



Ch1: Python Introduction

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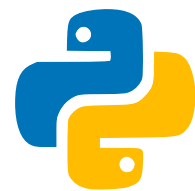
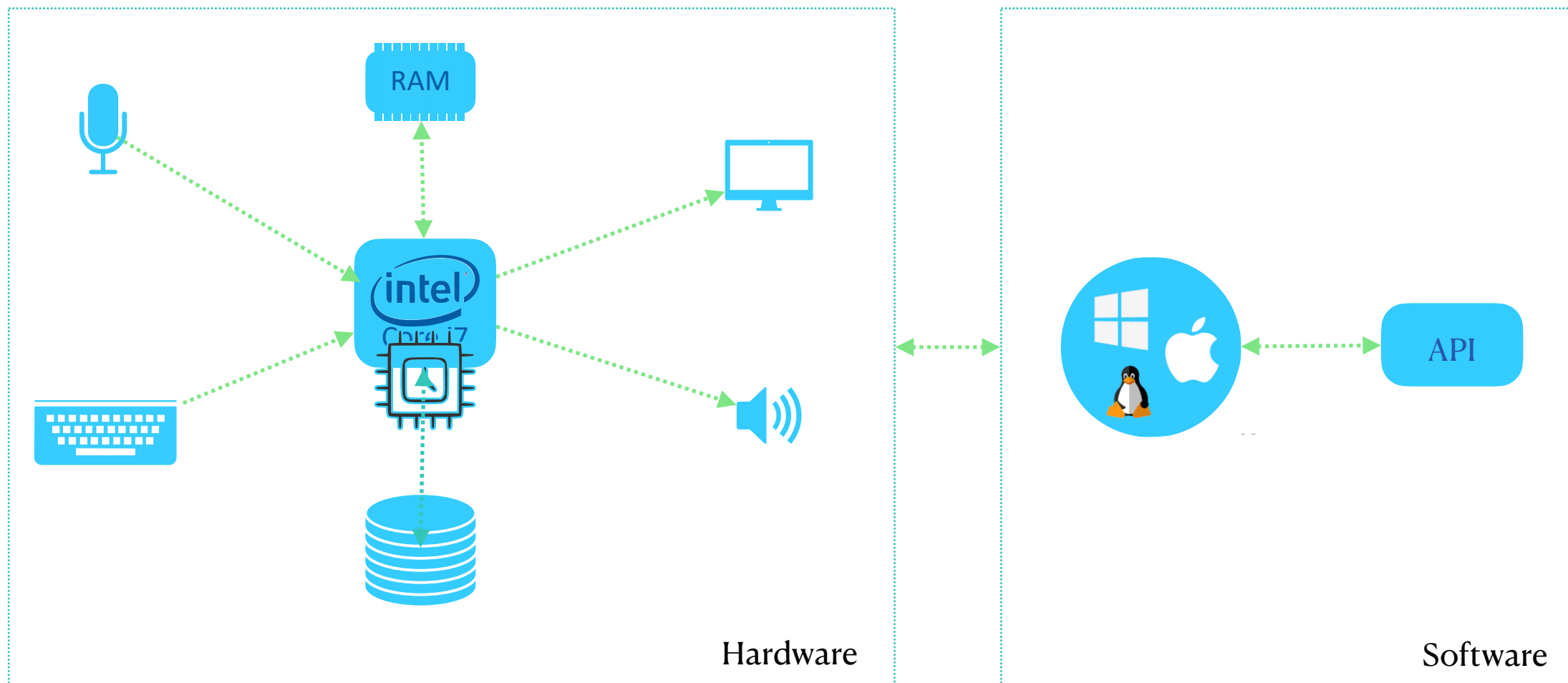


Review of Key Topics

- Computer and programs
- python language history
- python interpreter
- IDEs for Python
- basic input/output in python
- error types in python
- coding summary

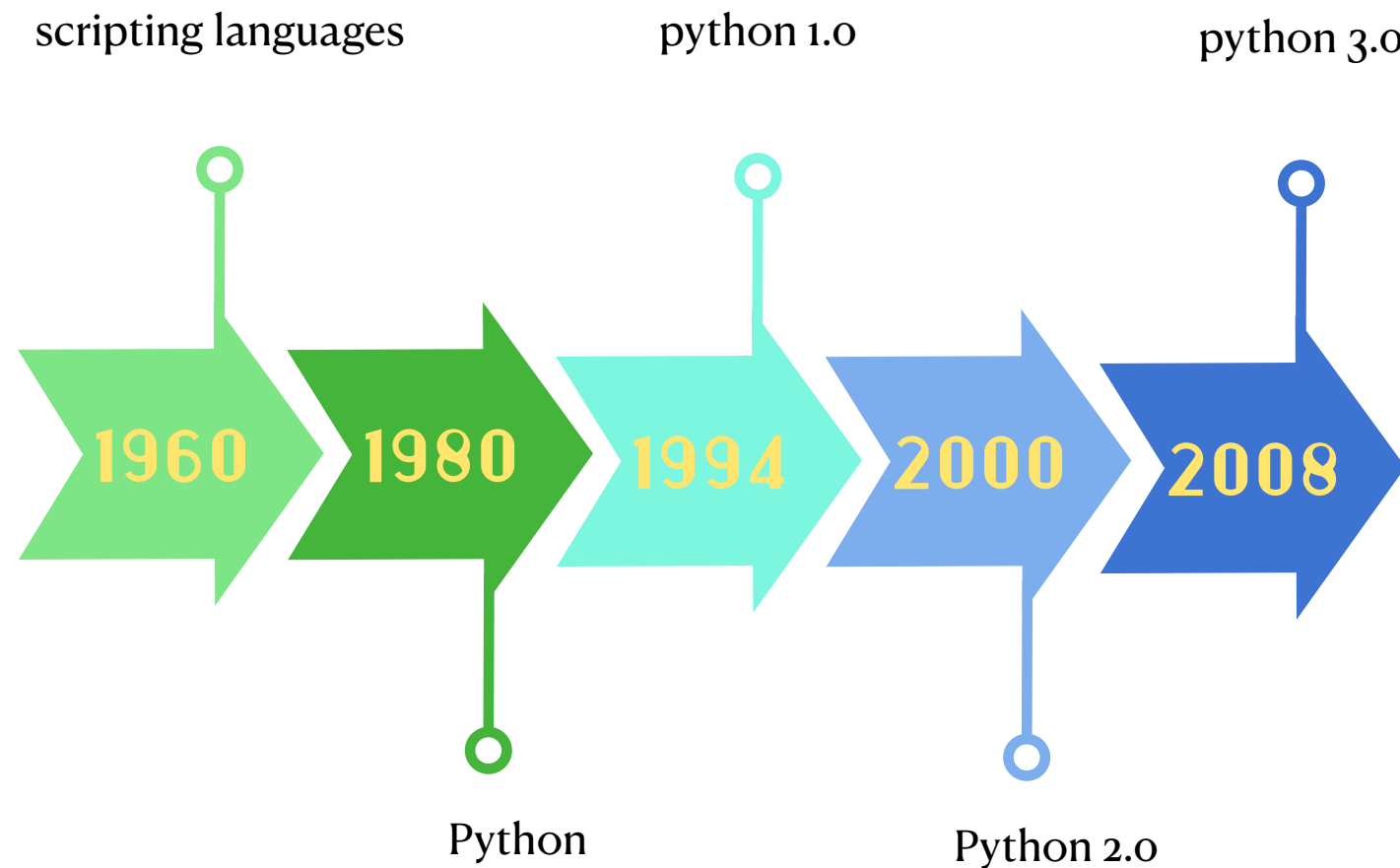


Computer and Programs



So, where is python?

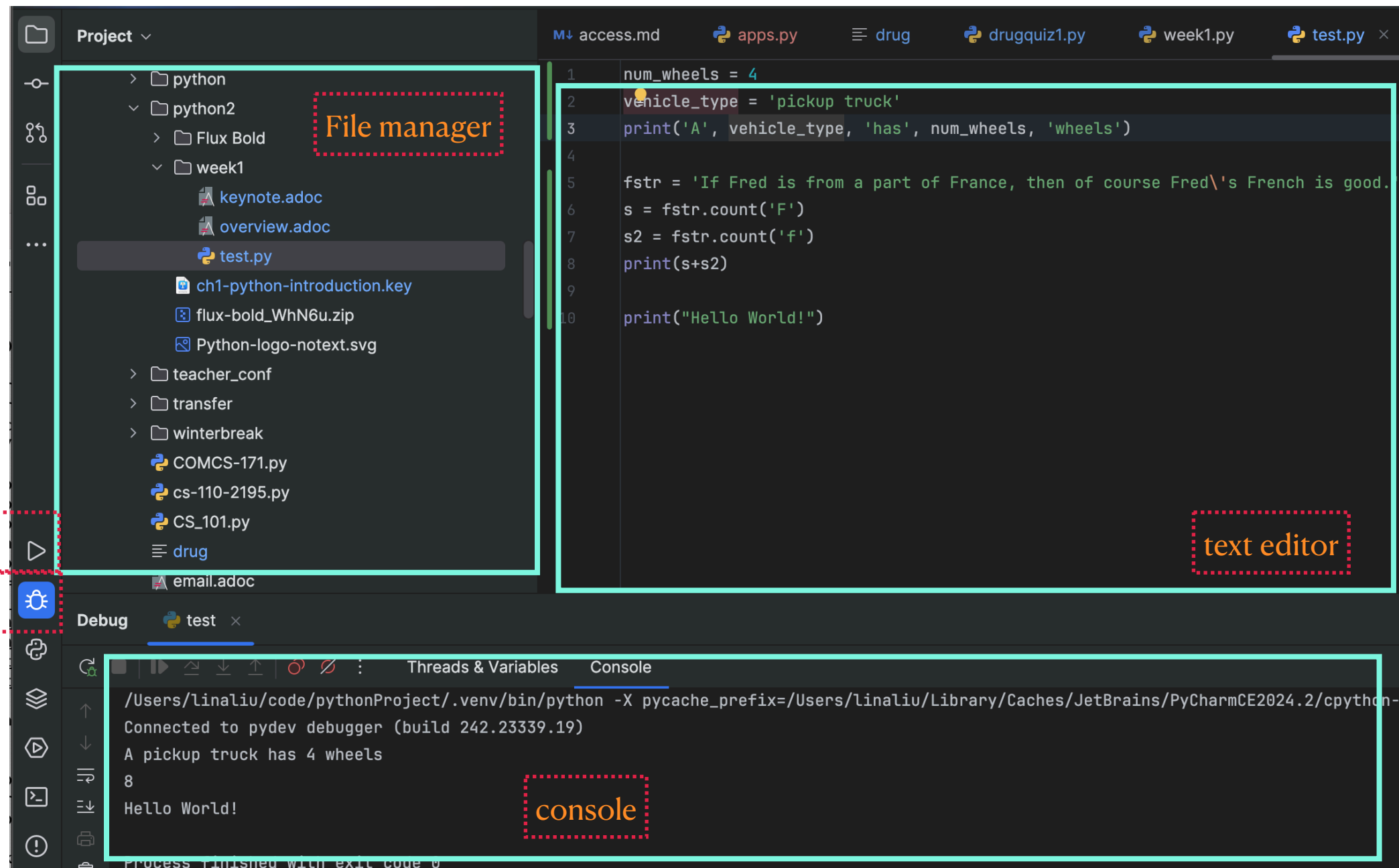
Python language history



Python Interpreter



Python IDE





basic Input/output In Python

`input(prompt[optional]: str = "") -> str`

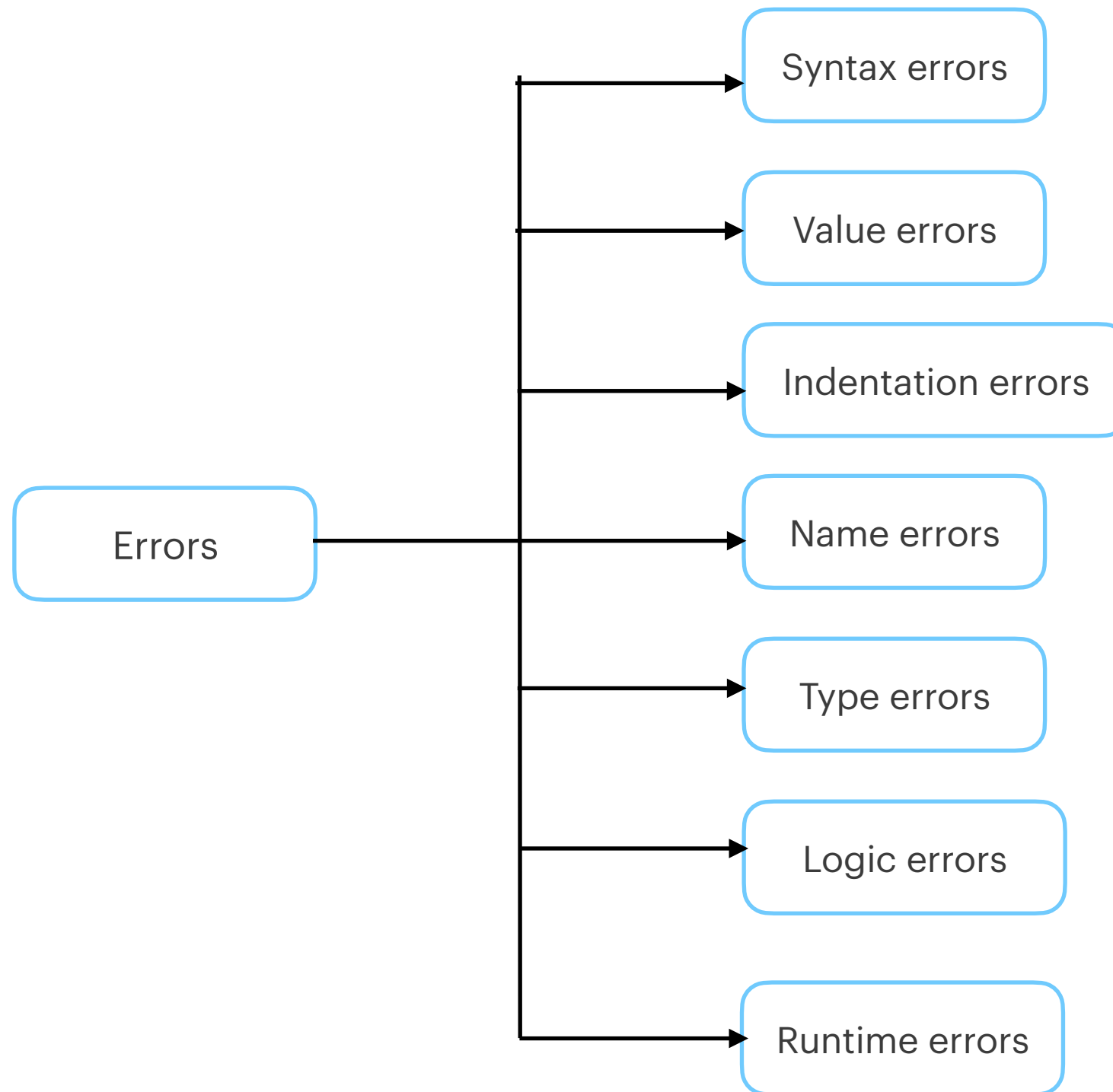
```
name = input("enter your name:")
print(name)
age = int(input("enter your age:"))
print(age)
random = input()
print(random)
```

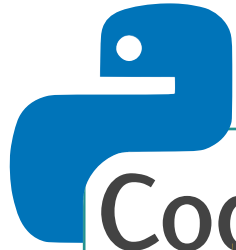
`print(var1, var2, var3, ..., sep=' ', end='\n')`

```
sep_str = "***"
end_str = ", "
num = 5
print("Hello", num, "World!", sep=sep_str, end=end_str)
print("Python.\n")
```



Error Types





Coding Summary

- Whitespace matters

```
1 print("*****")
2 print("*****\n")
3 print("Hello world!")
4 print(" Hello world!")
```

- Programming demands precision

```
6 print("Printing A line is done using println")
7 print("Printing A line is done using println")
```

