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Python - Set Methods

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- Python Variables
- Python Data Types
- Python Numbers
- Python Casting
- Python Strings
- Python Booleans
- Python Operators
- Python Lists
- Python Tuples
- Python Sets

- Python Sets
- Access Set Items
- Add Set Items
- Remove Set Items
- Loop Sets
- Join Sets

[Set Methods](#)[Set Exercises](#)

- Python Dictionaries
- Python If...Else
- Python Match
- Python While Loops

Python has a set of built-in methods that you can use on sets.

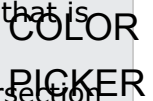
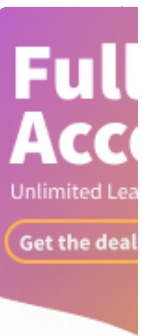
Method	Shortcut	Description
<u>add()</u>		Adds element to the set
<u>clear()</u>		Removes all elements from the set
<u>copy()</u>		Returns a copy of the set
<u>difference()</u>	-	Returns a set containing the difference between two or more sets

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Python For Loops
 Python Functions
 Python Lambda
 Python Arrays
 Python Classes/Objects
 Python Inheritance
 Python Iterators
 Python Polymorphism
 Python Scope
 Python Modules
 Python Dates

<u>difference_update()</u>	<code>-=</code>	Removes the items in this set that are a subset of another set specified.
<u>discard()</u>		Removes a specified item from the set.
<u>intersection()</u>	<code>&</code>	Returns a set, that is the intersection of two other sets.
<u>intersection_update()</u>	<code>&=</code>	Removes the items in this set that are not present in other, specified set(s).
<u>isdisjoint()</u>		Returns whether two sets have a intersection or not
<u>issubset()</u>	<code><=</code>	Returns whether another set contains this set or not
	<code><</code>	Returns whether all items in this set is present in other, specified



		set(s)
<u>issuperset()</u>	\supseteq	Returns whether this set contains another set or not
	\supset	Returns whether all items in other, specified set(s) is present in this set
<u>pop()</u>		Removes an element from the set
<u>remove()</u>		Removes the specified element
<u>symmetric_difference()</u>	$\hat{^}$	Returns a set with the symmetric differences of two sets
<u>symmetric_difference_update()</u>	$\hat{^} =$	Inserts the symmetric differences from this set and another
<u>union()</u>	$ $	Return a set containing the union of sets
<u>update()</u>	$ =$	Update the set with the union of this set and others

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