

Weekly Python Challenge 29

Question

The vertical bar | is the equivalent to "or" in RegEx. The regular expression x|y matches either "x" or "y". Write the regular expression that will match all red flag and blue flag in a string. You must use | in your expression. Flags can come in any order.

Examples

- txt1 = "red flag blue flag"
 - txt2 = "yellow flag red flag blue flag green flag"
 - txt3 = "pink flag red flag black flag blue flag green flag red flag"
 - pattern = "yourregexexpressionhere"
- re.findall(pattern, txt1) → ["red flag", "blue flag"]
 - re.findall(pattern, txt2) → ["red flag", "blue flag"]
 - re.findall(pattern, txt3) → ["red flag", "blue flag", "red flag"]

```
In [1]: import re
```

```
In [2]: txt1 = "red flag blue flag"
txt2 = "yellow flag red flag blue flag green flag"
txt3 = "pink flag red flag black flag blue flag green flag red flag"
pattern = "blue flag|red flag"
```

```
In [3]: re.findall(pattern, txt1)
```

```
Out[3]: ['red flag', 'blue flag']
```

```
In [4]: re.findall(pattern, txt2)
```

```
Out[4]: ['red flag', 'blue flag']
```

```
In [5]: re.findall(pattern, txt3)
```

```
Out[5]: ['red flag', 'blue flag', 'red flag']
```