## Regex between 2 strings :

(?<=one).*?(?=four)

one two three four will output two three

## Return whole string if it contains any of substrings :

^.*(person|server).*$

"this person is cool" returns "this person is cool"; "this banana is yellow" returns ""

## Doesn't Contain any of these :

^((?!.*(server|choco).*).)*$; Returns the complete string if that string contains any of the words(or strings) in the regex

"vanil stick" will return vanil stick; "server one" will not return; ^((?!.*server.*).)*$ example with one word or string

## Surname (2nd word) *(Regex)*:

\\s+[^\\s]+

Mister meeseeks

## Number :

\\d+(\\.\\d+)?

20.05

## Url :

[A-Za-z0-9.-]+\\.[A-Za-z]{2,6}

yotamarker.com

## IP address :

([0-9].){4}[0-9]*

10.10.10.126

## Phone num starting with 0 *(Regex)*:

[0]\\d{9}

## Repeated word *(Regex)*:

\\b([\\w\\s']+) \\1\\b

one two two three returns two two

**Integer** *(Regex)*:

[-+]?[0-9]{1,13}

155 is an integer

**Double number :**

[-+]?[0-9]*[.,][0-9]*

155.345

**Full date :**

[0-9]{1,4}/[0-9]{1,2}/[0-9]{1,2} [0-9]{1,2}:[0-9]{1,2}:[0-9]{1,2}

01/11/23 12:11:03

**Simple time stamp :**

[0-9]{1,2}:[0-9]{1,2}

11:12

**Time stamp :**

[0-9]{1,2}:[0-9]{1,2}:[0-9]{1,2}

12:08:20

**Email** *(Regex)*:

[A-Z0-9a-z._%+-]+@[A-Za-z0-9.-]+\\.[A-Za-z]{2,6}

**Any string** *(Regex)*:

^.+$

**Metachar +** *(Metacharacter)*:

Contain 1 or more of char

ab+c abbc, abbbc contains 1 or more of b in this case

**Metachar *** *(Metacharacter)*:

Contain 0 or more of char

ab*c ac, abbc, abbbc contains 0 or more of b in this case

**Metachar ? Maybe** *(Metacharacter)*:

Contain 0 or 1

ab?c ac, abc contains 0 or 1 of b in this case

**Metachar (...) group** *(Metacharacter)*:

Logical grouping of part if an expression

[a-z]+(ing) eating, sleeping

## Metachar [...] matchables *(Metacharacter)*:

a[bB]c abc,aBc

## Metachar {...} quantifier *(Metacharacter)*:

Explicit quantifier notation

ab{2}c abbc

## Metachar | alternation *(Metacharacter)*:

Alternation, or

apple|banana i ate an apple, i want a banana

## Metachar . *(Metacharacter)*:

Any character

a.c abc, a1c, acc

## Metacharacter $ *(Metacharacter)*:

End of string

abc$ abc,endinabc,123abc

## Metachar ^ *(Metacharacter)*:

Start of string

^abd abc, abdcdefg, abc 123