

Verificando Python no PC e instalando



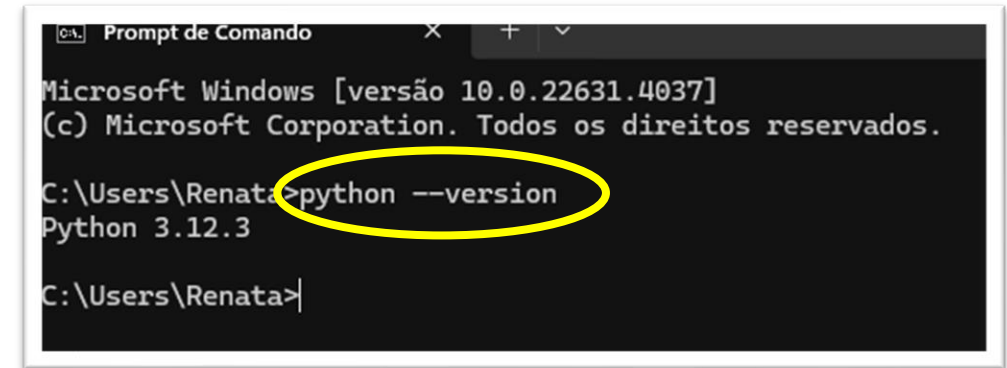
Verificando

1. No terminal (prompt)
2. Digita “python --version”
 - Irá aparecer se existe o python e a versão no pc.
3. Caso não tenha irá aparecer:

```
C:\Users\conta>python --version
'python' não é reconhecido como um comando interno
ou externo, um programa operável ou um arquivo em lotes.
```

4. Para abrir o Python do prompt: Digita apenas “python”

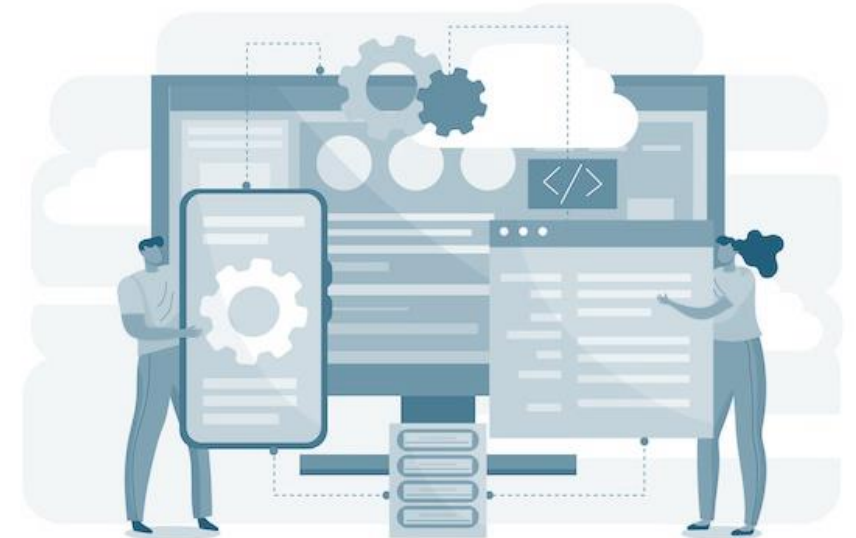
```
C:\Users\Renata>python
Python 3.12.3 (tags/v3.12.3:f6650f9, Apr 9 2024, 14:05:25)
[MSC v.1938 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more in
formation.
>>> print('Olá, Mundo!')
Olá, Mundo!
>>> 4*2
8
>>> |
```



```
Microsoft Windows [versão 10.0.22631.4037]
(c) Microsoft Corporation. Todos os direitos reservados.

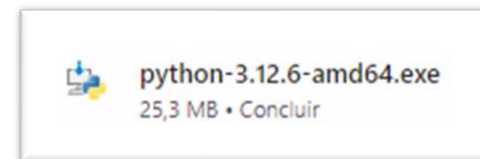
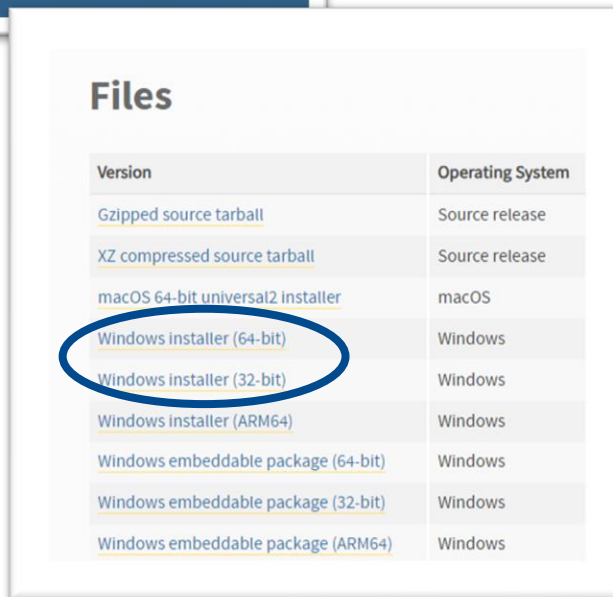
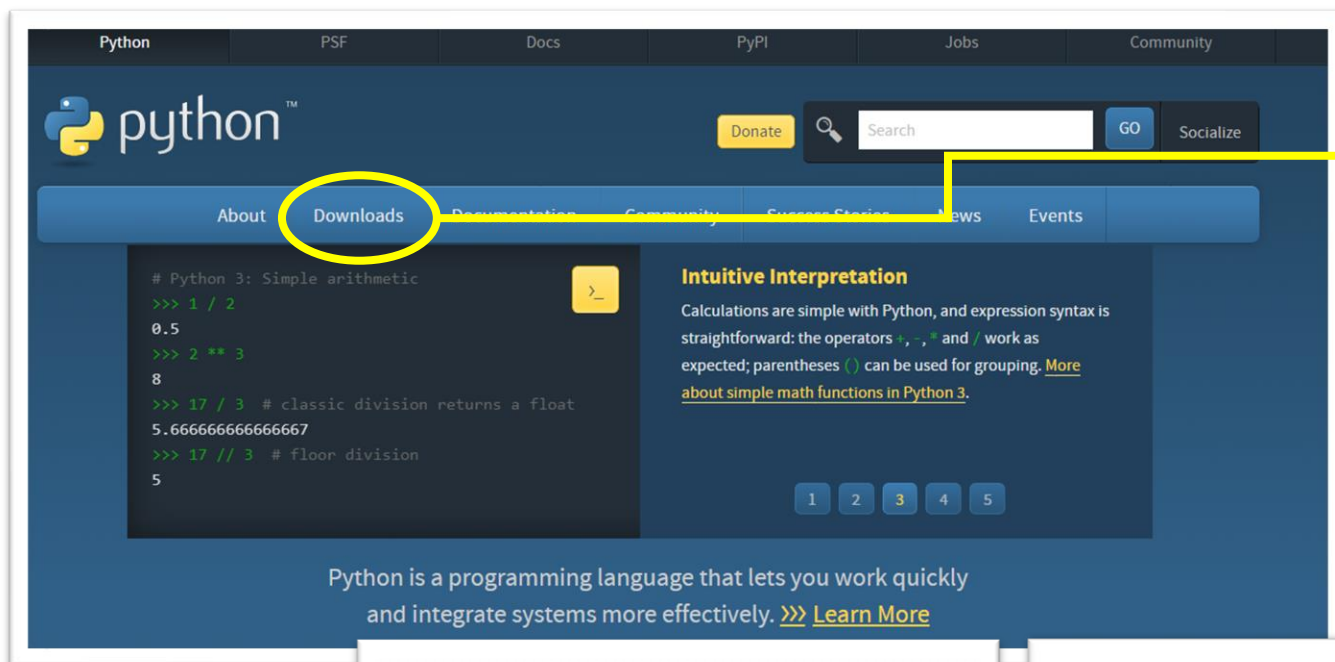
C:\Users\Renata>python --version
Python 3.12.3

C:\Users\Renata>
```

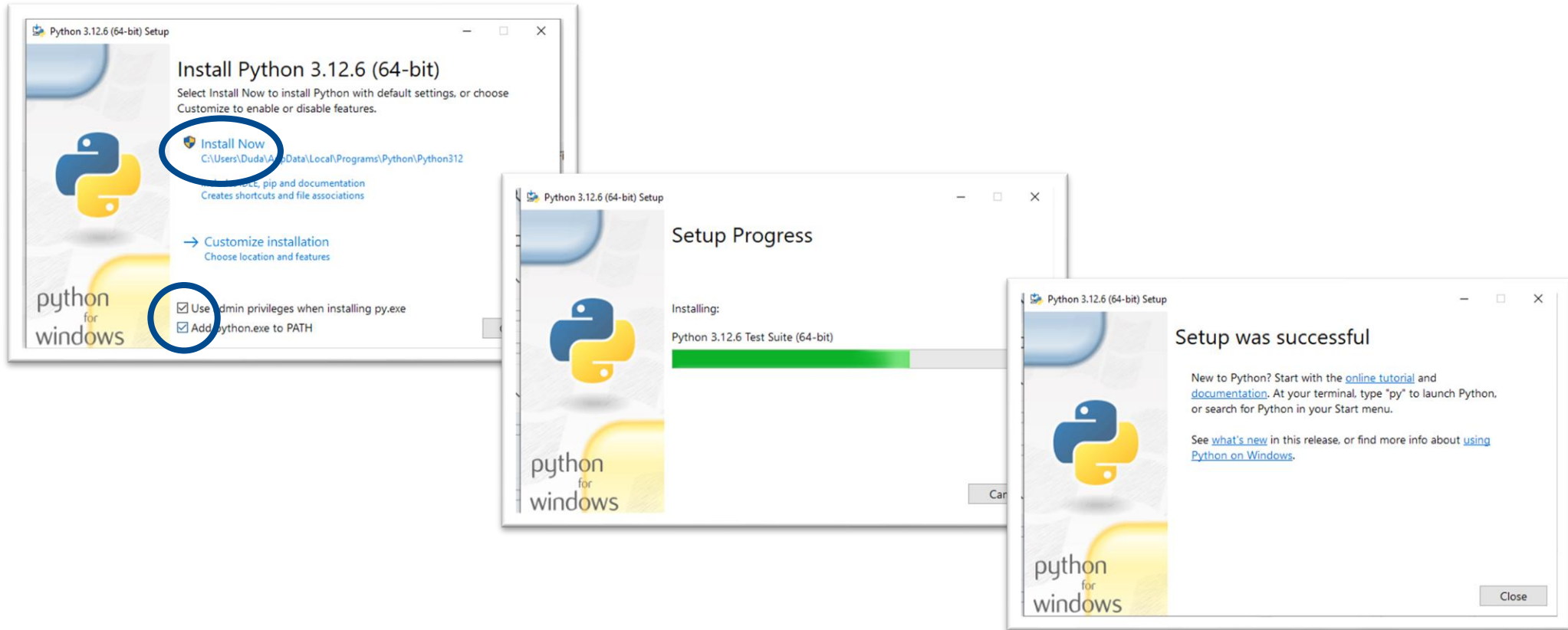


Instalação:

<https://python.org/>



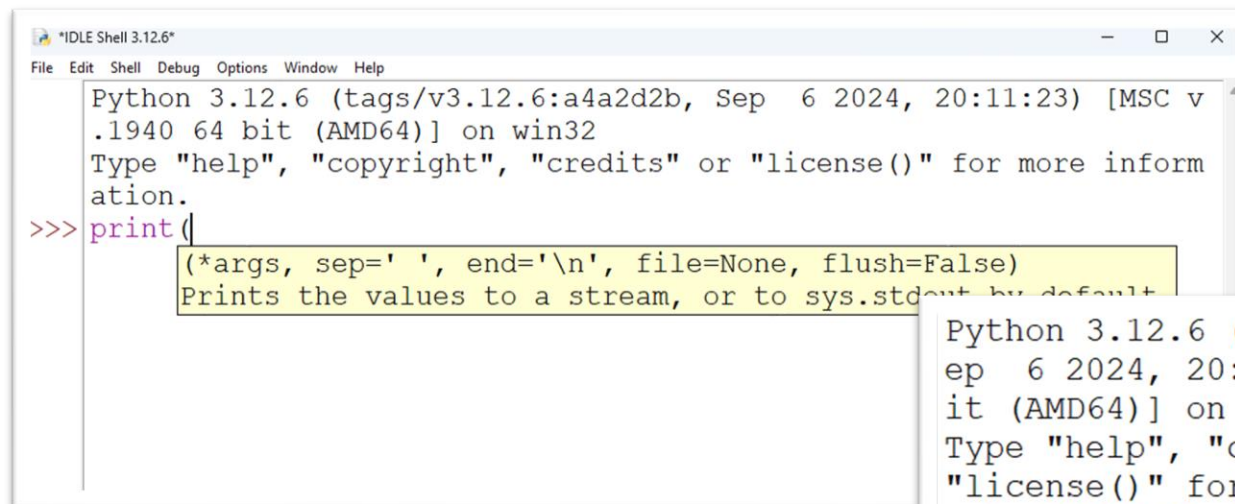
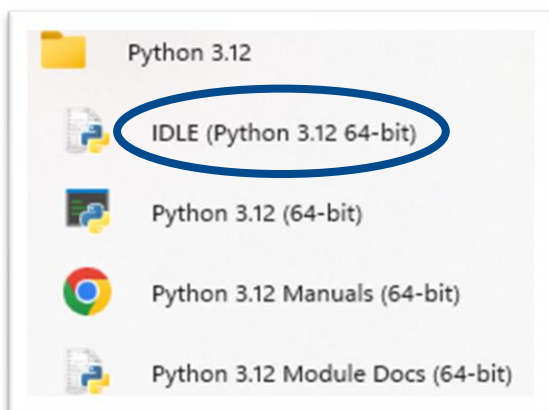
No computador:



```
C:\Users\Renata>python
Python 3.12.6 (tags/v3.12.6:a4a2d2b, Sep  6 2024, 20:11:23)
[MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more in
formation.
```

Integrated Development and Learning Environment (Ambiente Integrado de Desenvolvimento e Aprendizagem) é um ambiente de desenvolvimento integrado simples, que já vem incluído com a instalação do Python. Ele oferece uma interface gráfica onde você pode escrever, editar e executar código Python. Ele é especialmente útil para iniciantes porque inclui:

- **Editor de Código:** Escreva e edite seus scripts Python.
- **Shell Interativo:** Teste pequenos trechos de código em tempo real.
- **Ferramentas de Depuração:** Acompanhe a execução do código para identificar e corrigir erros.

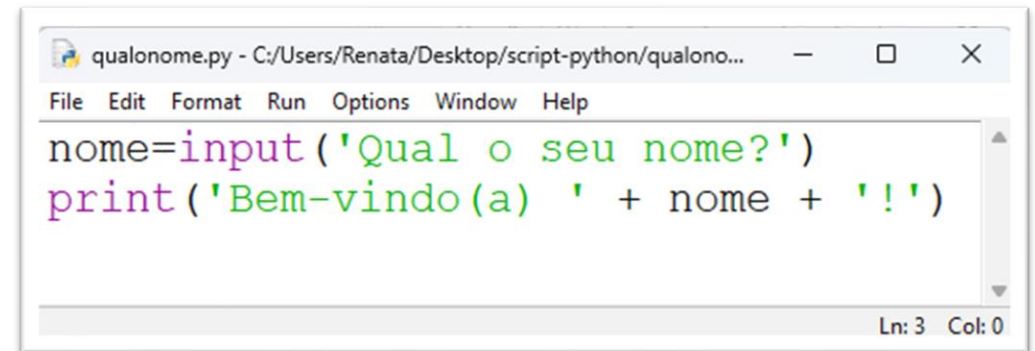


```
Python 3.12.6 (tags/v3.12.6:a4a2d2b, Sep 6 2024, 20:11:23) [MSC v.1940 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print('Olá Mundo!')
Olá Mundo!
>>>
```


Praticando no IDLE

```
> nome='Renata'
> idade=38
> cidade='Recife'
> print(nome , idade , cidade)
Renata 38 Recife
> print(nome,idade,cidade)
Renata 38 Recife
> print(nome+idade+cidade)
Traceback (most recent call last):
  File "<pyshell#20>", line 1, in
<module>
    print(nome+idade+cidade)
TypeError: can only concatenate str (not "int") to str
> print(nome+cidade)
RenataRecife
> print(nome + cidade)
RenataRecife
> print(nome+' '+cidade)
Renata Recife
```

O sinal de igual (=) após o nome de uma variável indica que estamos atribuindo um valor a ela.



```
qualonome.py - C:/Users/Renata/Desktop/script-python/qualono...
File Edit Format Run Options Window Help
nome=input('Qual o seu nome?')
print('Bem-vindo(a) ' + nome + '!')
```

```
===== RESTART: C:/Users/Renata/Desktop/script-python/qualonome.py =====
Qual o seu nome?Renata
Bem-vindo(a) Renata!
```

Instalando programas



Visual Studio Code



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



Visual Studio Code Docs Updates Blog API Extensions FAQ

Search Docs Download

Version 1.93 is now available! Read about the new features and fixes from August.

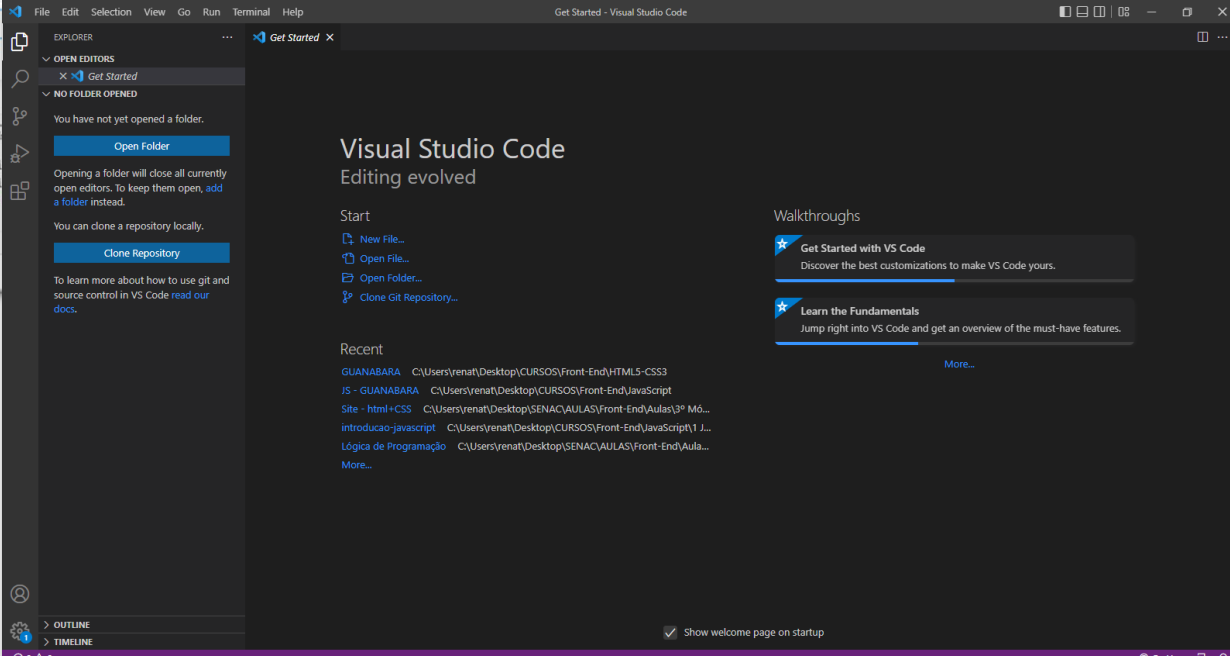
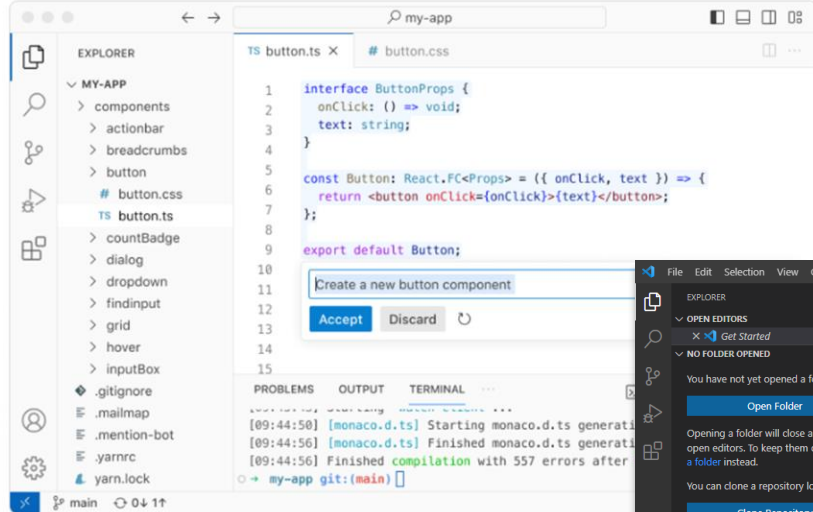
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Code Editing. Redefined.

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By using VS Code, you agree to its [license](#) and [privacy statement](#).



File Edit Selection View Go Run Terminal Help

Get Started - Visual Studio Code

EXPLORER

OPEN EDITORS

Get Started

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Opening a folder will close all currently open editors. To keep them open, add a folder instead.

You can clone a repository locally.

Clone Repository

To learn more about how to use git and source control in VS Code read our docs.

Visual Studio Code

Editing evolved

Start

- New File...
- Open File...
- Open Folder...
- Clone Git Repository...

Walkthroughs

- Get Started with VS Code**
Discover the best customizations to make VS Code yours.
- Learn the Fundamentals**
Jump right into VS Code and get an overview of the must-have features.

Recent

- GUANABARA C:\Users\venat\Desktop\CURSOS\Front-End\HTML5-CSS3
- JS - GUANABARA C:\Users\venat\Desktop\CURSOS\Front-End\JavaScript
- Site - html+CSS C:\Users\venat\Desktop\SENAC\AULAS\Front-End\Aulas3ª M6...
- introducao-javascript C:\Users\venat\Desktop\CURSOS\Front-End\JavaScript\1 J...
- Lógica de Programação C:\Users\venat\Desktop\SENAC\AULAS\Front-End\Aula...

More...

OUTLINE

TIMELINE

Show welcome page on startup

Go Live

PyCharm

Buscamos no google e
acessamos o site:
“JetBrains”



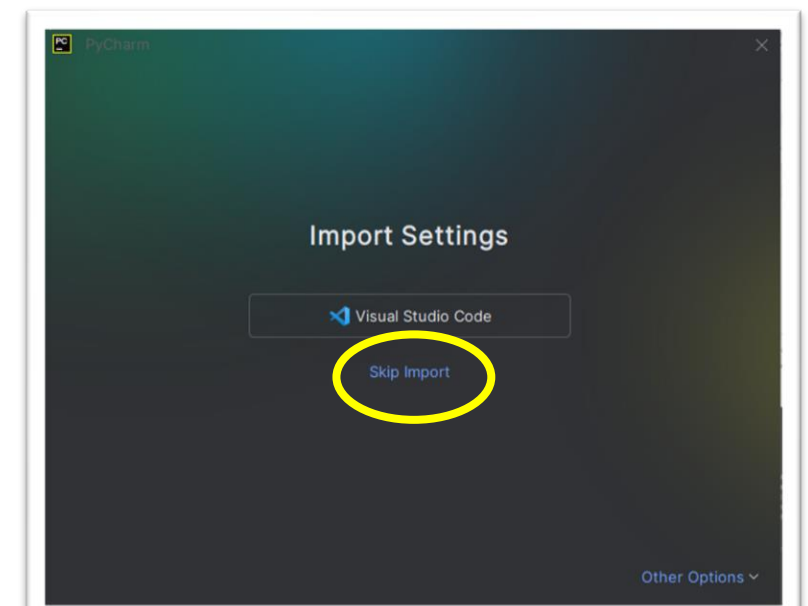
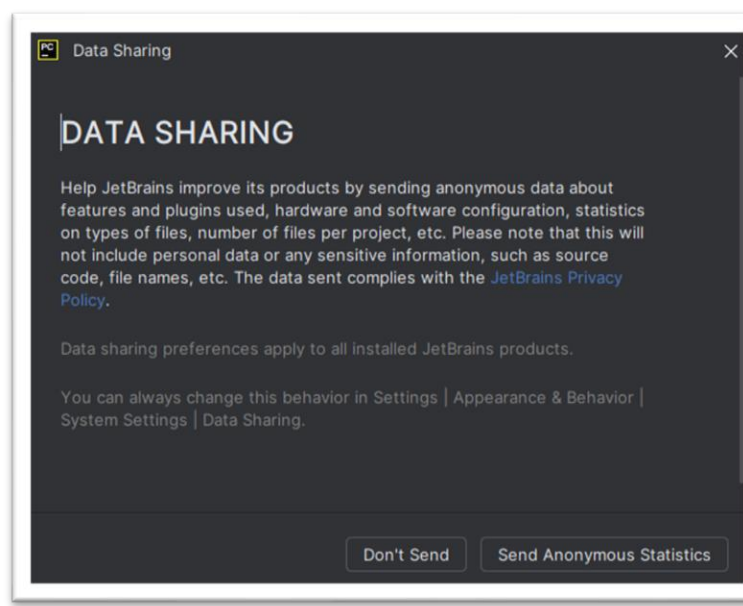
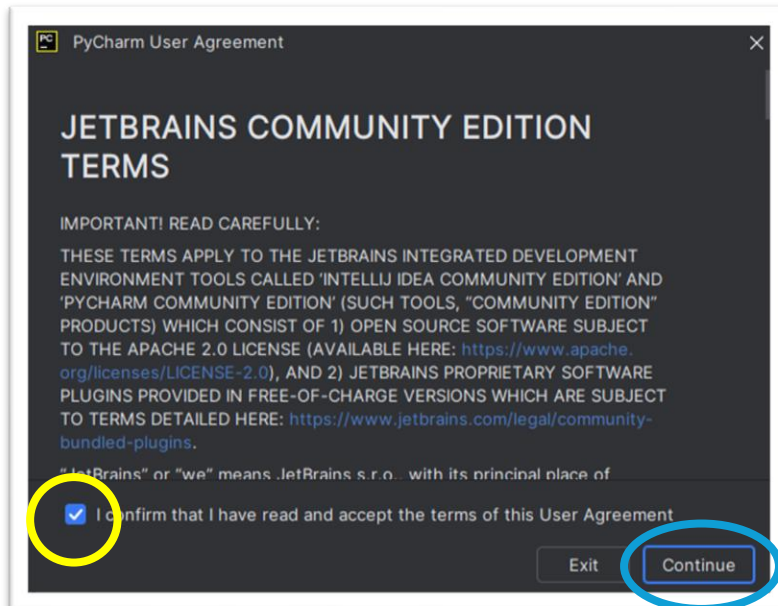
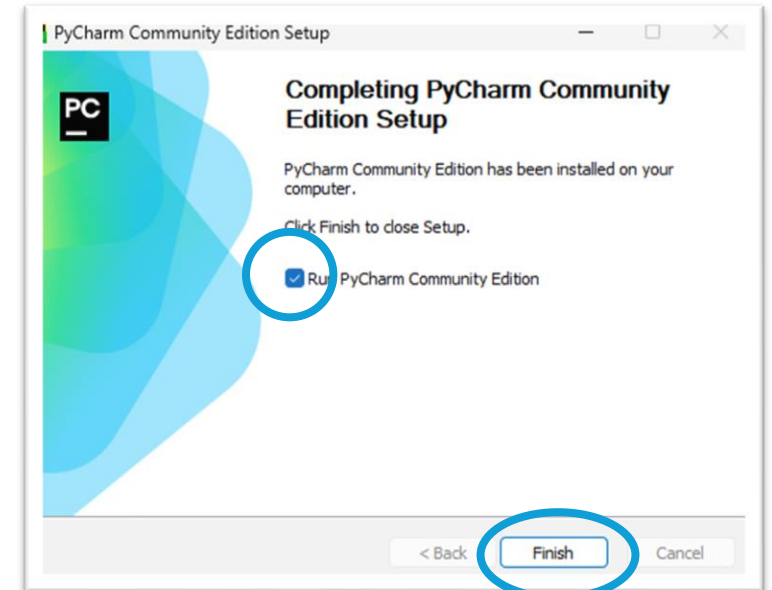
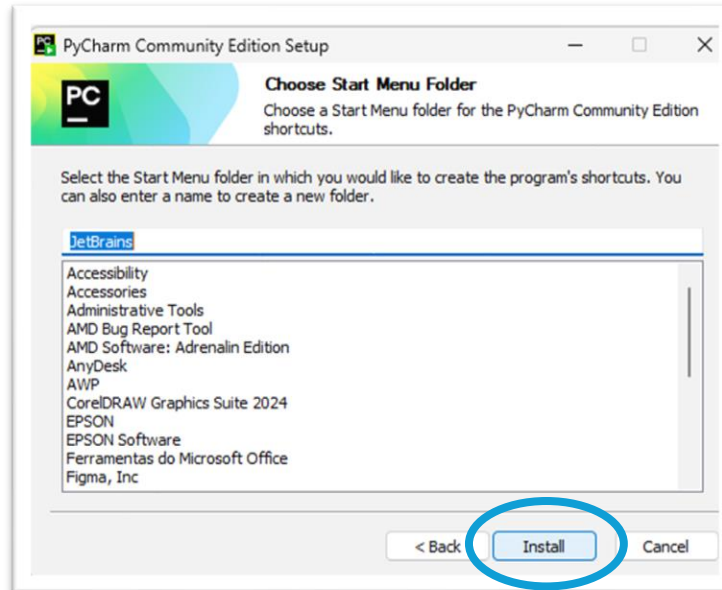
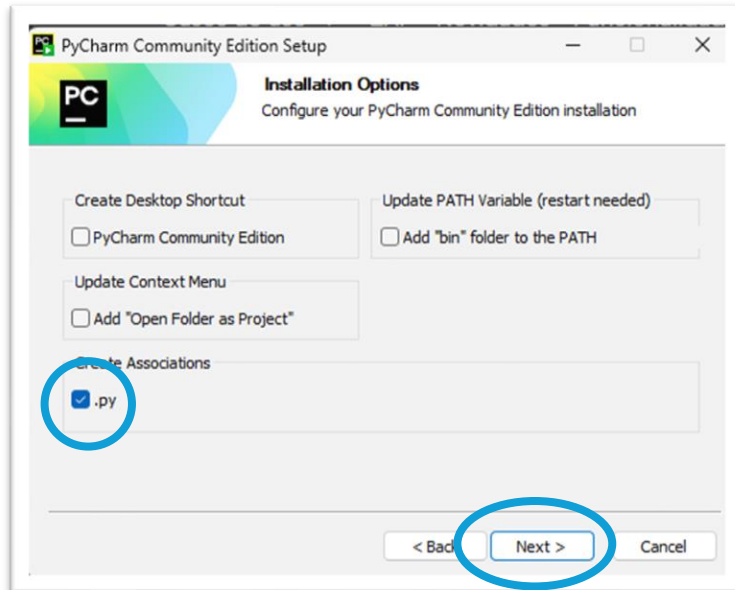
JetBrains

<https://www.jetbrains.com/pt-br/pycharm>

PyCharm: o IDE de Python para ciência de dados ... - JetBrains

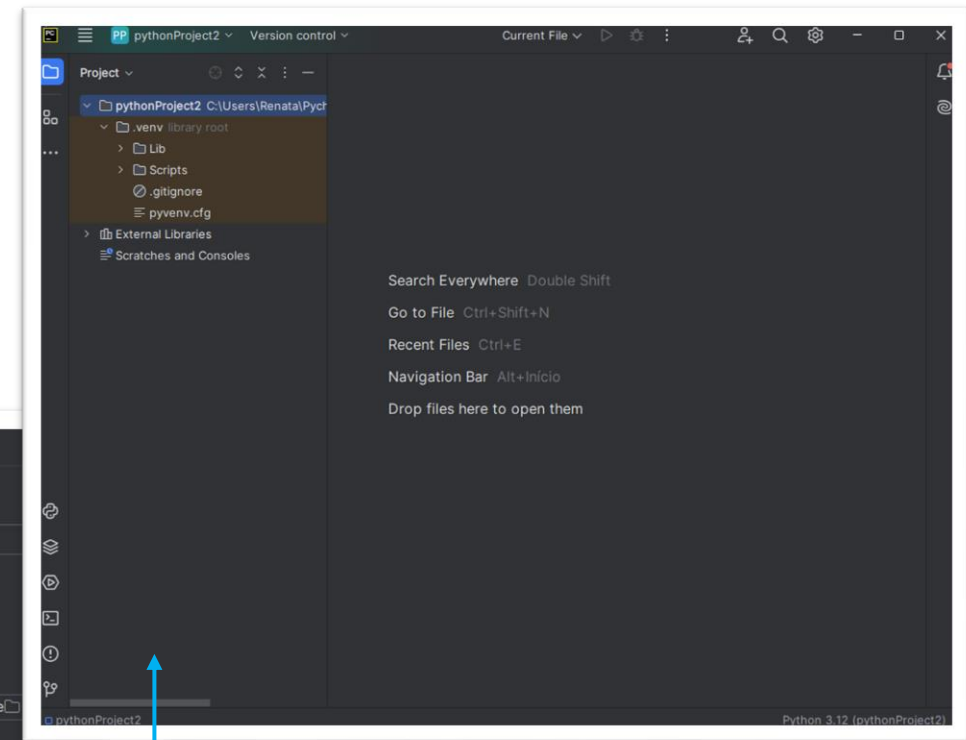
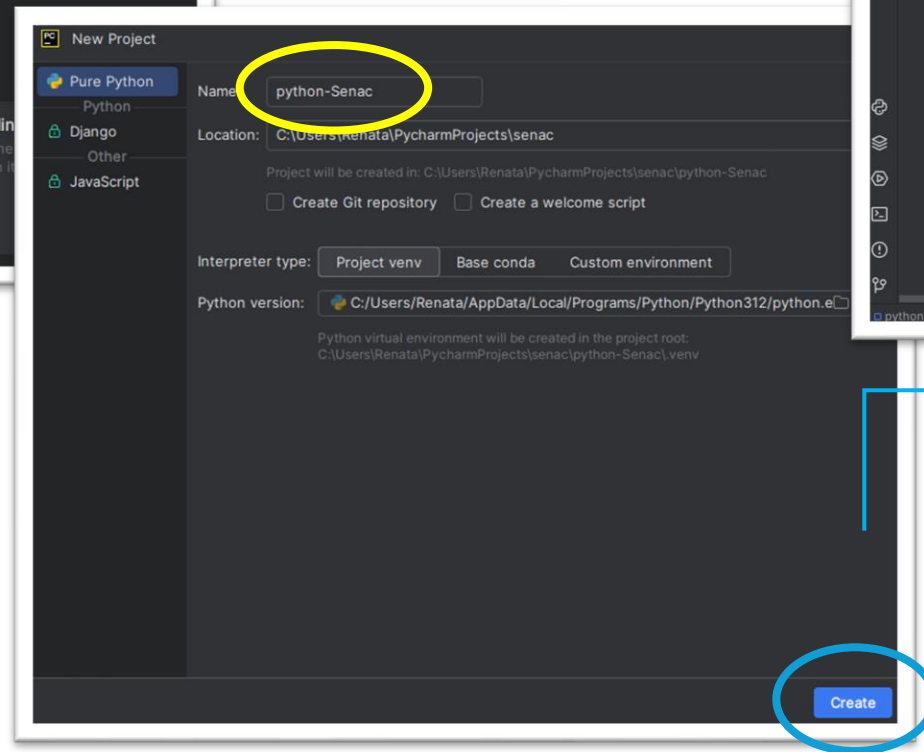
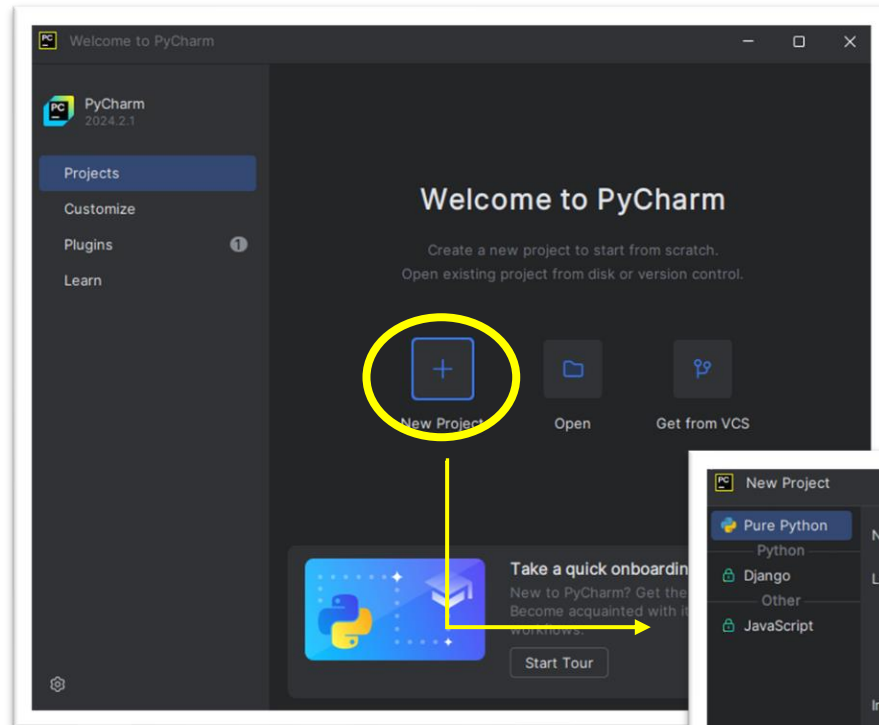
O IDE de Python para ciência de dados e desenvolvimento para a Web, com complementação inteligente de código, verificação de erros em tempo real, ...



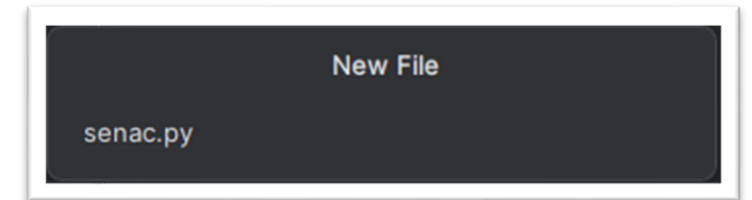
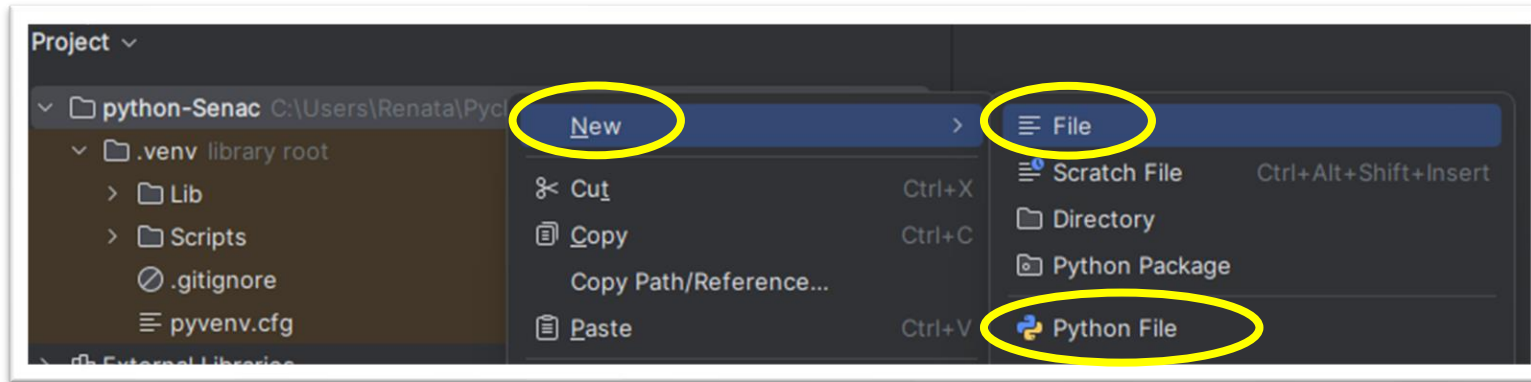


Praticando no PyCharm





Usando o PyCharm



```
senac.py x
1 print('Olá Mundo!')
2 print('Hello, Word!')
3 nome = input('Qual o seu nome?')
4 print('Bem-vindo(a),', nome)
```

No Python, para fazermos um comentário, usamos a # antes do código.



Usando o PyCharm

