

#SearchforpatentmatchanywhereinstantlyreturnNonifnotfound

re.search(r'(\w+)(\w+)') "Isaac Newton, Physicist"

m.groupp0# 'IsaacNewton' - the entire match

1# 'Isaac' - first parenthesized subgroup

2# 'Newton's second parent's biggest group

#Matchpatternagainstartofstring;returnNoneifnotfound

re.match(r'(?P<fname>\w+)(?P<lname>\w+)''Ma1c1mReyn1lds'

m.group['fname'>#>'Malc olm']

'lnname' #=> 'Reynolds'

re — Regular expression operations

```
# Search for pattern match anywhere in string; return None if not found
```

```
m = re.search(r"(\w+) (\w+)", "Isaac Newton, Physicist")
```

```
m.group(0)    # "Isaac Newton" – the entire match
```

```
m.group(1)    # "Isaac" – first parenthesized subgroup
```

```
m.group(2)    # "Newton" – second parenthesized subgroup
```

```
# Match pattern against start of string; return None if not found
```

```
m = re.match(r"(?P<fname>\w+) (?P<lname>\w+)", "Malcolm Reynolds")
```

```
m.group('fname')    # => 'Malcolm'
```

```
m.group('lname')    # => 'Reynolds'
```

re — Regular expression operations