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:

Literal character search.

# 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:

The i modifier finds instances of the specified characters regardless of 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 pipe represents an or. Finds the pattern on the right or left

# 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:

Same as #3

# 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:

A period token can represent any single character

# 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:

Regex looks at characters after a match not including the characters in the match. For instance, in “all”, after finding “ al”, the expression starts to look at “l.r”. Munching.

# 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:

The question mark quantifiers means that the character preceding the question mark(“.” In this case, so any character) does not have to appear, but can appear once.

# 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:

When optional, the longest match is found instead of the shorter ones. Quantifiers are greedy. Question mark tries to get one of the preceding characters.

# 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:

The asterisk allows for any number of intermediate characters, but is greedy like the question mark.

# 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:

Modifier s is dot all, and accepts a new line character which is not accepted by a plain period.

# Question 11

Write your regular expression here:

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

A question mark following a quantifier makes that quantifier ungreedy. Ungreedy means the first match found from left to right.

# 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:

Same as 11

# 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:

The + means any number of the preceding token greater than 0; it is by default greedy but can be modified by “?”

# 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 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:

Same as 13.

# 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:

The bracketed list is like a period but only for a single characters in the list

# 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:

Same as 15

# 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:

^=beginning of line/string, string by default

$=end of line/string, string by default

m=multiline, modifies behavior of $ and ^ to act on the line instead of the string

# 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:

$ is from the end

# 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 means any word character(i.e letters, digits, and underscores)

# 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:

Same as 19

# Question 21

Write your regular expression here:

/\bw\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:

* \b=word boundary; anchors to any location with a word character on one side and a non-word character on the other side; also to the very beginning or end of a string

# Question 22

Write your regular expression here:

/\b\w\*?a.\*?e.\*? i.\*? o.\*? u\w\*/is

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:

Goes from the start of the first word with an a in it, then traverses the string until all of the vowels are found in order

# Question 23

Write your regular expression here:

/\w{6,}/

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:

* {a,b} is a custom quantifier that is inclusive of a and b.{3,5} is 3,4, or 5. {3} is 3. {,5} is at most 5. {3,} is at least 3.

# Question 24

Write your regular expression here:

/\b\w\*[den]{2,3}\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:

The characters have to be consecutive.

To match a period, you can either make a character class or do \.

Exceptions in character class are – and ^.- specifies a range of ascii values. The ^ (only when it is the first value in the character class) negates, or means any character except those in the character class.

# Question 25

Write your regular expression here:

/ \w\*[b-df-hj-np-tv-z]\w\*[ b-df-hj-np-tv-z]\w\*/i

Explain any new techniques learned from this question here:

Finds all of the words with 2+ consonants

# Question 26

Write your regular expression here:

/\b[1-9][0-9]\*[24680]\b|\b[24680]+\b/

Explain any new techniques learned from this question here:

Finds even positive integers.

\d is a digit

\s is white space(space, tab, new line)

# Question 27

Write your regular expression here:

/\b6[0-3]\b|\b[1-5]\d\b|\b\d\b/

Explain any new techniques learned from this question here:

Finds integers between 0 and 63.

# Question 28

Write your regular expression here:

/\b/d{3}-?/d{2}-?/d{4}\b/

Explain any new techniques learned from this question here:

Social Security number

# 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:

Finds two consecutive words that contain an n before a d

# 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:

Find all of the words in between two words containing a w