	i atatypes!
	List: Page: Date: / /
	List is one of the most frequently used & very versatile data. type in python.
	How to create:
	A list is created by placing all the items (element) inside square brackets II, separated by commas.
	It as have any no of items, & they may be different types (int, fleat, string etc.).
	Examples!
*	# empty list #list of integers. # list with mixed dol my-list = [] my-list = [1,2,3] my-list = [1,"Hii"]?
	A lut can also have another jut as an item. i.e. known as nested list.
	# nated list. my-list = ["movie", [846], [191].
7	K Arren clemente from a luti
	Ci)Lit index (ii)Negative Index.

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7		Page: Dote: 1 1				
		Dois: 1. 1.				
		List Index: We can use the index operator [] to acce				
	(1)	an item in alvt.				
1						
	\rightarrow	list having 5 elements will have an index from				
_		0104				
	→	Trying to arrest indexes other than there will raise an				
7.		an Index Exrox				
	-	The index must be an integer. Not float or any				
7	24	this will result in Type Foror				
_7						
-\ <u></u>		Fig: (1) A Irt indexing.				
7		E.d. (1) = [injexture]				
	ese iz Cilligage					
-	A Principle	# output: P				
7		Kosprint [lint [07]				
T:-		# output:] . / w/				
Ī-		point (list [1])				
	1	PSINIT CIBILITY				
<u> </u>		(II) # that Nested List.				
		[11] # THE METER THE!", [1,2,3]]				
		# Nested indexing				
-0,4		print (list [0], [is)				
		the point (list [1], [2])				
		12 stat (list [4.07) > Exrora (only Int.)				
-13 <u>-1</u>		O ,				
4		output:				
,		3				
		· · · · · · · · · · · · · · · · · · ·				

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CN Negative Indenty:	
-> Python allows - ye indexly for seq. -> The index of -1 refers to the last item, -3 item & so on.	a to the 2nd but
Ex: # Negative Indexing:	
bejut (1st [-1])	
print (hist Es [-3])	
H lengs 3	
Index 0 1 2	3
* Slice list: 10	
Me can access a range of items, in alist slicing operator. : (rolon).	by using the
Ex: # hot chicing.	
# elements Boldon 2nd to with	

00 Pot? [1] 1817

Page:

* Add or change elemente:

Mange an item.

Dx: A coexect witake to list.

change the list item.

print(044)

Output: [10, 2, 3, 4]

Add elements to list using appended or several debreate by extend () method

Ex. # appending & extending liste

point (odd)

odd. extend ([1, 2, 37)

C 1, 3, 4, 5, 7, 1, 2,3]

* Delete elementi Delete one or more et Henry from list wing del. or even alist entirely List = ['H', 171, 'T'] # delete one item del dist [2] print list ontont: [Hiti] * Python but mothed: append () .=) Add clement extend() => Ad all element Injert () => Injert element romover =) Remove element pop() => Demove & return " clear() =) Bemore all eler. index() =) Return the index count() => seturn the count of no sort() = sort item in ascending order. reveyel) & Reverse the order copy() > return a shallow ropy.