# Sets

July 13, 2024

```
[1]:  # Create a set
      set = {'abc', 'xyz'}
```

```
[2]:  # Add 'banana' to the set
      set.add('banana')
      set
```

```
[2]:  {'abc', 'banana', 'xyz'}
```

```
[3]:  # Remove 'abc' from the set
      set.remove('abc')
      set
```

```
[3]:  {'banana', 'xyz'}
```

```
[4]:  # Remove a random element from the set
      set.pop()
      set
```

```
[4]:  {'xyz'}
```

```
[5]:  # Display the union of set and {'xyz', 44}
      set.union({'xyz', 44})
```

```
[5]:  {44, 'xyz'}
```

```
[6]:  # Display the intersection of set and {'xyz', 44}
      set.intersection({'xyz', 44})
```

```
[6]:  {'xyz'}
```