

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

LESSON CAPTURING & NON-CAPTURING GROUPS

Groups > **Js** WorkingWithGroups.js

REGULAR EXPRESSION

/

/g

TEST STRING

– James Bond...

Groups > **Js** WorkingWithGroups.js

REGULAR EXPRESSION

/ \w+

/g

TEST STRING

— James Bond...

REGULAR EXPRESSION

/

/g

TEST STRING

- My name is Bond, James Bond James.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

Groups > **Js** WorkingWithGroups.js

REGULAR EXPRESSION

/ \w+

/g

TEST STRING

- My name is Bond, James Bond James.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

CHALLENGES

CAPTURING GROUPS

"By default, all groups are capturing groups"

REGULAR EXPRESSION

/(\w+),

/g

TEST STRING

- My name is Bond, James Bond.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

REGULAR EXPRESSION

`/(\w+),(\w+)`

`/g`

TEST STRING

- My name is Bond, James Bond.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

REGULAR EXPRESSION

```
/(\w+),(\w+) \1/g
```

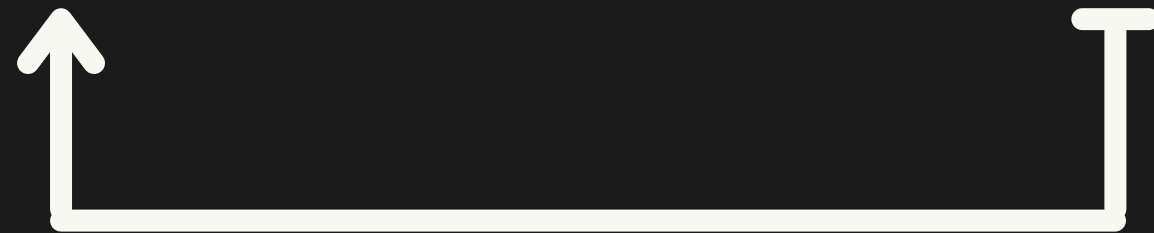
TEST STRING

- My name is Bond, James Bond.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

● ● ● SOURCE CODE

Bond, James Bond

(\w+), (\w+) \1



Bond == Bond

REGULAR EXPRESSION

```
/(\w+),(\w+) \1/g
```

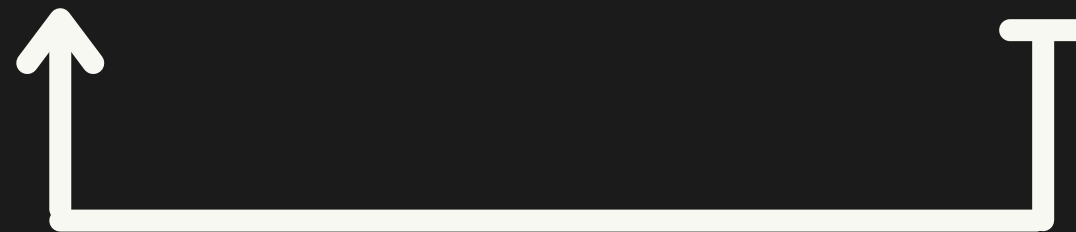
TEST STRING

- My name is Bond, James Bond.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard

● ● ● SOURCE CODE

Bond, James Bond

(\w+), (\w+) \1 \2



Bond == Bond

REGULAR EXPRESSION

```
/ (?:\w+),(\w+) \1 /g
```

TEST STRING

- My name is Bond, James Bond.
- You can call me English, Johnny English...
- And I'm Bernard, Andrew Baines Bernard