Cheat Sheet: Python Data Structures Part-2

Dictionari Package/Met		Code Example
	teury. A discinsery is a baile in data type that represents a solidation of key-value gains. Discinseries are unclosed in carrly brains ().	Example: 1.1 1. dir.come = () Efrants as empty dictionary 2. person = ("name": "3)don", "ngp": 30, "(12)": "New York") Capacity Systax:
Accessing Value	Nie can acuse the value in a dictionary using their corresponding to ye.	1. 1. 10 in - dict_nme("top_nme") Comm! Comm! 1. 1 1. 1 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 3
Add or modify	locarts a new key-what pair into the dictionary. If the key already easies, the value will be updated, etherwise, a new eary in created	1. dict_mam(be) value Companies Lampin La
del	Removes the specified key-sake pair from the dictionary. Believe a tenform if the key does not exist.	Commel L. in distrume(ky) Commel L. i. L. i. dispersed("Gastry") Commel
update()	The update() method margor the provided districtory into the existing districtory, adding or updating key-value pains.	System 1. 1 1. Cit_sum=opter((top: value)) Comme 1. 1 2. percon_uplica(('Verfractor': 'Sector')) Comme (Comme)
clear()	The clase () method empires the discissary, removing all key-what prior within it. After this operation, the discissary is still accessible and can be used further.	Systac.
key existence	You can clock the the existence of a key in a decisnary using the to keyword	Example: 1. 1 2. 1 3. 1 3. 16 "amam" is person: 2. print("mams exists in the dictionary.") Copused: System:
colid)	Coulou a ballow opp of the decisionsy. The new decisionsy contains the same key-value pains as the original, but they manus defined objects in recovery.	L. 1 Lesglist = dict_stame.capy() Comme Francyle L. 1 L. 2 L. new_person = person.capy() L. new_person = person.capy() L. new_person = dictylerson) y auction only to create a capy of dictions Computer Computer
keys()	Entiron all lays from the distinency and converts from into a lat. Until for intenting or proceeding lays using late methods.	
value()	Estants off values from the dictionary and converts them sites a liet. This list can be used for further processing or analysis.	Systec 1. 1 1. value_list = list(dist_num.value()) Comman Example 1. 1 1. pron_values = list(prum.value())
itens()	Retiron all key-take pain as taples and common them into a lot of taples. Each taple consists of a key and in corresponding value.	System
Sets		
Package/Metho add()	Denomine can be added to a set using the 'add') method. Diplicate are automatically removed, as sets only steer unique values.	Code Example 5)para: 1. 1
close()	The 'shorty' method numeroe all elements from the set, concling in an anapty set. It updates the set in-place.	System: 1. 1 1. vsrcomsclass() Compat Example 1. 1 1. resizeclass()/rids Compat
copy()	The 'orgy()' method creates a shallow copy of the set. Any modifications to the copy wart affect the original set.	System: 1. 1 1. no., set = set_mane.copy() Copped Example 1. 1 1. no., feelit = feelit.copy() Copped
Defining Sets	As at is an extended collection of unique observed. See no cockward in early factor "(); "They are world for earling distinct values and professing are operated."	Example: 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1. 2 1.
discard()	Use the decardly suched to remove a specific element from the set Lyanovs if the element is not found.	1. 1 1. er_jone_discret(jalenent) Comme Domople: 1. froits_discret('apple') Comme
isoabset()	The 'norbors') method checks if the current set in a solvent of another set. It returns True if all climates of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, otherwise if its limitation of the current set are present in the other set, of the other set, otherwise its limitation of the current set are present in the other set, of the other set, otherwise its limitation of the current set are present in the other set, of the other set, otherwise its limitation of the other set, otherwise its limitati	1. 1 1. is_subset = fruits.issubset(colors)
issuperset()	The 'seaponedy' and sold shades if the connect act is a reposed of mether set. It statuse from if all elements of the other set are proceed in the centert set, wherein	System: System:
pop()	The 'popt' method removes and extens an arbitrary classest from the set. It naives a 'Keyffern' if the set is coppy Due this method to more educates when the	System: 1. 1 remond_rlamant - ert_nime.pop() Common confer document i. 2 i remond_rlamant - ert_nime.pop() i. 2 i. remond_rlamat - fraint.pop()
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