	LEGI_
	Chapter 4 - Lists and Tuples
benta	Python Lists are containers to store a set of values of any data type
estiq :	friends = ["Apple", "Akash", "Rohan", 7, false]  Stri)  Can store Value of any  datatyte
	List Indexing A list can be indexed just like a string
2	in mod L1 = log 7, 9, "Heiry" neont of styles
H. I.	$ \begin{array}{c c}  & 1 & 0 & \Rightarrow 7 \\  & 1 & 1 & \Rightarrow 9 \\  & 1 & 1 & \Rightarrow & \text{Error} \\  & 1 & 1 & \Rightarrow & \text{List Slicing} \end{array} $
(Uncil 1)	List Methods Consider the following list:
Latinos	L1 = $\begin{bmatrix} 1, 8, 7, 2, 21, 15 \end{bmatrix}$
7	11. Sort (): updates the list to [1, 2, 7, 8, 15, 21]
27	[1. reverse(): updates the list to [15, 2), 2, 7, 8, 1]
3,	L1. append (8): adds 8 at the end of the list
4,	L1. inscrt (3,8): This will add 8 at 3 index

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5,	L1. pop (2): Will delete element at index 2 and return its value
	its value
0	of the property of the control of the state
67	11. remove (21): Will remove 21 from the list.
hotz	Tuples in Python
	Tuples in Python  A tuple is an immutable data type in python.  Gannot change
1 30	balanced and temporal added a toll dead to
	a = () => Empty tuble
	$Q = (1) \Rightarrow \text{Empty tuble}$ $Q = (1, ) \Rightarrow \text{Tuble with only one element needs a common } Q = (1, 7, 2) \Rightarrow \text{Tuble with more than one element}$
1	a = (1) 7 2) = Tuble with more than one element
	Astronomic
1	Once defined a tuple's elements can't be altered or manipulated.
72.80	De Manipulate de quipe contrata vand de na vacce
TE.	: ald to complete and in
The sales	Tuble mathods
A	Tuple methods Consider the following tuple
	0- /1 1 2)
6	( - ( - ) T) P)
1.	a. (ount (1): a. (ount [1) will return number of times 1
17	occurs in a.
F1 -	Occasion with a c
2-	O. index (1): a. index (1) will return the index of first
-67	occurrence of 1 in a
	Occurred of I me my
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	EDGE
estan ze	Chapter 4- Practice Set
1	Write a program to store seven fruits in a list entered by the user.
2	Write a program to accept marks of 6 students and display them in a sorted manner
3 =	Check that a tuple samuet be changed in by then
4 /	Write a program to sum a list with 4
5 3	Write a program to count the number of zeros in the following tuple: $a = (7,0,8,0,0,9)$
l' M	The (ount (1): It (ount [1] will related months of Gen
tal	to enter off manufact (2) and section of the interest