

```
print "searchObj.group(1) : ", searchObj.group(1)
print "searchObj.group(2) : ", searchObj.group(2)
else:
    print "Nothing found!!"
```

When the above code is executed, it produces following result:

```
matchObj.group() :  Cats are smarter than dogs
matchObj.group(1) :  Cats
matchObj.group(2) :  smarter
```

Matching Versus Searching

Python offers two different primitive operations based on regular expressions: **match** checks for a match only at the beginning of the string, while **search** checks for a match anywhere in the string (this is what Perl does by default).

Example

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

line = "Cats are smarter than dogs";

matchObj = re.match( r'dogs', line, re.M|re.I)
if matchObj:
    print "match --> matchObj.group() : ", matchObj.group()
else:
    print "No match!!"

searchObj = re.search( r'dogs', line, re.M|re.I)
if searchObj:
```

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