

$\text{regex} = \text{'.'}$

(?ignore)

$\text{re.search}(\text{regex}, \text{"I am apple"})$

First
occurrence of
the pattern.

$\text{span} = (0, 1)$
 $\text{match} = \text{"I"}$

HE. search('man', "12345mango")

	1	2	3	4	5	m	a	n	g	o
	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
						✓	✓	✓		

span(5, 8)
match = 'man'

: # '*' means occurrence of the previous thing 0 or more no of times.'

```
list_of_strings = ['apple', 'ABACUS', '1234', '!@#%']  
regx = '[A-Z]*'  
for word in list_of_strings:  
    print(re.search(regx, word))
```

```
<re.Match object; span=(0, 0), match=''>  
<re.Match object; span=(0, 6), match='ABACUS'>  
<re.Match object; span=(0, 0), match=''>  
<re.Match object; span=(0, 0), match=''>
```

