

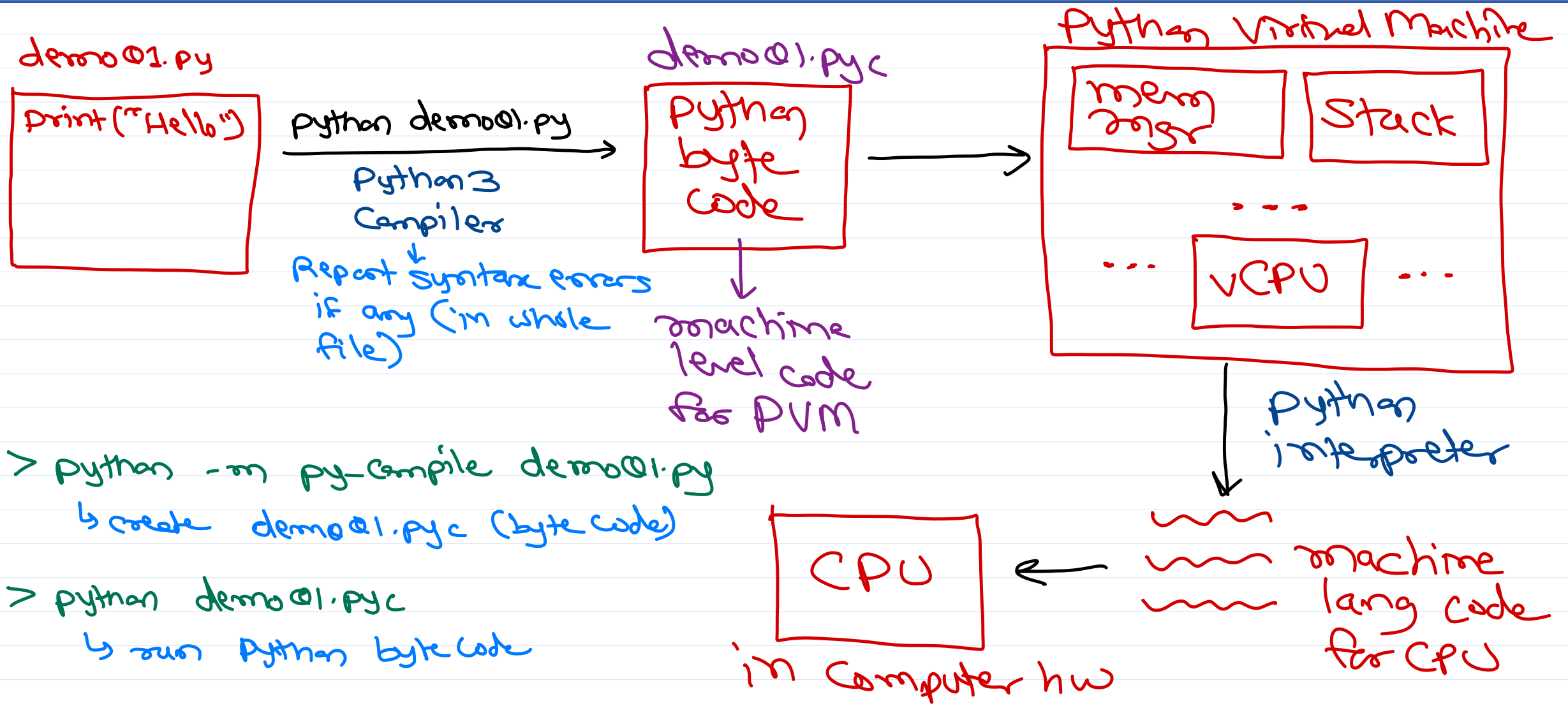


Python Programming @ Sunbeam Infotech

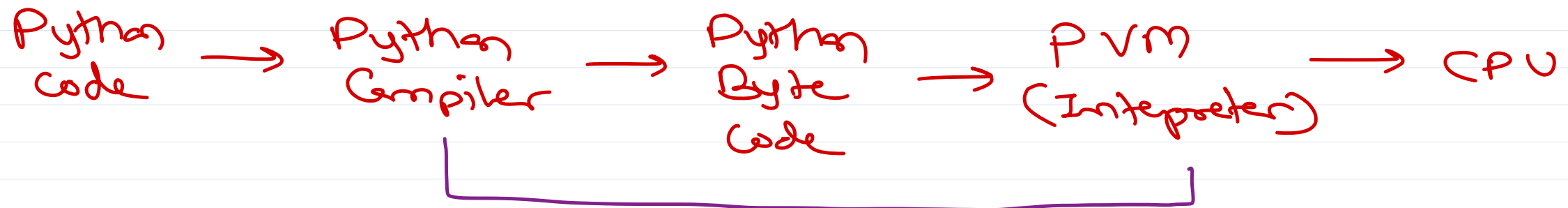
Trainer: Nilesh Ghule



Python program execution



Python implementation



- ① CPython ← implemented in C language - default/std impl
- ② JPython ← implemented in Java lang
- ③ IronPython ← implement in C# lang
- ④ MicroPython ← implemented in C language for embedded (micro-controller)
- ⑤ PyPy ← implemented in Python



Variables → named memory location

Declaration:

Var name = value

↳ No data type is given

num = 100 → inferred type = int

num = 200

var = 3.14 → inferred type = float

flag = True → inferred type = bool

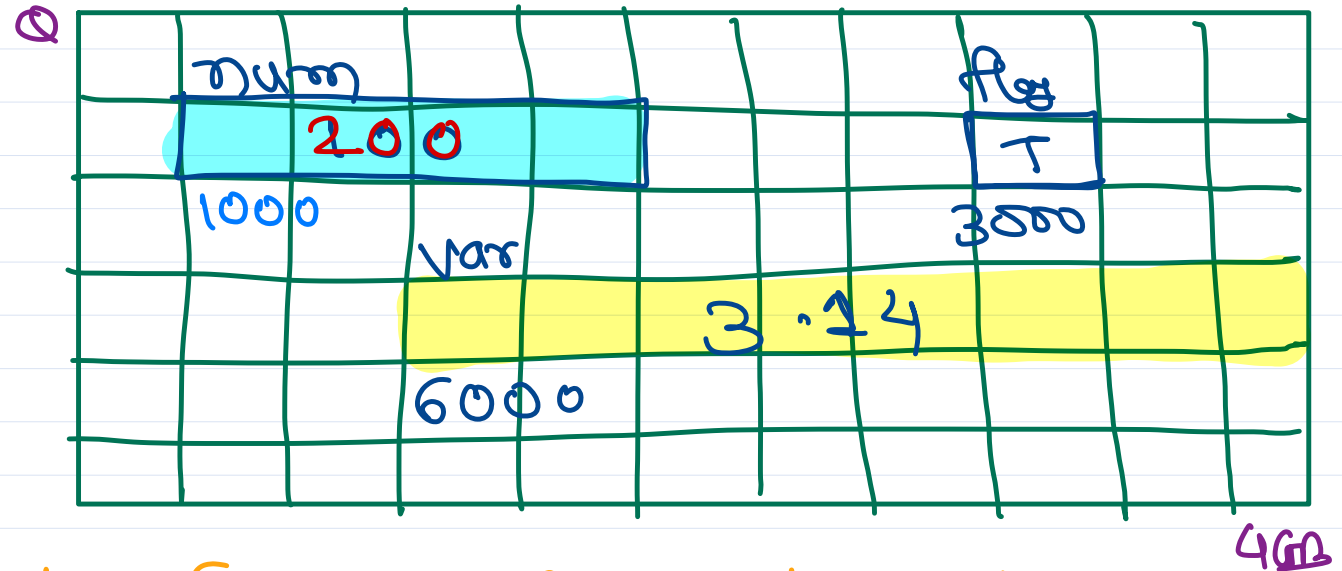
Name of var / function is → identifier

- ✓ alphabet, digits, and underscore(_)
- ✓ start with alphabet or underscore.

first_name ✓ 1st name X

worldcup2024 ✓ -player ✓

RAM



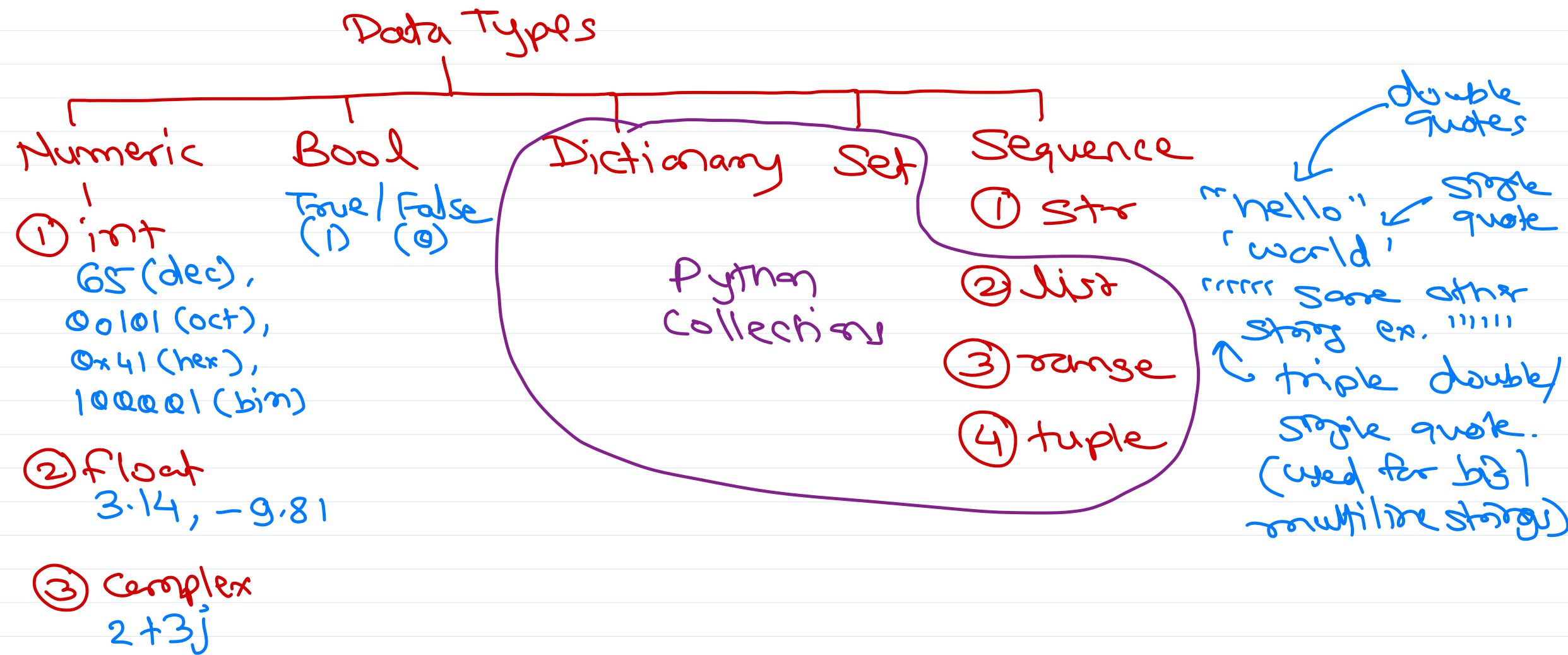
type(var) → shows type of var.

id(var) → shows address of var in RAM

var.__size__ → shows size of var object.



Data Types





Thank you!

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