Operators

Agenda

- Arithmetic Operators
- Assignment Operator
- Relational Operators
- Typecasting

Relood if you cannot hear me.

Next class on 28th

2 Python 3

Do not write coder in Python 2.

Arithmetic Operators

1.0 + 2
$$\rightarrow$$
 float

$$x - y$$
 $1 - (-2.0)$ =) $1 + 2.0 = 3.0$

Integer Ofivision (Floor Oivision)

floor (2.6) -> [2.6] = 2

Lower integer part

3.1 = 3

L 4.9] = 4 , [s.999999] = 5

-1.5 = -2

 $\begin{bmatrix} -1.1 \end{bmatrix} = -2$

 $\lceil S.1 \rceil \rightarrow ceil (S.1)$

$$10^{9} = 10 \times 10 \times 10 = 10000$$

$$10^{-2}$$
 = $\frac{1}{10^2}$ = 0.01

$$10^{-3} = 1 = 0.001$$

Modulo with decimal numbers

1 loes not work in other languages

$$(11 + 2 - 4) ** (11 7.4)$$

$$= 9^{3}$$

$$= 729$$

Break till 10:10 PM

- Relational -> Always give
 - 5 > 2
- -> True

10 > 3

- -> True
- 10 > 15
- -> False
- 5 < 8
- → True
- < 2 10
- False
- 2 < = 10 $\rightarrow T$ 2 < 10 2 = 10

- 5 < = 5
- 5 < 5
- -> F
- 10 >= 8
- 10 > = 10
- 10 >= 12 F

$$N = 10$$
, $y = 10$

Equality

 $N = -2$ $y = 10$
 $N = -2$ $y = 10$

Doubts

Thank

You

Next class -> 20th

froblem constraint -> Ignore it

TAS, Community, Nintr, Problem Solving

import math

math. floor (2.1)

math. cell (S.9)

Crood
Thank
Night
You

Nappy Diwali

Next Friday 2ptn print(10 - 4 * 2 + 5 - 6 / 2)