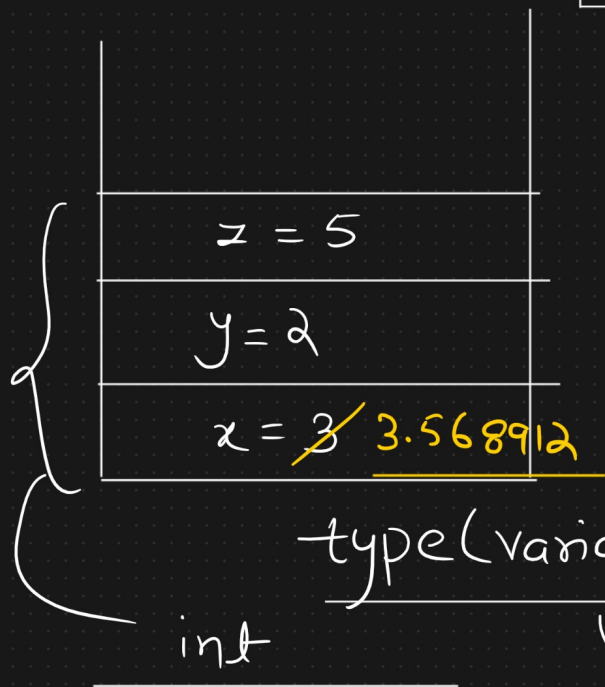


# Mastering Variable in Python

What?  
Why?

Variable

→ container where we  
try to store any  
kind of value



① Automatic datatype  
alignment

## ③ Data types of Variable

- ① Int
- ② float
- ③ String
- ④ Boolean
- ⑤ Complex

Real Num

$7 + 2i$

$i = \sqrt{-1}$

imaginary

- ① Real Num num
- ② Imaginary Num

$$\rightarrow 7 + 2j$$

imaginary

④ Variables  $\rightarrow$  case-sensitive

0	1	2	3	4	5
0	1	1	2	3	<u>5</u>

Practice

Problem

① Fibonacci Series

$\text{fib}(5) = 5$

② Palindrome

$\xrightarrow{\quad}$   
 1, 2, 1  
 $\xleftarrow{\quad}$