# **Python - Set Methods**

## **Set Methods**

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

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| **Method** | **Description** |
| [add()](https://www.w3schools.com/python/ref_set_add.asp) | Adds an element to the set |
| [clear()](https://www.w3schools.com/python/ref_set_clear.asp) | Removes all the elements from the set |
| [copy()](https://www.w3schools.com/python/ref_set_copy.asp) | Returns a copy of the set |
| [difference()](https://www.w3schools.com/python/ref_set_difference.asp) | Returns a set containing the difference between two or more sets |
| [difference\_update()](https://www.w3schools.com/python/ref_set_difference_update.asp) | Removes the items in this set that are also included in another, specified set |
| [discard()](https://www.w3schools.com/python/ref_set_discard.asp) | Remove the specified item |
| [intersection()](https://www.w3schools.com/python/ref_set_intersection.asp) | Returns a set, that is the intersection of two other sets |
| [intersection\_update()](https://www.w3schools.com/python/ref_set_intersection_update.asp) | Removes the items in this set that are not present in other, specified set(s) |
| [isdisjoint()](https://www.w3schools.com/python/ref_set_isdisjoint.asp) | Returns whether two sets have a intersection or not |
| [issubset()](https://www.w3schools.com/python/ref_set_issubset.asp) | Returns whether another set contains this set or not |
| [issuperset()](https://www.w3schools.com/python/ref_set_issuperset.asp) | Returns whether this set contains another set or not |
| [pop()](https://www.w3schools.com/python/ref_set_pop.asp) | Removes an element from the set |
| [remove()](https://www.w3schools.com/python/ref_set_remove.asp) | Removes the specified element |
| [symmetric\_difference()](https://www.w3schools.com/python/ref_set_symmetric_difference.asp) | Returns a set with the symmetric differences of two sets |
| [symmetric\_difference\_update()](https://www.w3schools.com/python/ref_set_symmetric_difference_update.asp) | inserts the symmetric differences from this set and another |
| [union()](https://www.w3schools.com/python/ref_set_union.asp) | Return a set containing the union of sets |
| [update()](https://www.w3schools.com/python/ref_set_update.asp) | Update the set with the union of this set and others |