



Python - Remove Set Items

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Remove Item

To remove an item in a set, use the `remove()`, or the `discard()` method.

Example

Remove "banana" by using the `remove()` method:

```
thisset = {"apple", "banana", "cherry"}  
  
thisset.remove("banana")  
  
print(thisset)
```

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Note: If the item to remove does not exist, `remove()` will raise an error.

Example

Remove "banana" by using the `discard()` method:

```
thisset = {"apple", "banana", "cherry"}  
  
thisset.discard("banana")  
  
print(thisset)
```

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Note: If the item to remove does not exist, `discard()` will **NOT** raise an error.

You can also use the `pop()` method to remove an item, but this method will remove the *last* item. Remember that sets are unordered, so you will not know what item that gets removed.

The return value of the `pop()` method is the removed item.

Example

Remove the last item by using the `pop()` method:

```
thisset = {"apple", "banana", "cherry"}  
  
x = thisset.pop()  
  
print(x)  
  
print(thisset)
```

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Note: Sets are *unordered*, so when using the `pop()` method, you do not know which item that gets removed.

Example

The `clear()` method empties the set:

```
thisset = {"apple", "banana", "cherry"}  
  
thisset.clear()  
  
print(thisset)
```

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Example

The `del` keyword will delete the set completely:

```
thisset = {"apple", "banana", "cherry"}  
  
del thisset  
  
print(thisset)
```

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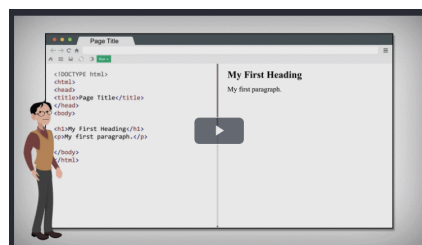
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