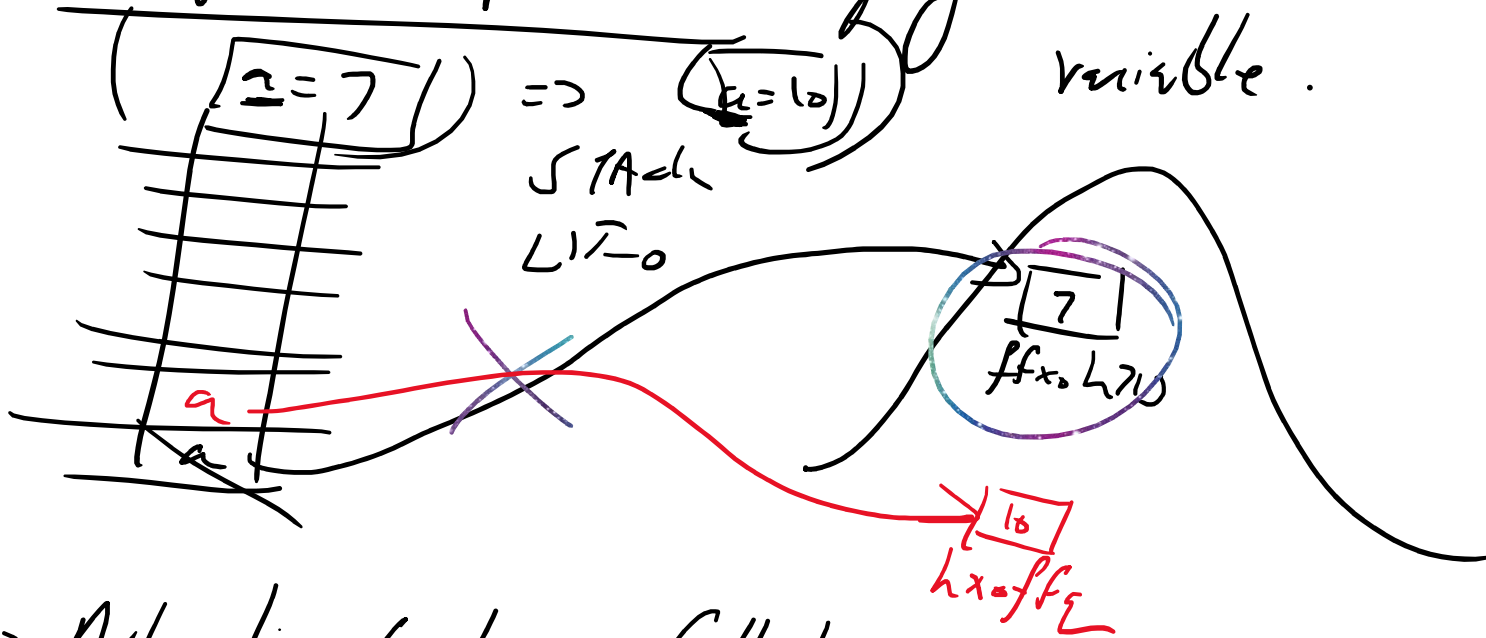


2025-01-17 - Apply concepts of Input / Output, control statements and object oriented programming in python for performing arithmetic operations.

17 January 2025 13:17
→ Operators :

→ Arithmetic operators : Numeric Value

→ Assignment operators : Assigning value to variable.



→ Automatic Garbage Collection

→ Comparison Operator :

==	<
!=	>=
>	<=

→ Logical Operators :

AND | OR

Logical operators:

$\&$ - and

$||$ - or

\sim - not

Identity operators:

is

is not

	AND	OR
0 0	0	0
0 1	0	1
1 0	0	1
1 1	1	1

Membership Operators

in

not in

(ASCII Sensitive)

Bitwise operators:

AND $\&$ $<<$ Left shift

OR $|$ $>>$ Right Shift

NOT \sim

XOR \wedge

5 - 0000 0101

AND $\&$

3 - 0000 0011

	$\&$
0 0	0
0 1	0
1 0	0
1 1	1

1. 1. 1. 1.

	0	1
0	0	0
1	0	1

4) $\int \begin{matrix} \boxed{0} & 0 & 0 \\ \int & \int & \int \end{matrix} \quad \begin{matrix} 0 & 1 & 0 & 0 \\ \int & \int & \int & \int \end{matrix}$

A hand-drawn diagram of a boat, likely representing a ship or vessel, positioned below the text. The boat is drawn with a simple outline, showing the hull and a single sail. The sail is rectangular and attached to a mast. The boat is oriented horizontally, with the bow pointing to the right.

1

if

if condition ;
statement
elif condition :
statement
else :
statement