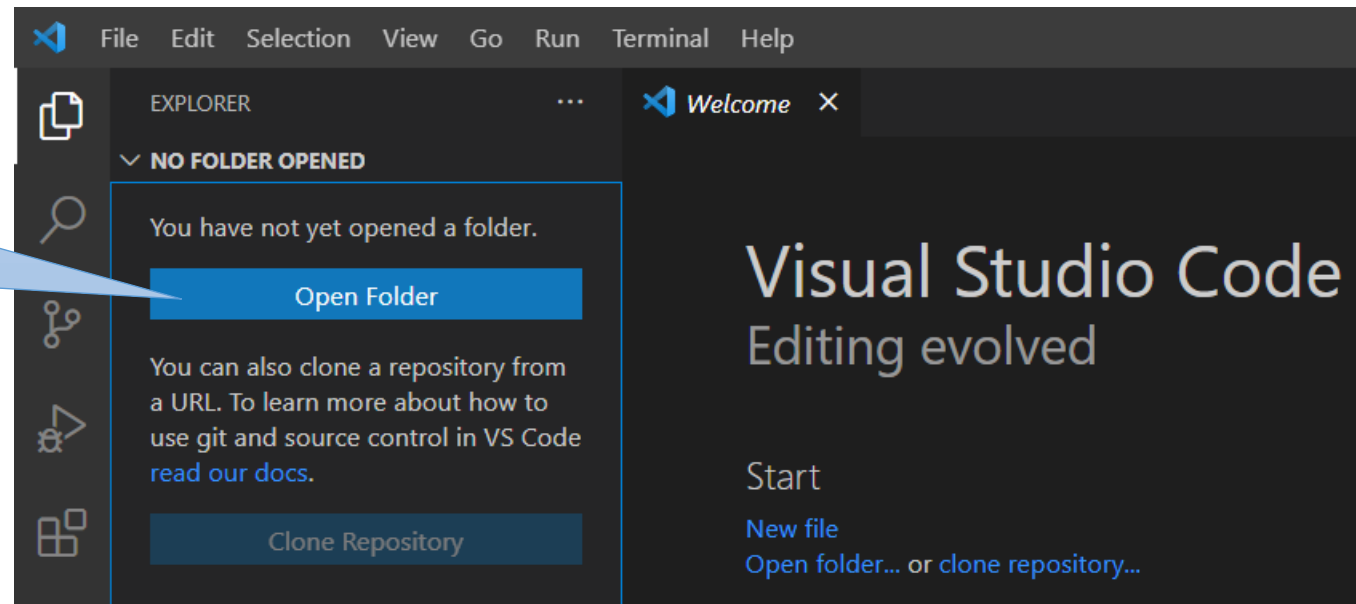
Python no Windows

- Versão atual 3.9.2:
 - <https://www.python.org/downloads/windows/>
- Seção “Files” item “Windows installer (64-bit)”
 - <https://www.python.org/ftp/python/3.9.2/python-3.9.2-amd64.exe>

Primeiro Programa

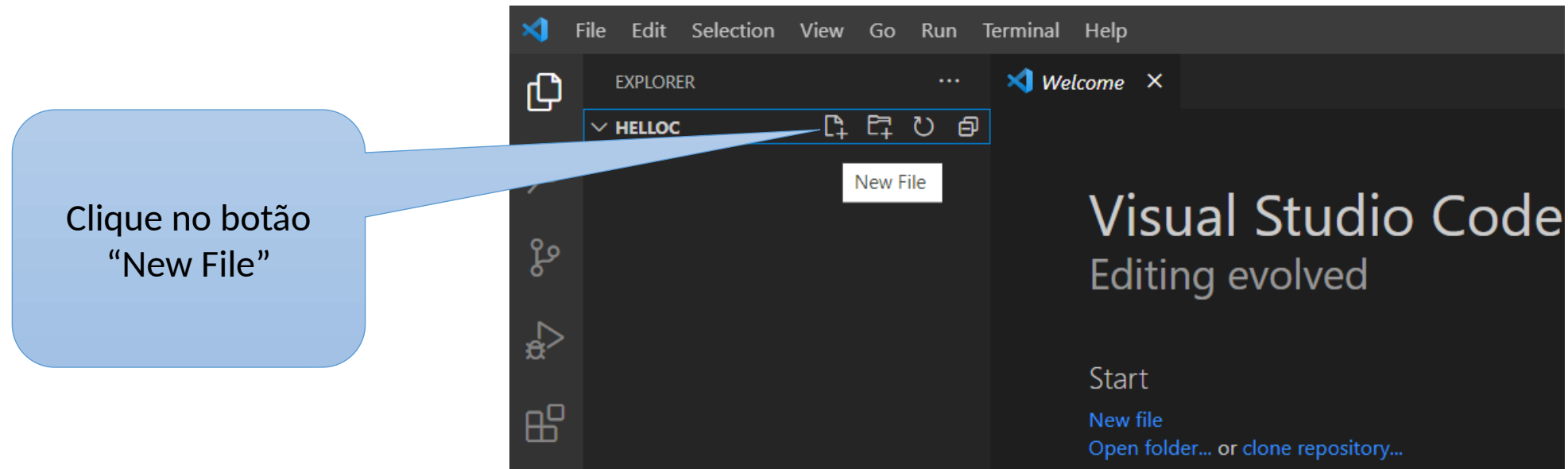
- Crie uma pasta no seu computador e abra no VS Code

Abra o VS Code e
selecione Open
Folder



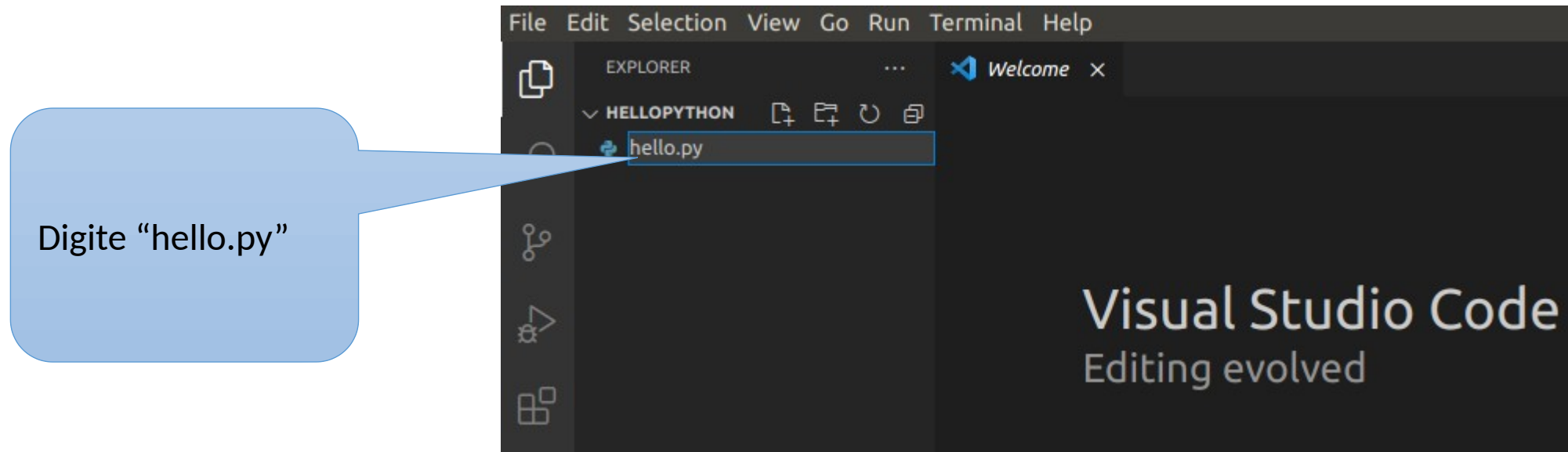
Adicionar arquivo

- Clique no botão “New File”, ou menu “File / New File” ou simplesmente pressione “Ctrl + N”



Nomear o arquivo

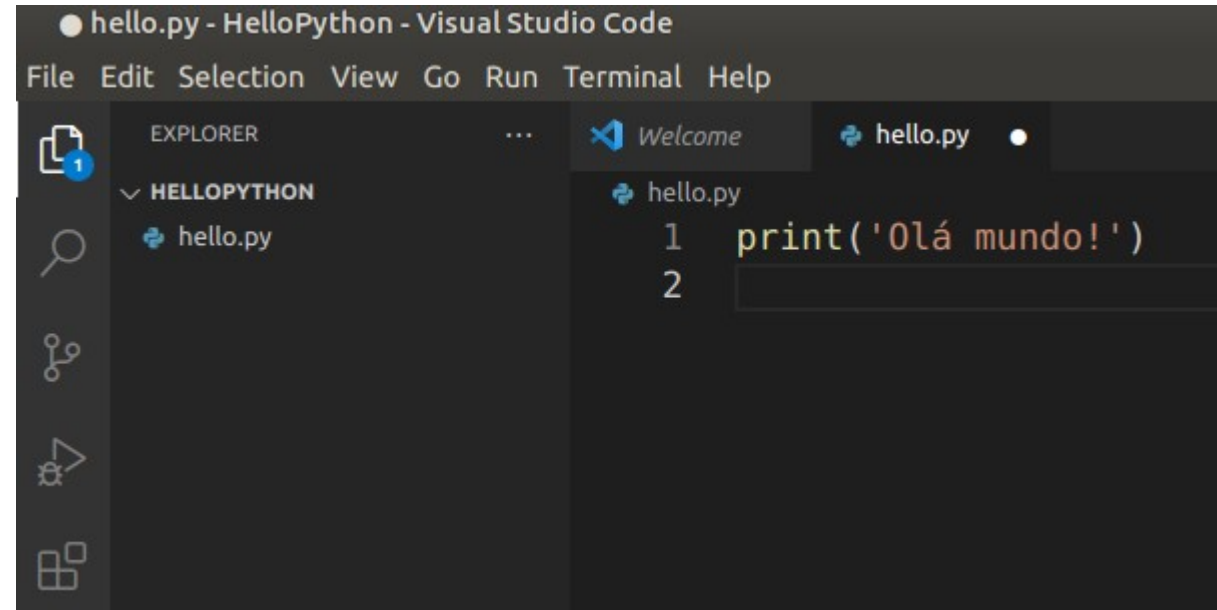
- Digite “hello.py”



Código fonte

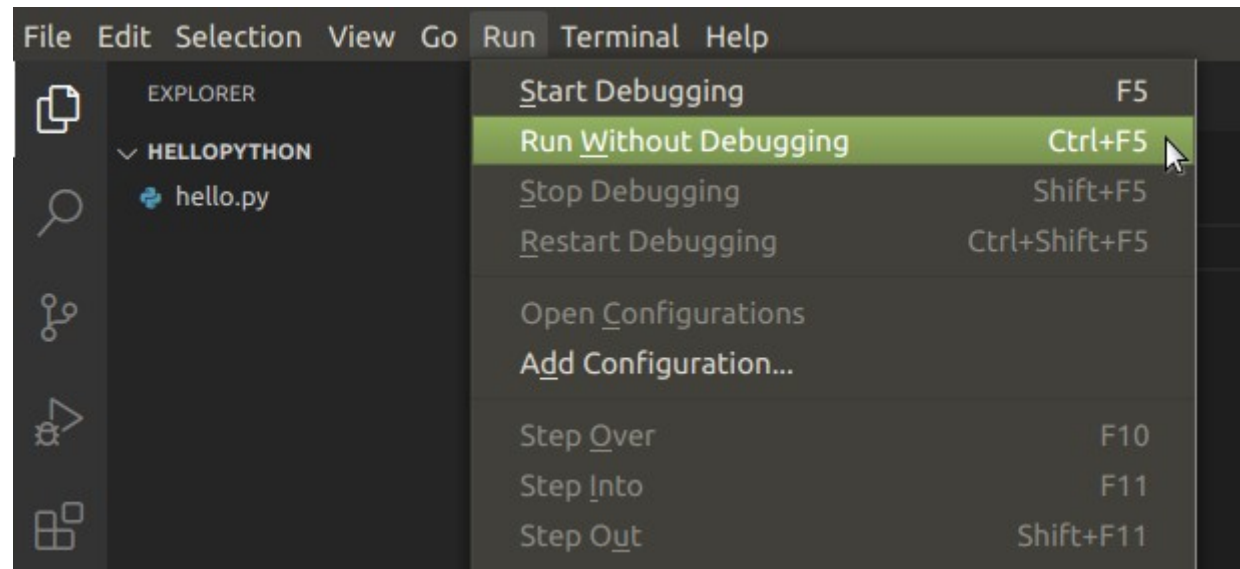
- Digite o código fonte

```
print('Olá mundo!')
```



Executando

- Vá no menu “Run / Run Without Debugging”, ou pressione “Ctrl + F5”



Resultado

- Se tudo funcionou corretamente, na aba “Terminal” deve aparecer a mensagem “Ola mundo!”

The screenshot shows the Visual Studio Code editor interface. The Explorer sidebar on the left displays a project named "HELLOPYTHON" containing a file "hello.py". The main editor area has two tabs: "Welcome" and "hello.py". The "hello.py" tab is active, showing the following code:

```
1 print('Olá mundo!')
```

The bottom panel contains three views: "PROBLEMS", "OUTPUT", and "TERMINAL". The "TERMINAL" view is selected and highlighted with a red circle. It shows a shell prompt where the user has navigated to the directory "/home/marcio/.vscode/extensions/ms-python/debugpy/launcher 41357 -- /home/marcio/.vscode/bin/python3" and executed the command "python3 /home/marcio/.vscode/bin/python3 hello.py". The output of the program, "Olá mundo!", is displayed below the command. Another red circle highlights the output text.

```
marcio@vaio>HelloPython$ cd /home/marcio/.vscode/extensions/ms-python/debugpy/launcher 41357 -- /home/marcio/.vscode/bin/python3  
Olá mundo!  
marcio@vaio>HelloPython$
```

> OUTLINE

Teclas de Atalho

- Formatação:
 - **Windows:** Shift + Alt + F
 - **Mac:** Shift + Option + F
 - **Linux:** Ctrl + Shift + I
- Somente execução:
 - Ctrl + F5
- Debug:
 - F5
- Alternar breakpoint:
 - F9
- Alternar comentário:
 - Ctrl + /