

List Initialization

Empty	<code>list_name = []</code>
Non Empty	<code>list_name = [value, ...]</code>

Tuple/Set Initialization

Tuples	<code>tuple_name = (value, value, ...)</code>
Sets	<code>set_name = {value, value, ...}</code>

Dictionary Initialization

Empty	<code>dict_name = {}</code>
Non Empty	<code>dict_name = {key: value, ...}</code>

MISC

Sort	<code>list_name.sort()</code>
Reverse Sort	<code>list_name.reverse()</code>
Length	<code>len(list/set/dict/tuple)</code>
List of Tuples	<code>dict_name.items()</code>
List of Dict Keys	<code>dict_name.keys()</code>
List of Dict Values	<code>dict_name.values()</code>
Count	<code>tuple_name.count(value)</code>
Diff of One Set	<code>set_1.difference(set_2)</code>
Diff of Two Sets	<code>set_1.union(set_2)</code>
Common Values	<code>set_1.intersection(set_2)</code>

Add/Change/Access Lists

Add By Index	<code>list_name.insert(index, value)</code>
Add To End	<code>list_name.append(value)</code>
Add Multiple	<code>list_name.extend(items)</code>
Get By Index	<code>item = list_name[index]</code>
Get Index	<code>num = list_2.index(value)</code>
Change	<code>list_name[index] = value</code>
Copy	<code>list_2 = list_name.copy()</code>

Add/Change/Access Dictionaries

Add	<code>dict_1[key] = value</code>
Copy	<code>dict_2 = dict_1.copy()</code>
Combine	<code>dict_1.update(dict_2)</code>
Change	<code>dict_1[existing key] = value</code>
Value of Key	<code>dict_1.get(key)</code>

Add/Change/Access Tuples/Sets

Add	<code>set_name.add(value)</code>
Add Multiple	<code>set_name.update([value, value, ...])</code>
Index of Value	<code>tuple_name.index(value)</code>
Get by Index	<code>tuple_name[index]</code>

Delete Collection

Lists	<code>del list_name</code>
Sets	<code>del set_name</code>
Tuples	<code>del tuple_name</code>
Dictionaries	<code>del dictionary_name</code>

Delete By Index

Lists	<code>list_name.pop(index)</code>
	<code>del list_name[index]</code>

Delete By Name

Lists	<code>list_name.remove(value)</code>
Sets	<code>set_name.remove(value)</code>
	<code>set_name.discard(value)</code>
Dictionaries	<code>dict_name.pop(key)</code>
	<code>del dict_name[key]</code>

Delete Contents

Lists	<code>del list_name[:]</code>
Dictionaries	<code>dict_name.clear()</code>
Sets	<code>set_name.clear()</code>



By **CoderCrystin** (crystinvw)
cheatography.com/crystinvw/

Published 1st April, 2019.
Last updated 1st April, 2019.
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