search() and match()

In [1]:
```
import re
```

In [2]:
```
pattern=r'10*'
print(re.search(pattern,'abcd1000'))
```

```
<re.Match object; span=(4, 8), match='1000'>
```

In [5]:
```
pattern=r'10*'
print(re.match(pattern,'1000abcd1000'))
```

```
<re.Match object; span=(0, 4), match='1000'>
```

In [6]:
```
pattern=r'\w{8}'
print(re.search(pattern,'This is python tutorial'))
```

```
<re.Match object; span=(15, 23), match='tutorial'>
```

In [8]:
```
pattern=r'\w{8}'
print(re.match(pattern,'tutorial This is python tutorial'))
```

```
<re.Match object; span=(0, 8), match='tutorial'>
```

search() and findall()

In [9]:
```
pattern=r'\w{8}'
print(re.search(pattern,'This is python tutorial tutorial tutorial'))
```

```
<re.Match object; span=(15, 23), match='tutorial'>
```

In [11]:
```
pattern=r'\w{8}'
print(re.findall(pattern,'This is python tutorial tutorial tutorials'))
```

```
['tutorial', 'tutorial', 'tutorial']
```

In [12]:
```
pattern=r'\b\w{8}\b'
print(re.findall(pattern,'This is python tutorial tutorial tutorials'))
```

```
['tutorial', 'tutorial']
```

sub()

In [13]:
```
pattern=r'[,.\s]'
print(re.sub(pattern,';',' ,d,y,u. .d'))
```

```
;;d;y;u;;;d
```

In [ ]:
```
1
```