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¥	lists and Typles
	Pkython lists are containers to store a set of value of any datatype.
· · ·	friends = "Apple", "Akash", "Twinkle", 7, False] can store value of any datatype
	datatype
	Lists Indexing A lists can be indexed just like a string
	L1 = [7,9,"Abhi"]
	L1[0] => 7 L1[1] => 9 L1[70] => Error L1[0:2] => [7,9] => List spring
	List Methods Consider the following list:
	L1 = [1,8,7,2,21,15]
1.	L1. sort(): updates the list to [1,2,7,8,15,21] L1. reverse(): updates the list to [15,21,2,7,8,1]
3,	(1. append (8): adds 8 at the end of the list
9.	C1.insert (3,8): This will add 8 at 3 index.

5. (1.pop(2): Will delete element at index 2 and return its value 6. L1. remove (21): will remove 21 from the list. Tuples in Python
A types is an immutable data type in python. cannot change q = () = # Empty tuple is a constant q = (1,) # Typle with only one element needs a comma.

q = (1,7,2) # Tuple with more than one element. Once defined a typle elements cant be altered or manipulated. Tuple methods consider the following tuple: Q = (1, 7, 2)1. q. count(1): q. count(1) will return number of times 1 accurs in q. q.index(1): q.index(1) will return the index of first occurrence of 1 in q.

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	Chapter 4 Practice Set
	Practice Set
<u>Q.1</u>	Idrite a program to store seven fruits in a list entered by the user.
0.2	Write a program to accept marks of 6 students and display them in a
Q.3	Stored manner. Check that a tuple cannot be changed
	in python.
Q.4	Write a program to sum a list with 4 numbers.
Δ.	
<u>Q.5</u>	drite a program to count the number. of zeros in the following tuple:
	q = (7,0,8,0,0,9)
	9- (10101013)