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# THE COMPLETE FRONT-END DEVELOPMENT

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**SECTION**

JAVASCRIPT REVIEW

**LECTURE**

DESTRUCTURING OBJECTS AND  
ARRAYS

# DESTRUCTURING OBJECTS AND ARRAYS

## BEFORE WE START

- 👉 Reading data from the movie object like this can become a little bit cumbersome.
- 👉 When we have lots of properties that we need to take out, it can cause us to write one line of code for each prop.
- 👉 That's really not ideal, so that's why we have object destructuring.



```
1 //befor destructuring
2   const movie = getMovie(1);
3
4   const title = movie.title
5   const director = movie.director
6
7   title
8   director
```

# DESTRUCTURING OBJECTS AND ARRAYS

## DESTRUCTURING OBJECT

- 👉 At object destructuring, we can simply create these new variables all at once.
- 👉 What's crucial is that we give these variables names the exact same name as the properties in the object.



```
1  //using destructuring
2  const movie = getMovie(1);
3  const {title,director} = movie
4
5  title
6  director
```

# DESTRUCTURING OBJECTS AND ARRAYS

👉 if we had titles instead of title , that would **not work**.

👉 **really helpful** whenever we got some data from an API.



```
1  //using destructuring
2  const movie = getMovie(1);
3  const {titles,director} = movie
4
5  titles //undefined
6  director
```

# DESTRUCTURING OBJECTS AND ARRAYS

## DESTRUCTURING ARRAY

let's now move on to destructuring with array :

- 👉 this method it's very **cumbersome**.
- 👉 write one line of code for each prop of the array.

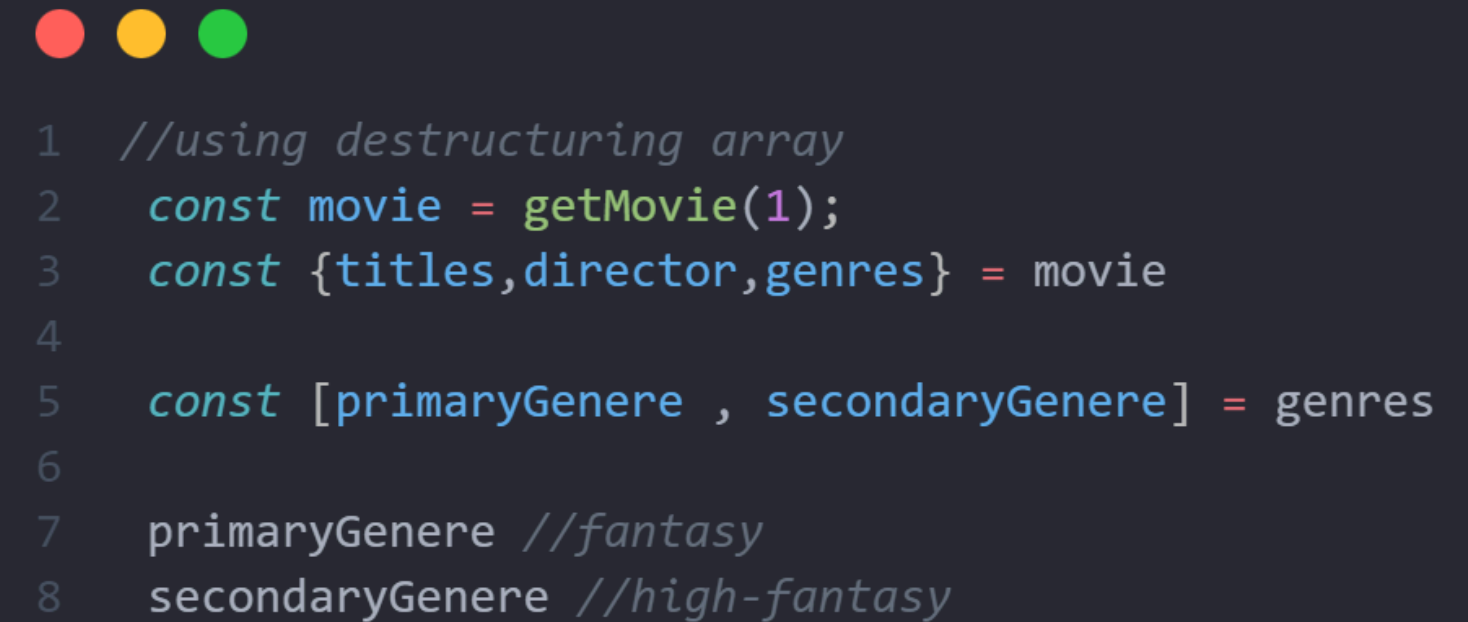
```
1  //before destructuring array
2  const movie = getMovie(1);
3  const {titles,director,genres} = movie
4
5
6  const primaryGenere = genres[0]
7  const secondaryGenere = genres[1]
8
9  primaryGenere //fantasy
10 secondaryGenere //high-fantasy
```

# DESTRUCTURING OBJECTS AND ARRAYS

☞ it's simply relies on the order of element in the array.

☞ instead of the curly brackets {} for the objects , we use the square brackets [] for the arrays.

☞ **very helpful** all the time.



```
1 //using destructuring array
2 const movie = getMovie(1);
3 const {titles,director,genres} = movie
4
5 const [primaryGenere , secondaryGenere] = genres
6
7 primaryGenere //fantasy
8 secondaryGenere //high-fantasy
```

**SEE YOU SOON...**