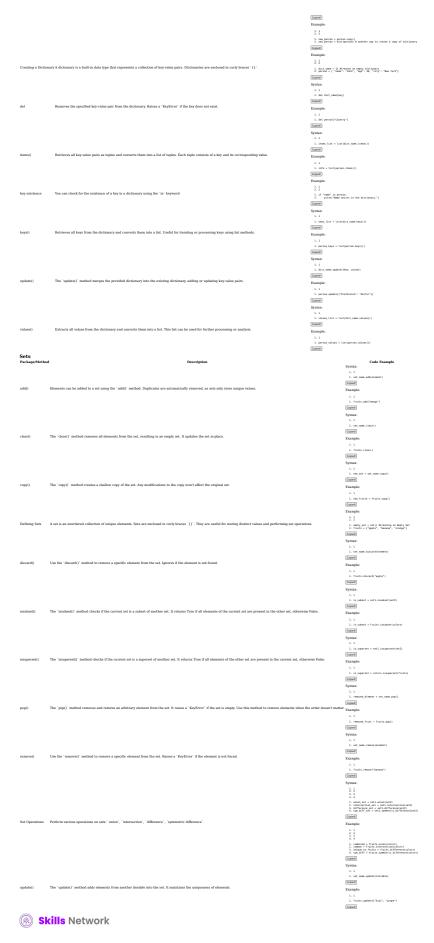


## Python Data Structures Cheat Sheet

List Package/Metho	d Description		Code Example
append()	The "appendit" method is used to add an element to the end of a list.		Systam:
copy()	The 'copy()' method is used to create a shallow copy of a list.		2. froit.aspeer(seept) print(froits) (Gogel) (Bassaphe 1: 1.1 2.2 3.3 3.4 3.4 3.5 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7
count()	The 'count()' matched in used to count the number of occurrences of a specific element in a list in Python.		Example:  1. 1 2. 2 3. 2 3. 2 1. m, list = {1, 2, 2, 2, 4, 2, 5, 2} 2. coint = m, list.coast(2) print(coast) 3. delegan 4 2. Cooler = {1, 2, 2, 2, 4, 2, 5, 2} 3. delegan 4 3.
Creating a list	A list is a holib in data type that represents an ordered and mutable collection of elements. Lists are enclosed in square brackets [] and elements are separated by comman.		Example:  1. 1  1. fruits = ("apple", "bassis", "erange", "mange")  (CODING)  Example:
del	The 'dal' statement is used to remove an element from list. 'dal' statement removes the element at the specified index.		1. 1 2. 2 2. 2 3. 2 3. 3 3. 4 (1) (1) (1) (1) (2) (3) (4) (6) (6) (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
extend()	The "extendit" method is used to add multiple elements to a list. If takes an iterable (such as another list, tuple, or string) and appends each element of the iterable to the original list.		1. 1   1.   1.   1.   1.   1.   1.   1.
Indexing	Indexing in a list allows you to access individual elements by their position. In Python, indexing starts from 0 for the first element and goes up to 'length, of Jist - 1'.		Communication of the Communica
insert()	The 'insert()' method is used to insert as element.		Symmet.  1. List, same.lister(lister, element)
Modifying a list	at. You can use indenting to modify or assign new values to specific elements in the list.		Connect: Example: 1.1 2.2 2.2 3.3 3.4 3.5 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7
			Company  1. 2. 2  2. 2  3. 3  4. 5  5. 7  1. mg/line (M, 2A, 2A, 6A, 6B)  2. more of columnia w mg/line apply a Pananese and reforms the element at looks 2  6. flower of columnia (M, 2A, 2A, 6A, 6B)  6. flower of columnia (M, 2A, 2A, 6A, 6B)  7. flower of columnia (M, 2A, 2A, 6A, 6B)  7. flower of columnia (M, 2A, 2A, 6A, 6B)
pop()	'popt' method is another way to remove an element from a list in Fython. It removes and returns the element at the specified index. If you don't provide an inde	x to the 'popO' method, it will remove and return the last element of the list by defa	Copied! ult Example 2:
			1. 1 2. 1   1   2   2   2   2   3   4   3. 2   3   3   2   2   2   3   4   3. 3   4   3   4   3. 4   5   5   5   4   6   6   6   6   5   7   7   7   5   7   7   6   7   7   6   7   7   6   7   7   6   7   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   6   7   6   7   6   6   7   6   6   7   6   6   7   6   6   7   6   6   7   6   7   6   6   7   6   6   7   6   6   7   6   6   7   6   6   6   6   6   6   7   7   7   7   7   7   7   7   7   7
remove()	To remove an element from a list. The 'remove()' method removes the first occurrence of the specified value.		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
reverse()	The 'reversed' method is used to reverse the order of shimsatis in a list		1. 1 2. 2 2. 2 3. 3 1. ng. litt = (1, 2, 2, 4, 5) 2. ng. litt = (1, 2, 2, 4, 5) 2. ng. litt = (1, 2, 2, 4, 5) 2. ng. litt = (1, 2, 2, 4, 5) 2. ng. litt = (1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
Slicing	Was can use alicing to access a range of elements from a list.		L. 1. List, consistent man destay)  Commit  List, consistent man destay)  List, consistent man destay
			10. 1   1   2   2   4   5   5   5   5   5   5   5   5   5
sort()			Example 1: 1: 1 2: 2 3: 3 3: 4 3: 4 3: 4 3: 4 4: 4
			1. 1 2. 2 2. 2 3. 4 4. 4 1. sy list = [5, 2, 5, 1, 5] 2. sy list surf(convention) 3. sy list surf(convention) 4. 6 August [3, 4, 5, 2, 1]  Copper
Dictionary Package/Meti		Code Example Syntax: 1. 1	
Accessing Value	Visc can access the values in a dictionary using their corresponding "lays".	1. Volum = dict_name("apname")  [Copen]  Example:  1. 1  2. 1	
Add or modify	Inserts a new key-value pair into the dictionary. If the key already exists, the value will be updated, otherwise, a new entry is created.	Goods Syntax  1  first_markey  = who  Goods  Example:  1  1  1  1	
ates =		1. person("Contry") = "Gat" # A now entry will be created. 2. person("City") = "Chicage" # Spains the existing value for the came key  Coppell  Synthac  1. 1  1. did, nome.clear()	
clear()	The 'close')' method empties the dictionary removing all key-value pairs within it. After this operation, the dictionary is still accessible and can be used further.	1. 1 1. grades.clear() Copiedi	
copy()	Creates a shallow copy of the dictionary. The new dictionary contains the same key-value pairs as the original, but they remain distinct objects in memory.	Syntax: 1. 1 1. new_dict = dict_name.copy()	

1 of 2 14/10/23, 16:45



2 of 2 14/10/23, 16:45