What are we goma Master today?

Concatenation in String

In python, when we add (+) two or more strings, they get joined in order

eg. &1 = 'Hello' &2 = 'Python'

81 + 82 = 'HelloPython'

no space

&1 + " " + &2 = 'Hello Python'

As multiplication is repeated addition, it adds the string repeatedly.

eg \Rightarrow S1 = 'hi''S1 * 3 = 'hihihi'

Note: Subtraction and division not supported.

Slicing in Python

Slicing means bulling out a sequence of Character from a string.

Allows us to extract part of sequence.

eg: with slicing, we can extract



"may" jrom "mayank"

Concept of slicing is very important, it is used in other sequences like list, tuple as well as in number arrays.

& pandas dalajrame.

Ne saw 1 things a love

Number line approach to solve slicing. Question.



Slicing morts well for -re indexes as well.

Using Step/Stride Value
& [short:shop=slep]
Slicing can accept a 3rd parameter
as well after Start and Shop.
This of box and box is called 8tal / Chido
Third parameter is called step/stride.
So, complete syntax is
& [Start: end: Step]
Step Value indicates how many character
to move forward ofter first character
is retrieved.
Default value +1 1 1 1
direction is impostant
of dim is the, end is (end-1)
If dix is -ve, end is (end +1)

Let's see sew example:

S='by thon'

&[0:5] &[0:5:1]

& Co:5:2]

& <u>[5:0]</u>

8 [5:0:-1]

& [5:0:-2]

2	things	Mylch	are.	clear	Jim	examples:
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1]	Magnihde	derimine	s ho	im wi	my &	reps .	We
	. have . to	s take	While	we	move	from	
	Start	to end.					

8 [-6:3:2]

