

The background is a dark grey field filled with various mathematical symbols, numbers, and letters in different colors (yellow, blue, purple, red, green) and sizes. A white sine wave is drawn across the middle of the image. In the top left corner, there is a large purple semi-circle. In the bottom right corner, there is a large red semi-circle. A vertical dotted yellow line is positioned on the left side of the image.

# LESSON SPECIAL GROUPS: LOOKBEHIND

● ● ● SOURCE CODE

# LOOKAROUNDS

"Lookarounds are conditional zero-length or  
non-matching groups."

● ● ● SOURCE CODE

`\D(?=\d+\.\d+)`

`(?<=Mr\.)\w+`

ASSERTION PATTERNS

   SOURCE CODE

# POSITIVE LOOKAHEAD

"Matches whatever comes before  
the assertion pattern"

● ● ● SOURCE CODE

```
(?=\assertion pattern)
```

Groups > **Js** PositiveLookahead.js

REGULAR EXPRESSION

/

/g

OUTPUT

Today's Contributions:

€ 30.00

£ 15.00

\$ 25.00

¥ 1200.25

● ● ● SOURCE CODE

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£ 15.00

\$ 25.00

¥ 1200.25

Groups > **Js** PositiveLookahead.js

REGULAR EXPRESSION

```
/ \D(?= \d+ \. \d+ )
```

```
/g
```

OUTPUT

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\$ 25.00

¥ 1200.25



# NEGATIVE LOOKAHEAD

"Matches anything that's not preceded by  
the assertion pattern"

Groups > **Js** PositiveLookahead.js

REGULAR EXPRESSION

/

/g

OUTPUT

350ms

150ms

1s

440ms

20ms

Groups > **js** PositiveLookahead.js

REGULAR EXPRESSION

`/\d{1,3}(?!s)`

`/g`

OUTPUT

350ms

150ms

1s

440ms

20ms