

Strings - Membership Operators

This notebook introduces the membership operators.

1. in -- Evaluates to true if it finds a value in the specified sequence and false otherwise.
2. not in -- Evaluates to true if it does not finds a value in the specified sequence and false otherwise.

In [2]:

```
'''
The "in" operator can be used to check whether or not a string (string1) contains another string (
string2).
It returns True if it is there and False if it is not
'''
game = 'basketball'
print('k' in game)      # Will return True
print('K' in game)      # Will return False
print('kat' in game)    # Will return False
print('ket' in game)    # Will return True
```

```
True
False
False
True
```

In [3]:

```
'''
The "not in" operator is similar to the "in" operator. However, it returns False if string1 conta
ins string2
and returns True only if string1 does not contain string2
'''
game = 'basketball'
print('k' not in game)  # Will return False
print('K' not in game)  # Will return True
print('kat' not in game) # Will return True
print('ket' not in game) # Will return False
```

```
False
True
True
False
```