Regular Expression Notes

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# Question 1

Write your regular expression here:

/win/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

You can search for a substring.

# Question 2

Write your regular expression here:

/wh/i

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

/i flag means ignore case.

# Question 3

Write your regular expression here:

/w|dined/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

The | symbol acts as an or. In this case, the expression searches for either ‘w’ or ‘dined’.

# Question 4

Write your regular expression here:

/it|of|up|if|in/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

You can simultaneously search for any number of expressions.

# Question 5

Write your regular expression here:

/e.e/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

. = any char not newline

# Question 6

Write your regular expression here:

/..l/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

The matches cannot overlap ☹ the thingy munches the string from left to right so there’s no characters before the second l in all.

# Question 7

Write your regular expression here:

/i.?e/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

? after a token means that the immediately preceding token is optional (there is either 0 or 1).

# Question 8

Write your regular expression here:

/in.?.?.?d/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

The regular expression engine is greedy by default and will get the larger match instead.

# Question 9

Write your regular expression here:

/w.\*in.\*d/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

\* any amount including 0

# Question 10

Write your regular expression here:

/the.\*y/s

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

The ‘s’ flag means Dot All which means the dot in the regex matches newlines as well as any other character.

# Question 11

Write your regular expression here:

/w.\*?in.\*?d/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

The question mark makes the preceding quantifier ungreedy.

# Question 12

Write your regular expression here:

/the.\*?y/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

N/A

# Question 13

Write your regular expression here:

/the.+?y/s

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

+ quantifier means any amount but at least one.

# Question 14

Write your regular expression here:

/a.+b|b.+?c|c.+?d|d.+?e/

Highlight the matches on this text:

While inside they wined and dine**d, safe** from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why in**dee**d should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 15

Write your regular expression here:

/[wd]ine?d/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

You can specify your own character class by using [] and putting tokens inside.

# Question 16

Write your regular expression here:

/[aeiou][aeiou]/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 17

Write your regular expression here:

/^[while “end.”]+/im

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

m is multiline flag

^ anchor specifies beginning of string or (beginning of line with //m flag).

$ anchor specifies end of string or (end of line with //m flag). Not a muncher.

# Question 18

Write your regular expression here:

/[the downtrodden]\*..?$/m

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 19

Write your regular expression here:

/\w\*[aeiou][aeiou]\w\*/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

[^w] anything that is NOT ‘w’ (caret has to be first thing in character class)

[A-Z] range of all capital letters A through Z (dash cannot be first thing in character class to create a range)

Word character : \w =[A-Za-z0-9\_]

# Question 20

Write your regular expression here:

/\w+[.,?”]/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 21

Write your regular expression here:

/\w\*?a.\*?e.\*?i.\*?o.\*?u.\*?\w\*/si

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 22

Write your regular expression here:

/\bw\w{3,}/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

{} custom quantifier of characters

* {5} exactly 5 characters
* {2, 3} exactly 2 or 3 characters
* {2, } exactly 2 or more characters
* {, 3} exactly 3 or less characters

Boundary is \b

A word boundary is the space between a word character and a non-word character

In the string “Don’t!” there are 4 word boundaries:

Between the start of the string and the D, the n and the ‘, the ‘ and the t, and the t and the !

# Question 23

Write your regular expression here:

/\b[wdien]+\b/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 24

Write your regular expression here:

/[wdien]+/

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 25

Write your regular expression here:

/\b\w\*?[bcdfghjklmnpqrstvwxyz]+\w\*[bcdfghjklmnpqrstvwxyz]+\w\*?\b/i

Explain any new techniques learned from this question here:

\d = [0-9]

\s = whitespace

# Question 26

Write your regular expression here:

/\b[1-9]\d\*[02468]\b|\b[2468]\b/

Explain any new techniques learned from this question here:

# Question 27

Write your regular expression here:

/\b[0]\b|\b[1-5]\d\b|\b[6][0-3]\b/

Explain any new techniques learned from this question here:

# Question 28

Write your regular expression here:

Explain any new techniques learned from this question here:

# Question 29

Write your regular expression here:

/\w\*n\w\*d\w\*[.,?”]?\s+\w\*n\w\*d\w\*/si

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here:

# Question 30

Write your regular expression here:

/\w\*w[^w]\*?w\w\*/i

Highlight the matches on this text:

While inside they wined and dined, safe from the howling wind.

And she whined, it seemed, for the 100th time, into the ear of her friend,

"Why indeed should I wind the clocks up, if they all run down in the end?"

Explain any new techniques learned from this question here: