

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 image.

LESSON METACHARACTERS: ANY SINGLE CHARACTER

characters > **Js** AnySingleCharacter.js

● ● ● CHALLENGE

Match the **Area Code** of
this **Phone Number**:

(222) 555-1234

📁 characters > Js AnySingleCharacter.js

● ● ● REGULAR EXPRESSION

/ (222)

/

● ● ● TEST STRING

"(222) 555-1234"

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REGULAR EXPRESSION

/ (222)

/

OUTPUT

null

characters > **Js** AnySingleCharacter.js

REGULAR EXPRESSION

/ \ (222 \)

/

OUTPUT

null

📁 characters > **Js** AnySingleCharacter.js

● ● ● SOURCE CODE

```
const phoneNumber1 = "(222) 555-1234"  
const areaCode = /\(222\)/  
console.log(phoneNumber1.match(areaCode))
```

● ● ● OUTPUT

```
[ '(222)', index: 0, input: '(222) 555-1234', groups: undefined ]
```

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● ● ● SOURCE CODE

```
const phoneNumber1 = "(222) 555-1234"
const phoneNumber2 = "(333) 555-1234"
const phoneNumber3 = "(444) 555-1234"
const areaCode = /\(222\)/
console.log(phoneNumber1.match(areaCode))
console.log(phoneNumber2.match(areaCode))
console.log(phoneNumber3.match(areaCode))
```

● ● ● OUTPUT

```
[ '(222)', index: 0, input: '(222) 555-1234', groups: undefined ]
null
null
```

● ● ● CHALLENGE

How can we match any
single three digits
enclosed by parentheses?

(222) 555-1234

(333) 555-1234

(444) 555-1234

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● ● ● SOURCE CODE

ANY SINGLE CHARACTER

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   SOURCE CODE

 => \$ # A z 0 

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REGULAR EXPRESSION

/ \(...\)

/

OUTPUT

(222) 555-1234

(333) 555-1234

(444) 555-1234

But this can be dangerous, because, for example, there is no such area code. But don't worry, in the future I will show you a metacharacter that matches digits only.

That's it for this lesson and I'll see you in the next one.

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REGULAR EXPRESSION

/ \(...\)

/

OUTPUT

(wat) 555-1234

(*-/) 555-1234

(%^&) 555-1234