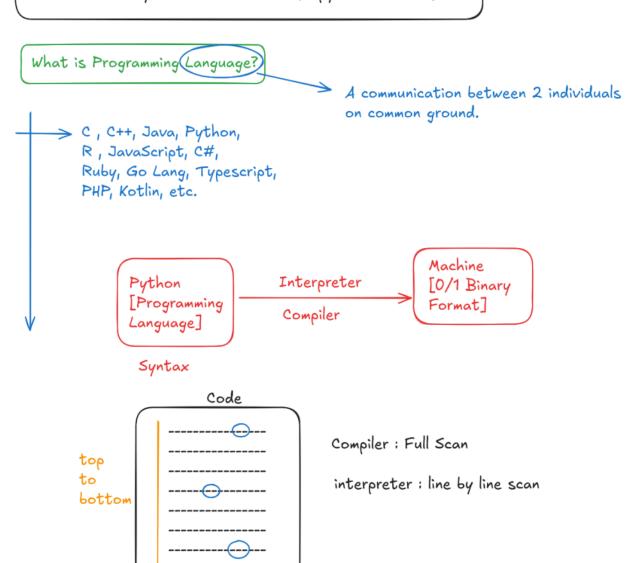
Introduction to Python-I



- Q Understand what Python is
- M Explore what Python can do
- Discover Python's features
- de Compare Python with other programming languages
- Understand how Python differs from Excel and SQL
- / Learn Python's role in Data Analytics
- Install Python and Anaconda (Jupyter Notebook)



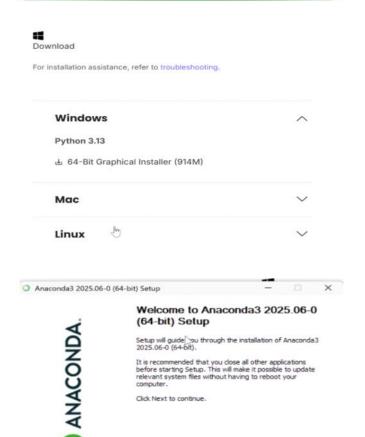
Set of Instructions:

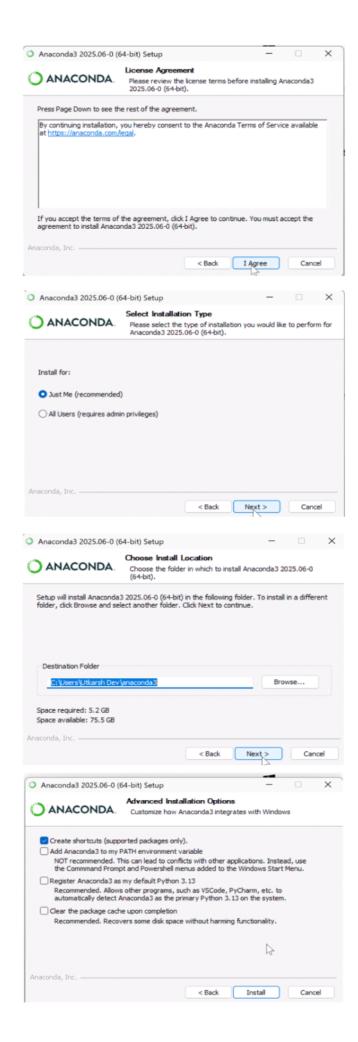
How to make a Maggie?

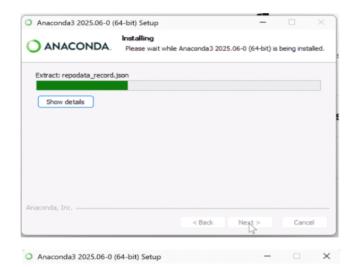
- Step 1: Boiling water ...
- Step 2: Adding Maggi noodles to boiling water.
- Step 3: Adding tastemaker (masala).
- Step 4: Stirring occasionally and letting it cook ...
- Step 5: Maggi is ready! Serve hot 🏺 🥞



- It is a programming Language.
- It's a high level language.
- Easy To understand. [Human Readable]
- Handles Large Dataset.
- It's an interpreter language
- Rich in Libraries
- Amazing Support from the community
- Its an platform independent. -> .py







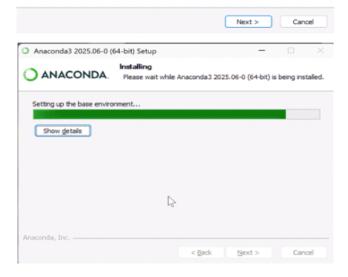
) ANACONDA.

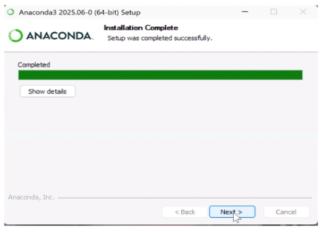
Welcome to Anaconda3 2025.06-0 (64-bit) Setup

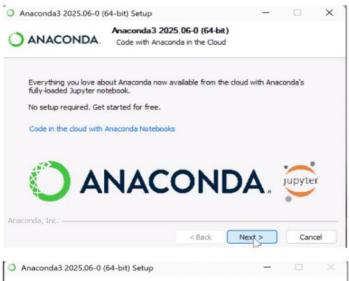
Setup will guide you through the installation of Anaconda3 2025.06-0 (64-bit).

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

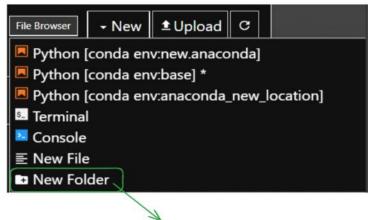




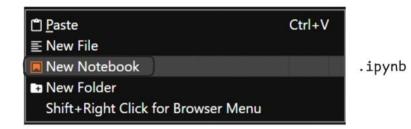




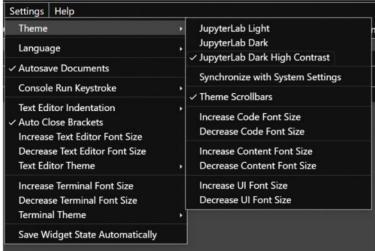


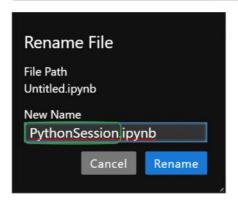


anaconda_projects









```
Code
-
Code
Markdown
Raw
```

```
1 + % □ □ ▶ ■ C → Code  
| [1]: | print("Hello EveryOne!")
| Hello EveryOne!
```

Python Programming Let's Learn Together , Grow Together!! ¶ 1. Learn Faster! 2. Grow Faster • It is a programming Language. • It's a high level language. • Easy To understand. (Human Readable) • Handles Large Dataset. • It's an interpreter language • Rich in Libraries • Amazing Support from the community • Its an platform independent. -> .py

```
# Java
int x = 10
System.out.println(x)

# Python
x = 10
print(x)
print(type(x))

10
<class 'int'>

x = "Coding Ninja"
print(x)
print(type(x))

Coding Ninja
<class 'str'>
```

```
x = 'k'
print(x)
print(type(x))
k
<class 'str'>

x = int('10') + 1
print(x)
print(type(x))

11
<class 'int'>

x = 10.5
print(x)
print(type(x))

10.5
<class 'float'>
```

```
# parameters "\n" by default
print("Python")
print("Programming")

Python
Programming

print("Python" , end = " ")
print("Programming")
print("Coding is Awesome  ")

Python Programming
Coding is Awesome  ")

# seperator -> concat_ws
print("Mon", "Tues", "Weds", "Thurs", "Fri")

Mon Tues Weds Thurs Fri
print("Mon", "Tues", "Weds", "Thurs", "Fri" , sep = " - ")

Mon - Tues - Weds - Thurs - Fri
```