

# Regex useful for this lab experience

First of all, the regex is used inside the pcre field, like the following:

... pcre: "/regex/flag"; ...

Examples:

- **/hello/** → matches the string "hello"
- **/\d/** → matches all the digits
- **/\n/** → matches a new line
- **/./** → matches any character except the line terminator character (which is \)
- **/.{0,15}/** → matches from 0 to 15 occurrences of any character
- **/\w/** → matches any word character (equal to [a-zA-Z0-9\_])
- **/beef\+%27/** → matches the string "beef+%11". You need to escape some special characters like + or ', using the character \
- **/[a-z]\*2019\$/** → matches any number (\*) of chars between 'a' and 'z', ending with 2019 (\$ is the special character to identify the end of the string)
- **/^{3}2019/** → matches 2019 after any 3 symbols from the start of the string (^ is the special character to identify the start of a string)
- **/ciao|miao/** → matches the string "ciao" or "miao"

Then, after the regex, you can add one or more of the following flags:

- **i** → means case-insensitive

- **g** → means find many of this regex, do not stop after the first match
- **x** → ignore white spaces

Remember that some special characters might be encoded in html!

HTML encoding:

< → %3C

= → %3D

> → %3E

" → %22

' → %27

| → %7C

Some characters need to be escaped with \

. → \.

| → \|

' → \'

\ → \\

... and other that are part of the syntax.