Method 1: Using in Operator

In [2]:

```python
string = "Python coding day"
substring = "Python"

if substring in string:
    print("Found the substring")
else:
    print("Not Found")
```

Found the substring

Method 2: Using find() method

In [3]:

```python
string = "Python coding day"
substring = "Python"

if string.find(substring) != -1:
    print("Found the substring")
else:
    print("Not Found")
```

Found the substring

Method 3: Using index() method

In [10]:

```python
string = "Python coding day"
substring = "Python"

try:
    string.index(substring)
except ValueError:
    print("Not Found")
else:
    print("Found the substring")
```

Found the substring

Method 4: Using count() method

In [7]:

```python
string = "Python coding day"
substring = "Python"

if string.count(substring) > 0:
    print("Found the substring")
else:
    print("Not Found")
```

```
Found the substring
```

Method 5: Using REGEX

In [9]:

```python
from re import search

string = "Pythoncodingday"
substring = "Python"

if search(substring, string):
    print("Found the substring")
else:
    print("Not found")
```

```
Found the substring
```

In [ ]:

```python

```