

```
re.search(pattern, string, flags=0)
```

Here is the description of the parameters:

Parameter	Description
pattern	This is the regular expression to be matched.
string	This is the string, which is searched to match the pattern anywhere in the string.
flags	You can specify different flags using bitwise OR (). These are modifiers, which are listed in the table below.

The *re.search* function returns a match object on success, none on failure. We use *group(num)* or *groups()* function of match object to get matched expression.

Match Object Methods	Description
group(num=0)	This method returns entire match (or specific subgroup num).
groups()	This method returns all matching subgroups in a tuple (empty if there weren't any).

Example

```
#!/usr/bin/python
import re

line = "Cats are smarter than dogs";

searchObj = re.search( r'(.*) are (.*?) .*', line, re.M|re.I)

if searchObj:
    print "searchObj.group() : ", searchObj.group()
```