```
else:
  print "Nothing found!!"
```

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

searchObj.group() : Cats are smarter than dogs

searchObj.group(1) : Cats

searchObj.group(2) : smarter

Lab Assignments

SET A

1. Write a Python program to demonstrate the zero division error and overflow error.
2. Write a Python program to find sequences of lowercase letters joined with a underscore
3. Write a python program to Check if String Contain Only Defined Characters using Regex

SET B

1. Write a Python program to match a string that contains only upper and lowercase letters, numbers, and underscores. Write a Python program to raised the attribute error, if attribute class object has no attribute with the name attribute.
2. Write a python Program to Remove duplicate words from Sentence
3. Write a python to| Remove all characters except letters and numbers

PROGRAMS FOR PRACTICE:

1. Write a python program to Count Uppercase, Lowercase, special character and numeric values using Reg
2. Write a python program to find the most occurring number in a string using Regex
3. Write a python Regex to extract maximum numeric value from a string
4. Write a python program to put spaces between words starting with capital letters using Regex
5. Write a python to Check whether a string starts and ends with the same character or not
6. Write a python regex to find sequences of one upper case letter followed by lower case letters
7. Write a python Regex program to accept string ending with alphanumeric character
8. Write a python Regex program to accept string starting with vowel
9. Write a python Program to check if a string starts with a substring using regex
10. Write a python Program to Check if an URL is valid or not using Regular Expression
11. Write a python Program to Parsing and Processing URL using Python – Regex
12. Write a python Program to validate an IP address using ReGex