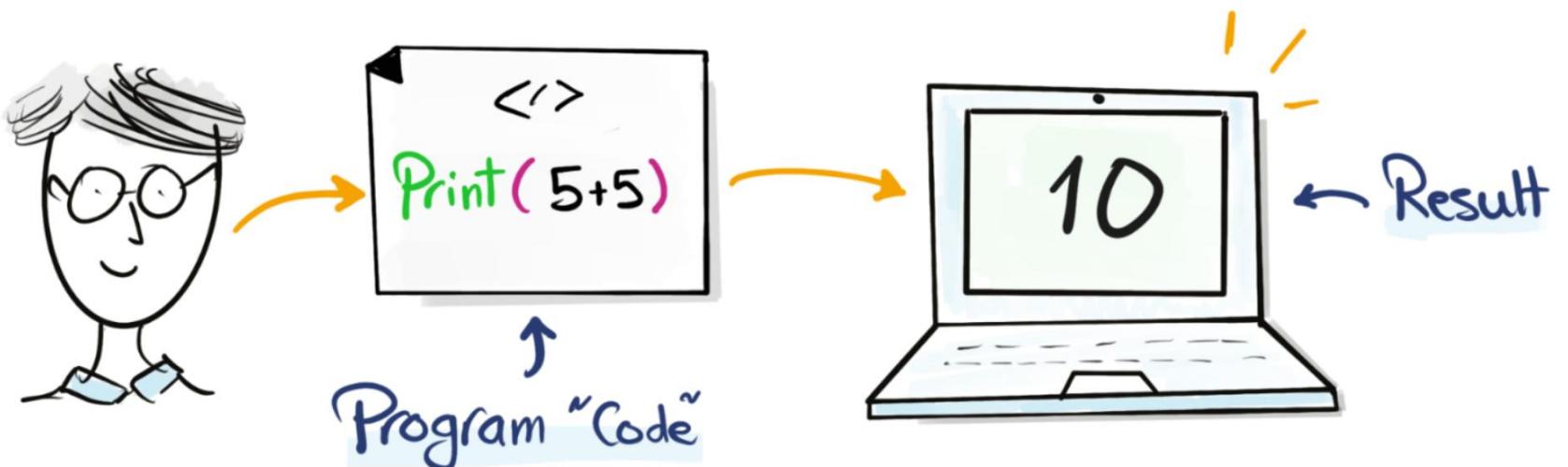
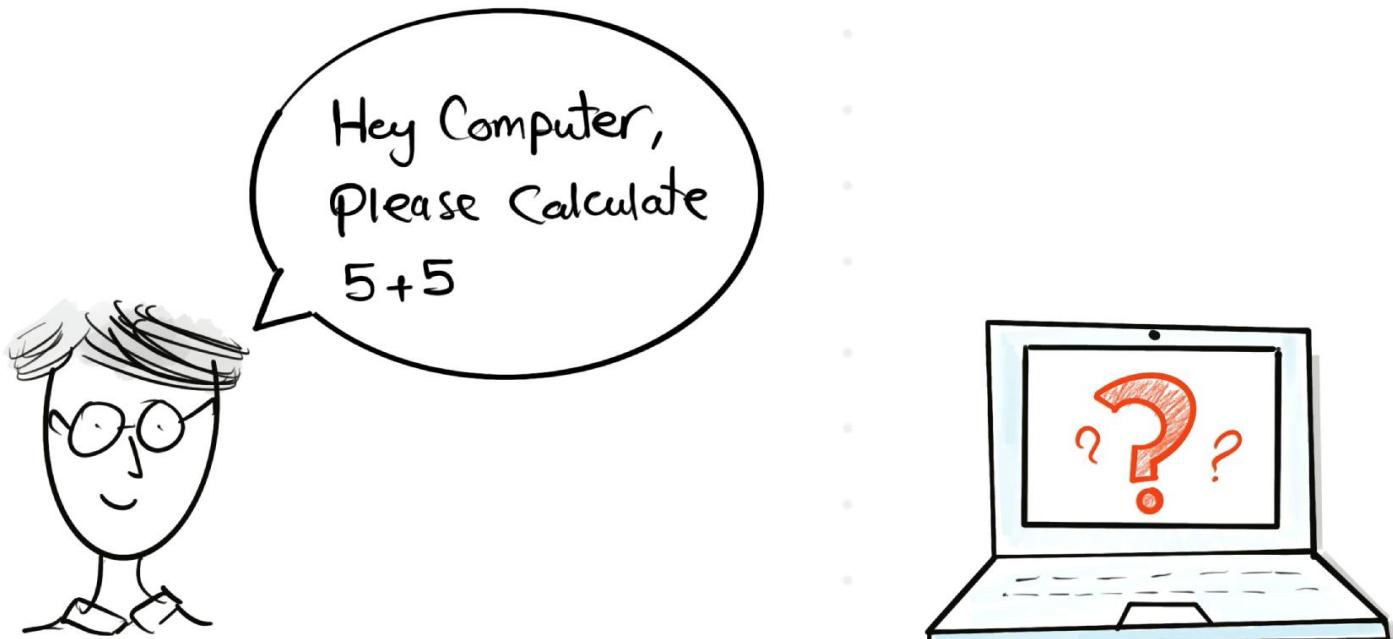




DATA WITH BARAA

# INTRO TO PYTHON

Baraa Khatib Salkini  
YouTube | **DATA WITH BARAA**  
Python Course | Intro to Python



# Easy Languages

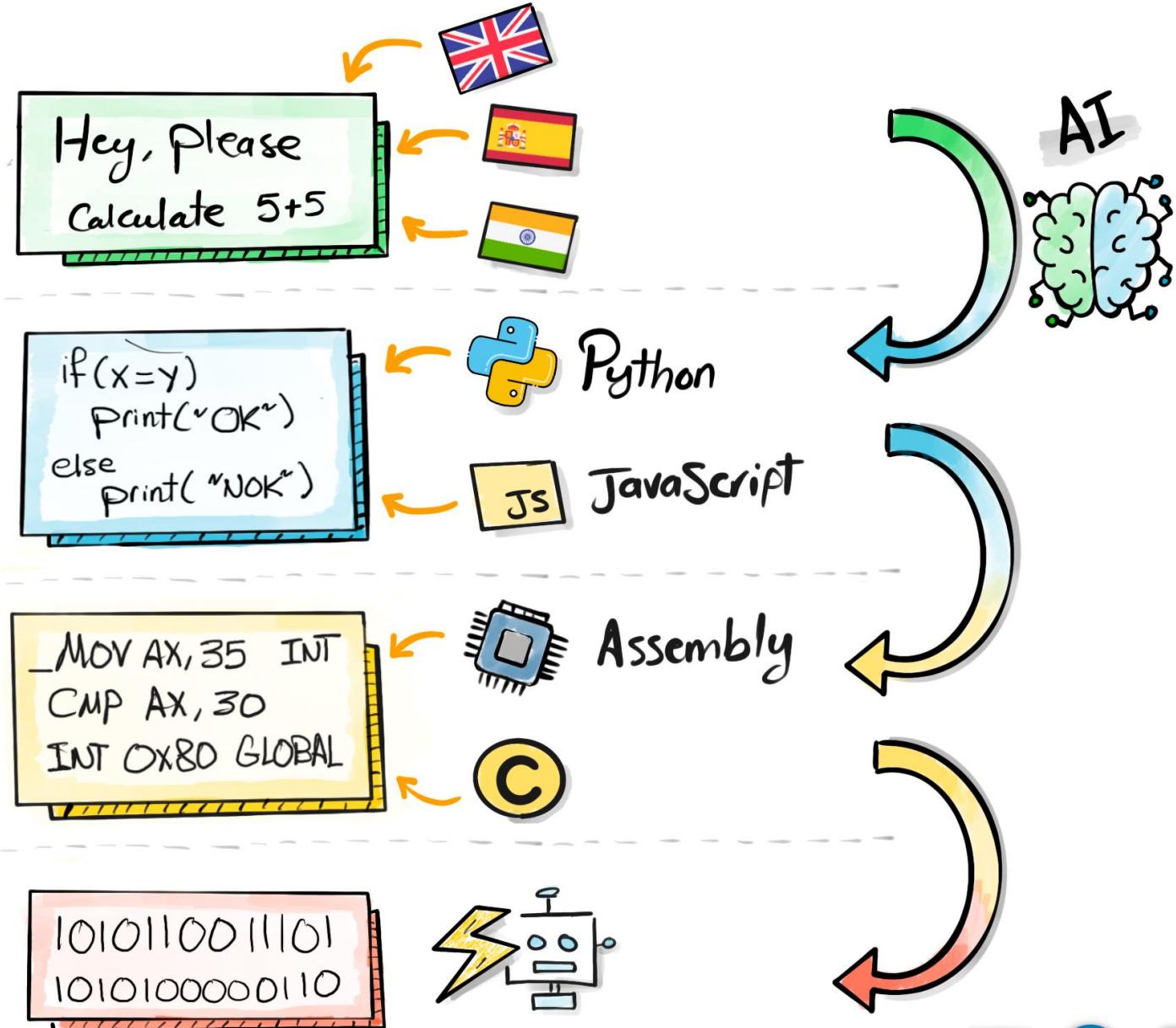
## Natural Language

## High-level Language

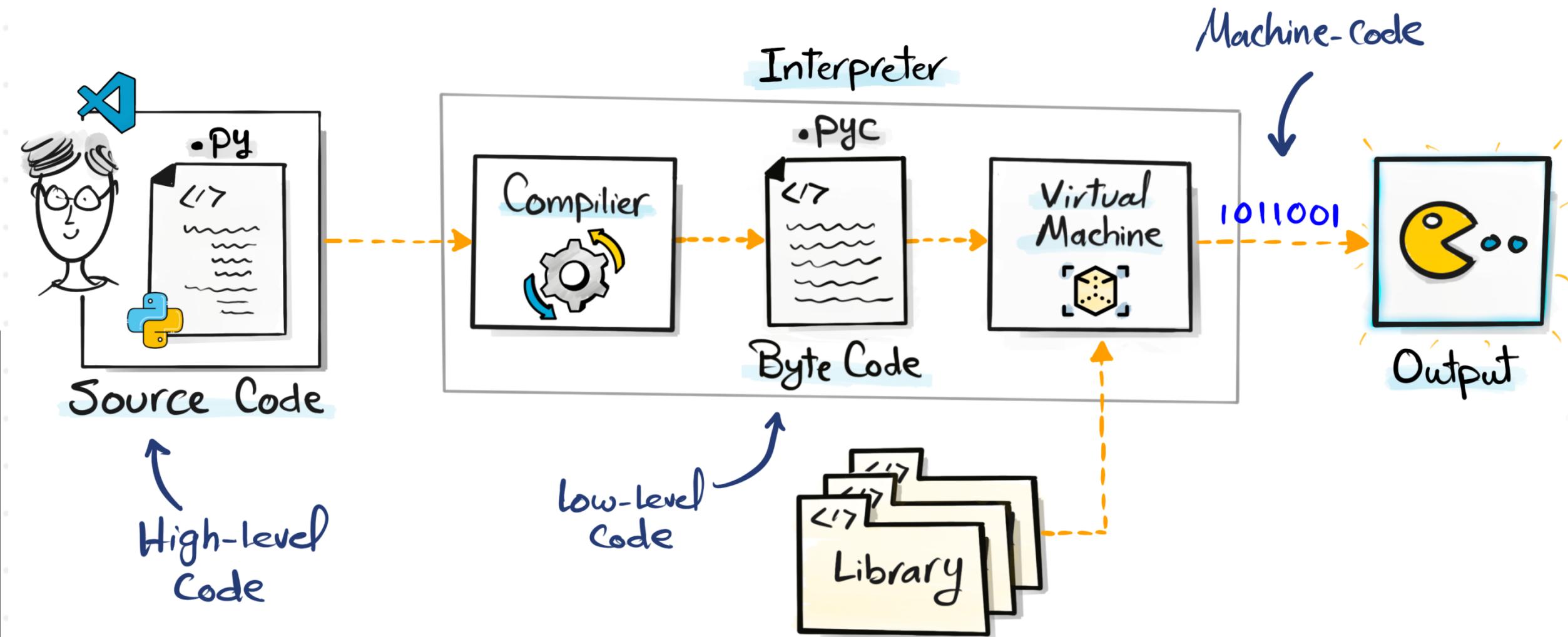
## Low-level Language

## Machine language

Hard



# How Python Works ?

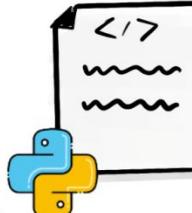
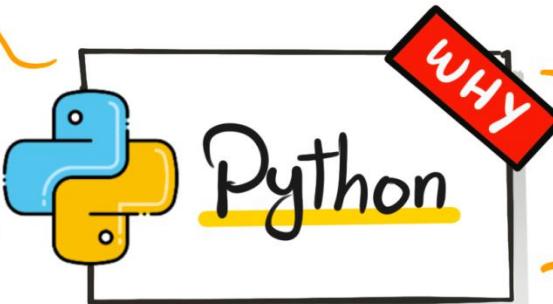




High in Demand



AI



others



Everything & Everywhere



Automation



Web



Gaming



Data Science



Huge Community

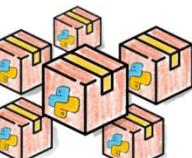
Tutorials



Blogs



Libraries



Projects



# Python Roadmap



①

## Beginner

- Variables
- Data Types
- Flow Control
- Functions

②

## Intermediate

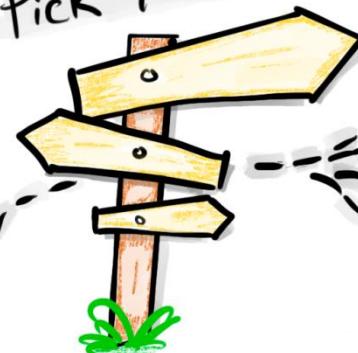
- Exceptions
- OOP
- Modules
- Files

③

## Advanced

- API
- Web Scraping
- Testing

Pick Your Path



④.1

## Data Engineering



- Pyspark
- ETL
- Automation

④.2

## Data Science



- Pandas
- Numpy
- Plotly

④.3

## AI & Machine Learning



- PyTorch
- Transformers
- TensorFlow

④.4

## Web Dev.



- Flask
- django
- requests



DATA WITH BARAA

# Comments

Baraa Khatib Salkini  
YouTube | **DATA WITH BARAA**  
Python Course | Comments

# Comments



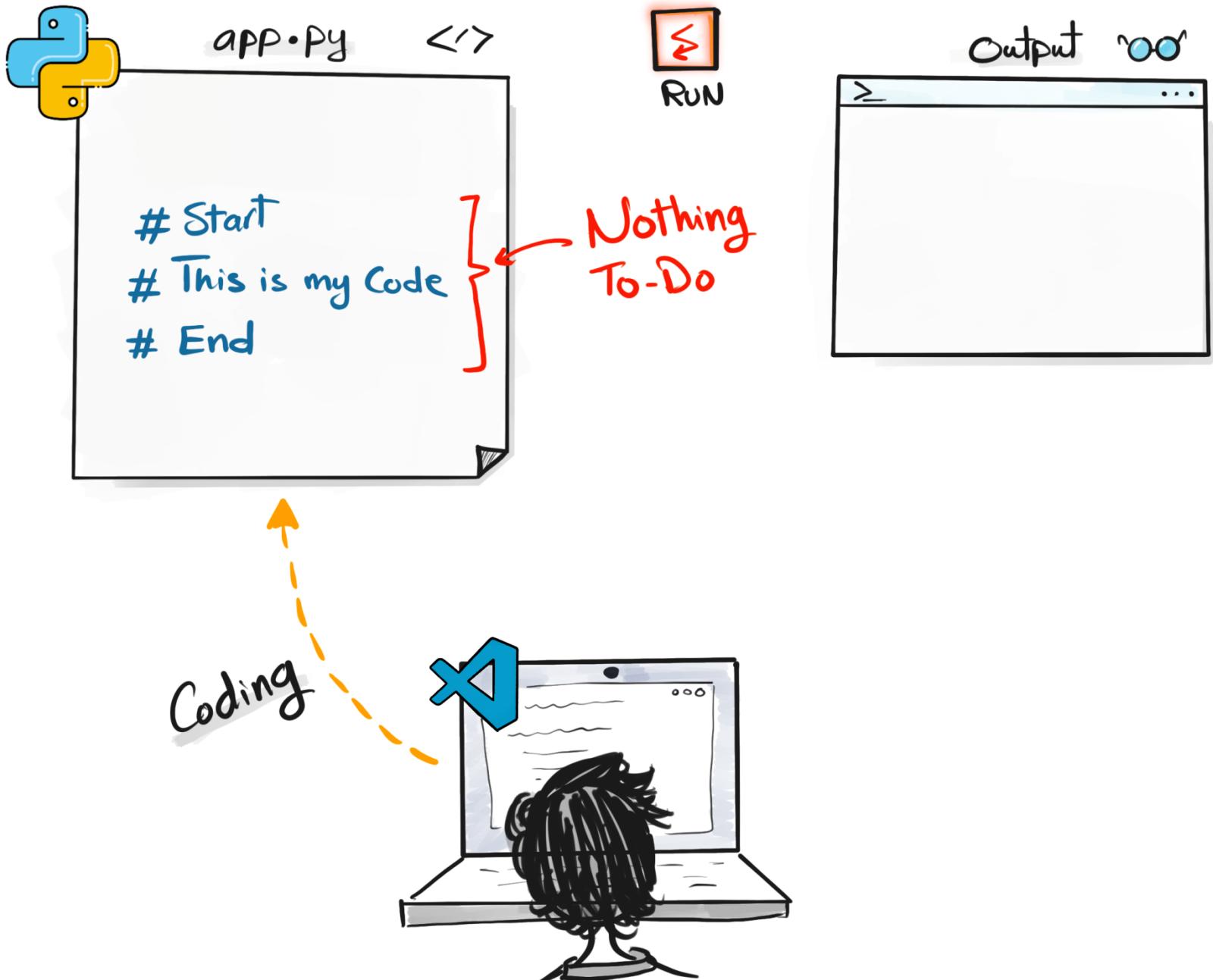
Comments are notes in code



Python skips comments



Comments make code:  
Understandable, readable, professional





DATA WITH BARAA

# PRINT ()

Baraa Khatib Salkini  
YouTube | **DATA WITH BARAA**  
Python Course | PRINT

# PRINT()



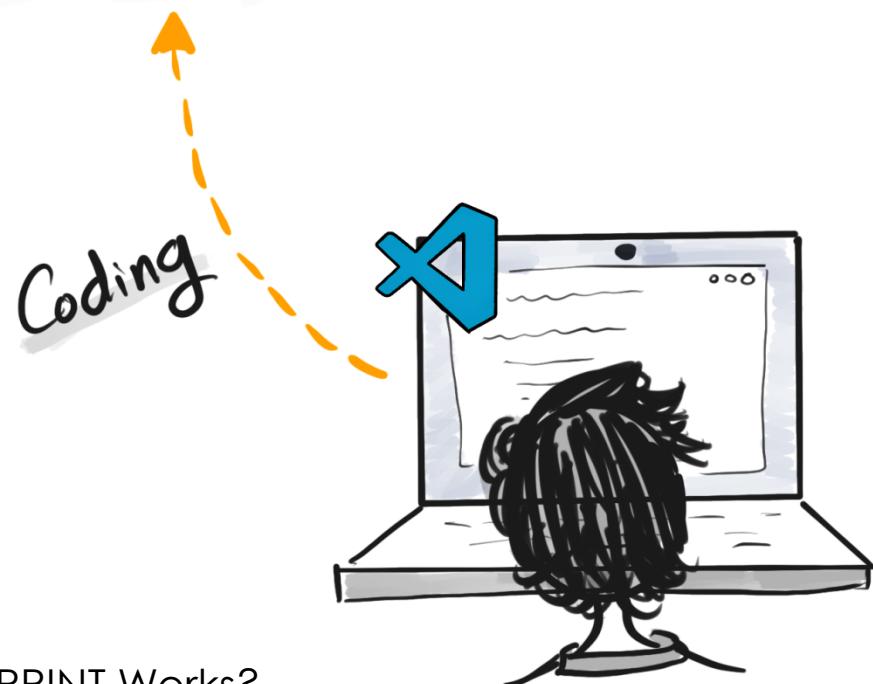
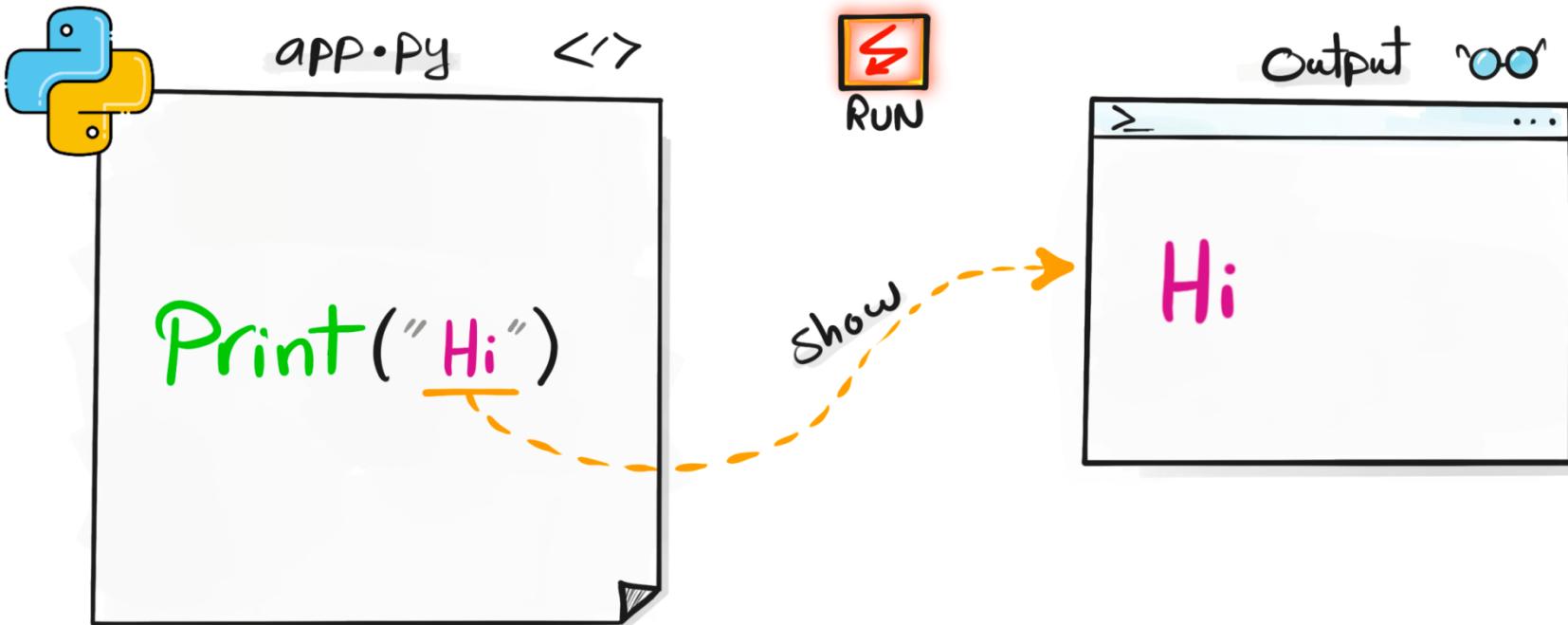
Built-in Python Function



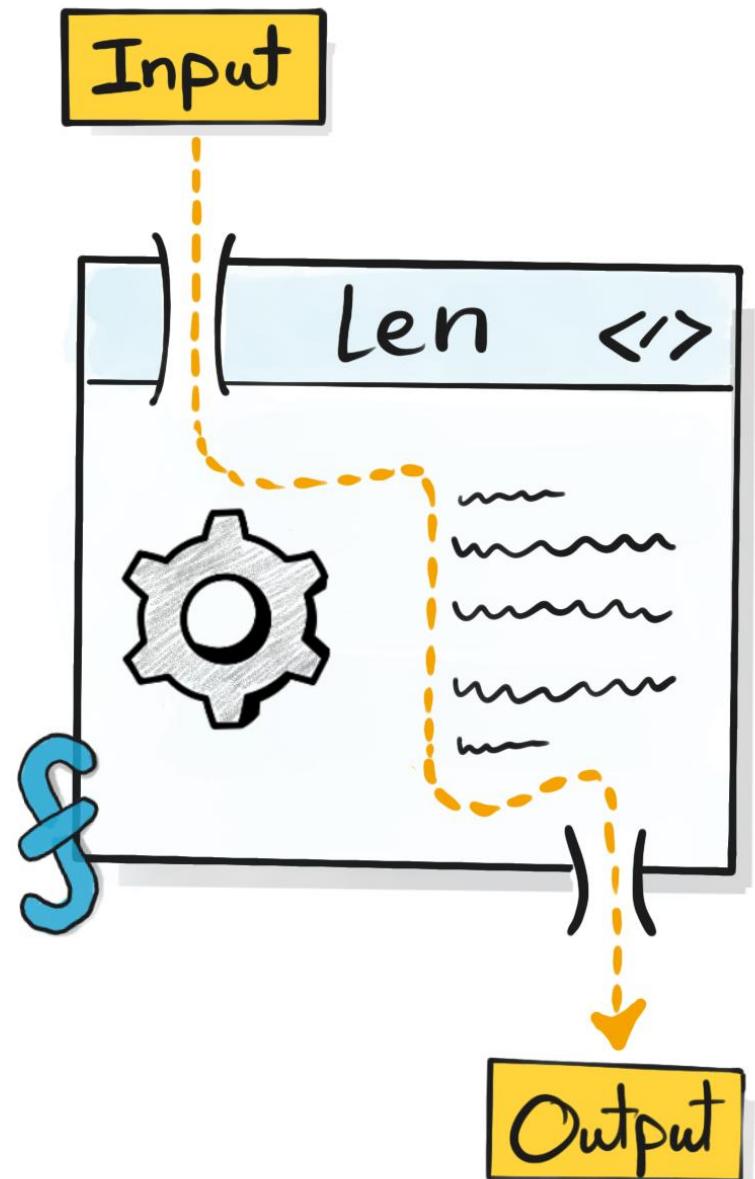
Display message in output for users

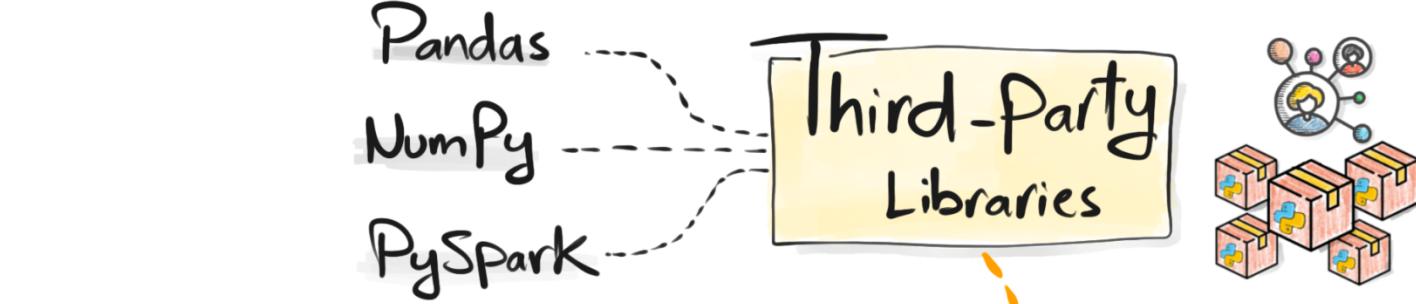


Use Cases:  
Communicate, Show Results  
Debugg, Test



# Functions

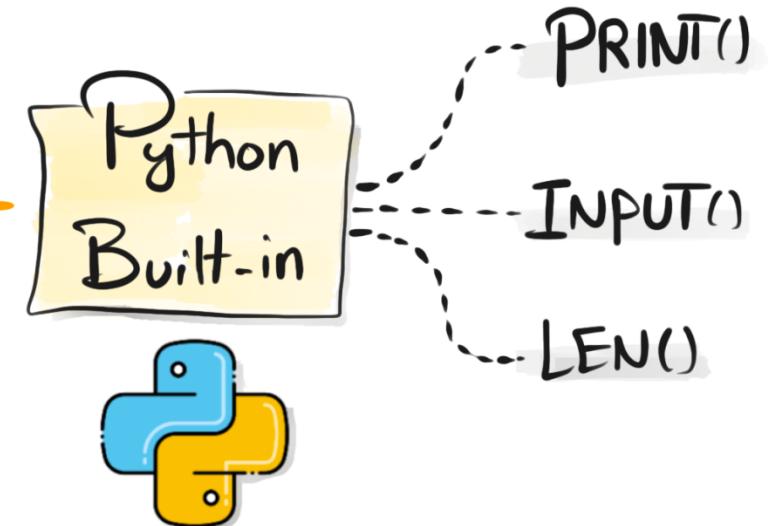
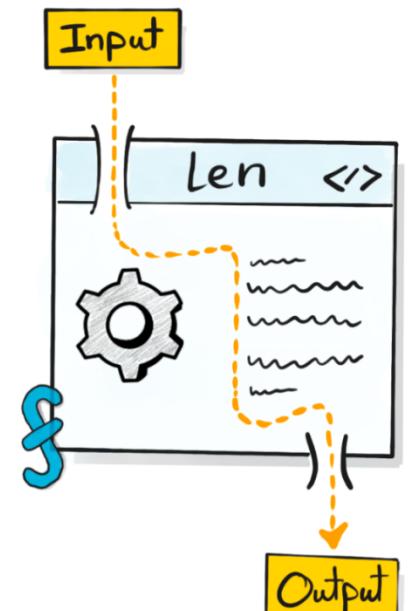




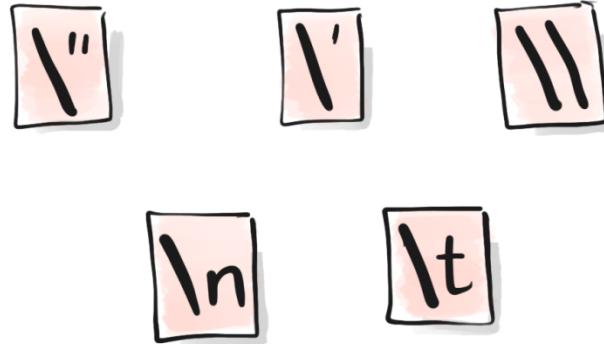
User  
Defined



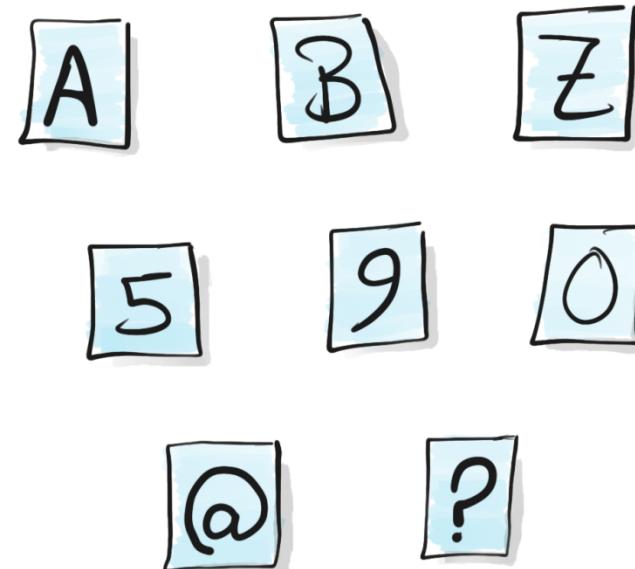
## Functions



## Special Characters



## Normal Characters



Normal Characters → "Abc@30\n.com"

Break Sequence

↑ Special (NewLine)

# Escape Sequences

\"

Double Quote

\'

Single Quote

\\"

Backslash

\n

New Line

\t

Tab

\b

Backspace