in

`in` is used to test if a sequence (list, tuple, string etc.) contains a value. It returns `True` if the value is present, else it returns `False`. For example:

```
>>> a = [1, 2, 3, 4, 5]
>>> 5 in a
True
>>> 10 in a
False
```

The secondary use of `in` is to traverse through a sequence in a `for` loop.

```
for i in 'hello':
    print(i)
```

Output

```
h
e
l
l
o
```