Cheat Sheet: Python Data Structures Part-2

Dictionarie Package/Meth		Cede Example
Creating a Dicti	ency A dictionary is a built-in data type that represents a collection of key-value pairs. Dictionaries are enclosed in early braces ().	Example: 1. 1 2. 2 1. dit_name = () #Creates an empty dictionary 2. percio = { "name": "jabo", "aga": 36, "city": "New York")
		Capped
Accessing Value	• Vice on access the value in a decinary using their conceptuality tops.	Example: 1
Add or modify	lasers a nor key value gate into the decisionsy. Whe key already exists, the value will be updated, etherwise, a new entry is created.	1. dit(_man(sp) , white Growth 1. 1 1. prant(_fourtry') - "Nat" # A no entry all he created. 2. prant(_fourtry') - "Nat" # A no entry all he created. 2. prant(_fourtry') - "Natago" * square the mainting usins for the case # Growth Growth Growth System
del	Removes the qualified key-valor pair from the declinacy. Below a respiror of the key does not exist.	1. 1. noi dist_name[wy] Commil Commil 1. noi dist_name[wy] Commil 1. noi person("Comsty"] Commil
update()	The uniters; method energy the provided distinuous him the existing distinuous, salding or syntheting key-value pains.	System 1. 1 1. dit_man.update((by: value)) Gassell Lample 1. 1 person.update(('Profession': 'Nactor'')) Gassell
clos()	The Gase () method emption the distributes, removing all key-solar pairs within it. After this operation, the distributy is still accordate and can be used further	1. 1 1. grades.clear()
key existence	Visc can check for the existence of a key in a decisionary using the to keyword	Communication of the distance
copy()	Custon a dallow copy of the decisionery. The new dictionary contains the some key-volter pains as the original, but they constant defeats in memory.	1.1 neglist a dict_mass.copy() Copped Descript: 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.6 1.6 1.6 1.6 1.6
keyn()	Reviews dillarys from the distinuous and converts them into a lot. Undid for intending or processing keys using her methods.	Syman
value()	Extracts all values from the discinency and converts there size a let. This list can be used for further processing or analysis.	System 1. 1 1. **unbam_litet = list(dist_mane.valient()) (mone) Example 1. **press_values = list(press_values()) (mone)
items()	Retrieve all key-salse pains as taples and converts them into a lot of taples. Each taple consists of a key and its corresponding value.	Syste: 1. 1. 1. Item_list * list(filet_pass.tens()) Copen Dample: 1. list * list(green.tens()) Copen Copen Copen
Sets Package/Metho	d Description	Code Example
add()	Dimension has added to a strong the 'add') method. Deplicates are automatically amound, as not only done unique values.	System: 1. 1. vert_rame.add(classer) Compute
close()	The 'dust()' method manners all elements from the set, resulting in an outpry set. It replaces the set is place.	System: 1. 1 1. vet_man.class() Geografi Example: 1. 1 1. fvett_class()/RE/ Geografi Geografi
copy()	The 'egy(f)' method courins a shallow eggs of the set. Any modifications to the eggs work affect the original set.	
Defining Sets	A set is an unrelated collisation of unique distriction. Sales are enclosed in early braces "[]". They are world for storing districts values and performing we operation.	2. Set fruits = ("apple", "bahana", "orange") Copied! Syntax:
discard()	Use the 'decardly' method to recover a specific demont from the set. I gasers if the element is not fused.	1. 1 1. sr_mas_discret(classes) (Commit Domple 1. 1 1. fristd_discret(*apple*) (Commit
issubset()	The 'southest's method checks if the current set is a subset of mendour set. It notess Tree of all classics of the current set are present in the other set, otherwise Pre-	1. 1 1. is_subset = fruits.issubset(colors)
issuperset()	The 'uniquese()' method ducks if the cannot set in a separat of methor so. It status Tou if all determined for other set are present in the constant, otherwise	1. 1 1. St_superset = colors.lesuperset(fruits) (Expine) Syntax:
pop()	The 'popy' method removes and notes on arbitrary element from the set. It miss a "Keyferm" if the set is empty. Use the method to somes elements when the	1. 1 1. recoved_planent = cet_name.pop() Copiedi

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