Python class 4,

- => Strings -> 1. Concaknation 2. Slicing
- =) Operators -

String Concaknation

String concat => jaining your strings

- 1. Jaining Nome => First + Last
- 2. Address => House no. + area + Street
- 3. URL => host post /____

dB connection

www. "google" .com

Slicing of Stolngs

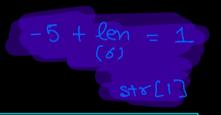
seq, sta list range tupple

sto PYTHON
0 1 2 3 45
-6-5 = 4 = 3 = 2-1

[-1]

delhi. 33

Str [-5] =



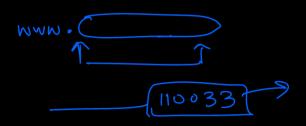
842[8] = 62201

Slicing



When we want a part/piece of your sto/11st





How to do slicing in python

Even if start or end index are out of bounds. it returns empty string.

It goes till and index -1.

Step Value

how many characters to move forward/ hockward agter the first char is retrieved

P = P Y T + LON 0 1 2 3 4 5

I bey depost

p[0:6:2] Ellue color]

PTO

P[1:8:2]





Sign of your alep value dyines where to go. = direction

5 (3) 3 (9) 2 (9) 27

0 0 0 0

OPERATORS

What are operators =) special symbols which do computation on values

Types.

- a) Arithe matic
- W) Comparision/Relational
- c) Logical
- d) Assignment
- e) Identily
- 8) Membership

operands

operators

eterands 3+9

Operator

Arithematic

+ Addition

- Subtraction

* multiplication

/ division

(†)

our operator behaviours changes haved on operands

3+4=7

- % Modulus
- Exponentiation
- // Floor division

$$29//10 = 2 \text{ not } 3 \text{ not } 2.89$$

Relational operators
get relation letu
2 things getting compared
They give either TorF as output
greater than
< less than
== Equal To
>= Greater than or equal to
<= Less than or equal to
! = Not equal to
Can be used to compore diff. ofterands
no. song list
6>8 =>

Relational operators in strings

Lexigraphical Composision

abc

acb

no multiplication

Chaining of relational operators

Python evaluates each & every expression individually & returns T ij all True ele false

impot
$$= ()$$

Special Behaviour of = = \$!=

Both type \$ value are composed 1 == '1' False sto & int 97 == 10' False != 3 tove if types are diff.

Logical Operators

and ox not

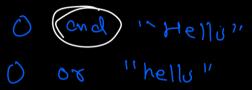
to combine 2 or more equotions a>b>c = a>b (and) b>c

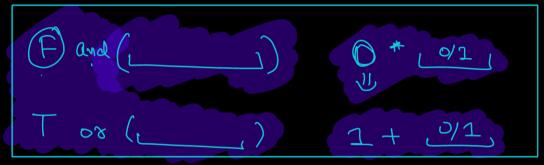
with numericals & Booleans > easy

d) If first value is True,

then logical or returns first val

else returns 2nd value





e) not operator on non-boolean hypes

false if its true

True if Jalse

not O