Regex :

**What is Regular Expressions Regex?**

Regular Expressions are a string of characters that express a search pattern. Often abbreviated as Regex or Regexp. It is especially used to find or replace words in texts. In addition, we can test whether a text complies with the rules we set.  
  
For example, let's say you have a list of filenames. And you only want to find files with the pdf extension. Following typing an expression ^\w+\.pdf$ will work. The meaning of the definitions in this expression will become clearer as the steps progress.

readme.md  
document.pdf  
image.png  
music.mp4  
manual.pdf

/^\w+\.pdf$/gm

Output:

readme.md  
document.pdf  
image.png  
music.mp4  
manual.pdf

## Basic Matchers

The character or word we want to find is written directly. It is similar to a normal search process. For example, to find the word curious in the text, type the same.

“I have no special talents. I am only passionately curious.”  
  
― Albert Einstein

/Curious/gm

## Dot .: Any Character

The period . allows selecting any character, including special characters and spaces. Type a period . in the Regex field to proceed.

abcABC123 .:!?

/./g

## Character Sets [abc]

If one of the characters in a word can be various characters, we write it in square brackets [] with all alternative characters. For example, to write an expression that can find all the words in the text, type the characters a, e, i, o, u adjacently within square brackets [].

bar ber bir bor bur

/b[aeiou]r/g

