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Python Sets

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Set

A set is a collection which is unordered and unindexed. In Python sets are written with curly brackets.

Example

Create a Set:

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

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Note: the set list is unordered, so the items will appear in a random order.

The set() Constructor

It is also possible to use the `set()` constructor to make a set. You can use the `add()` object method to add an item, and the `remove()` object method to remove an item from

the set. The `len()` function returns the size of the set.

Example

Using the `set()` constructor to make a set:

```
thisset = set(("apple", "banana", "cherry")) # note the double round-  
brackets  
print(thisset)
```

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Example

Using the `add()` method to add an item:

```
thisset = set(("apple", "banana", "cherry"))  
thisset.add("damson")  
print(thisset)
```

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Example

Using the `remove()` method to remove an item:

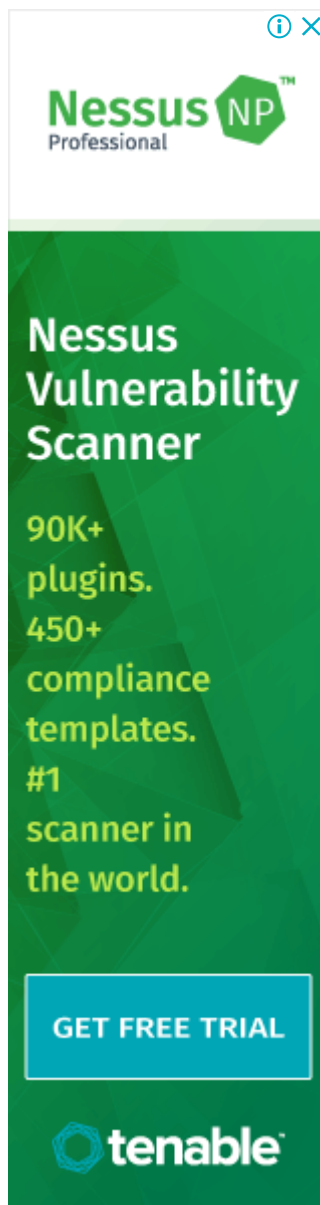
```
thisset = set(("apple", "banana", "cherry"))  
thisset.remove("banana")  
print(thisset)
```

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Example

Using the `len()` method to return the number of items:

```
thisset = set(("apple", "banana", "cherry"))  
print(len(thisset))
```

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