

# JavaScript Programming

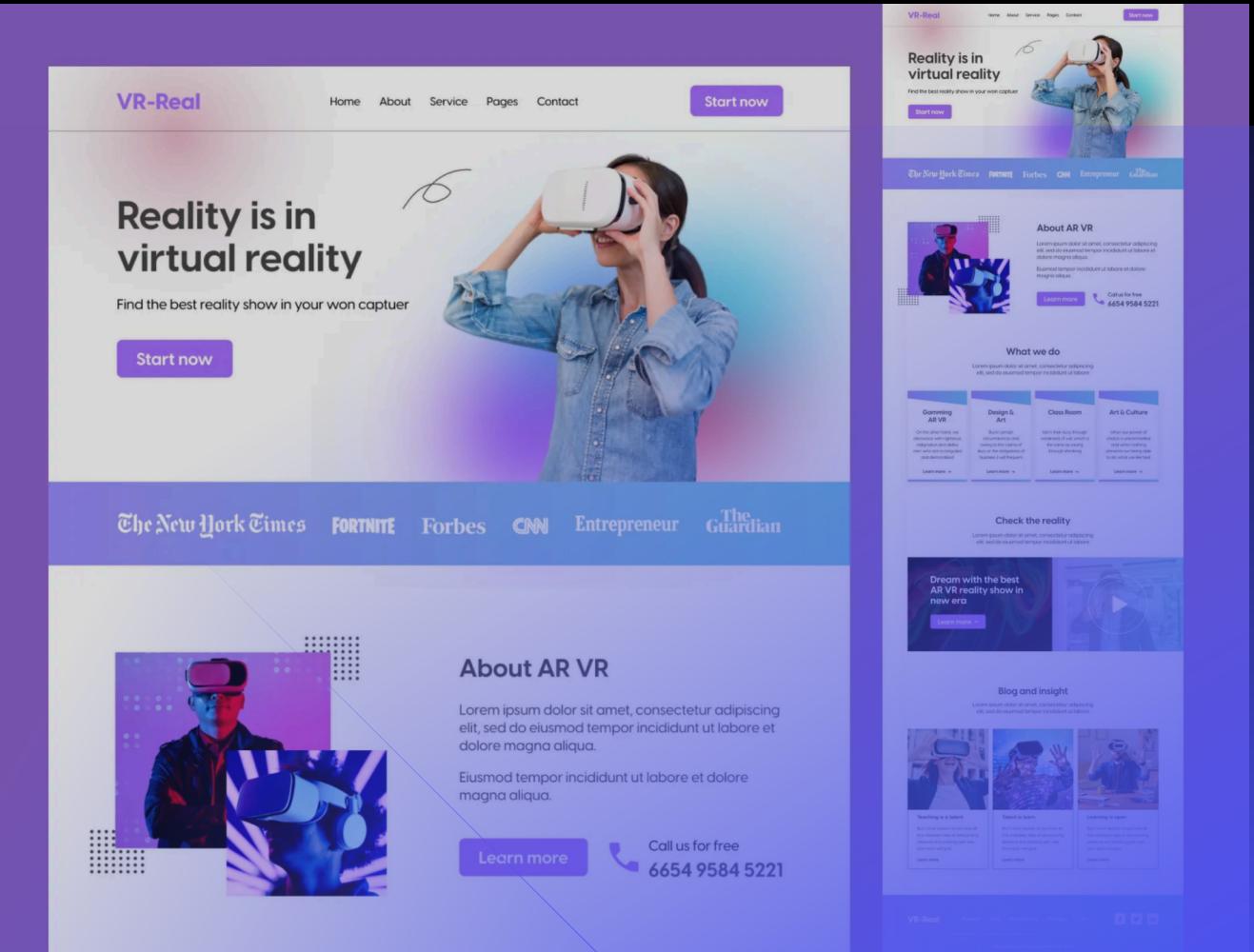
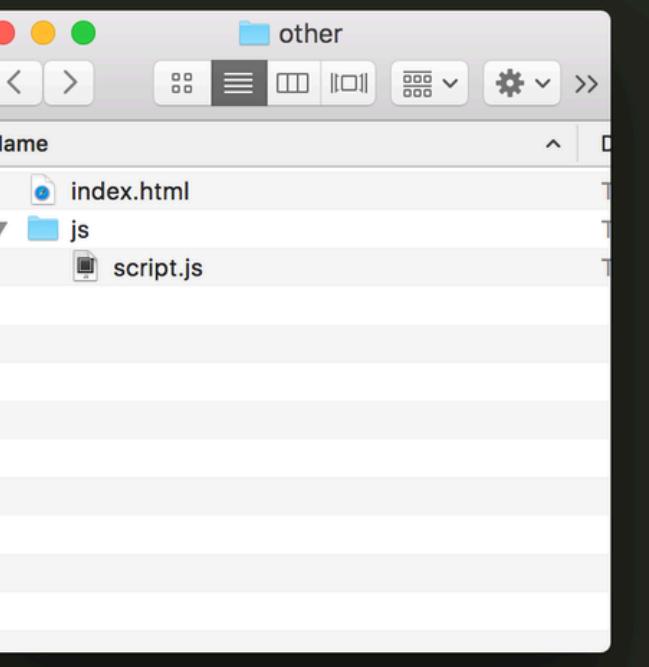
[Next Slide](#)

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# Introduction

```
dex.html *  
<!DOCTYPE html>  
  
<html>  
  
  <head>  
    <script src="js/script.js"></script>  
  </head>  
  
  <body>  
    <button type="button">Click here!</button>  
  </body>  
  
</html>
```



METTRE DU  
STYLE/ESTHÉTIQUE

# Où s'exécute JavaScript ?

DevTools - localhost:8080/web/tools/chrome-devtools/console/javascript

Elements    Console    Sources    Network    Performance    Memory    >

Default levels    Filter

```
> document.getElementById('hello').textContent = 'Hello, Console!'
< "Hello, Console!"

> 5 + 15
< 20

> function add(a, b=20) {
  return a + b;
}
< undefined

> add(25)
< 45

> |
```

Console

Sign up

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o artificial

3

...

Elements    Console    Sources    Network    Performance    Memory    Application    Security    >

Styles    Computed    Layout    Event Listeners    DO

Filter

```
element.style {
```

address, article, aside, blockquote, details, dt, fieldset, figcaption, figure, footer, form h6, header, hgroup, hr, li, main, nav, ol, p, display: block; margin: 0; padding-left: 0;}

\* { box-sizing: border-box;}

\* { -webkit-text-fill-color: currentColor;}

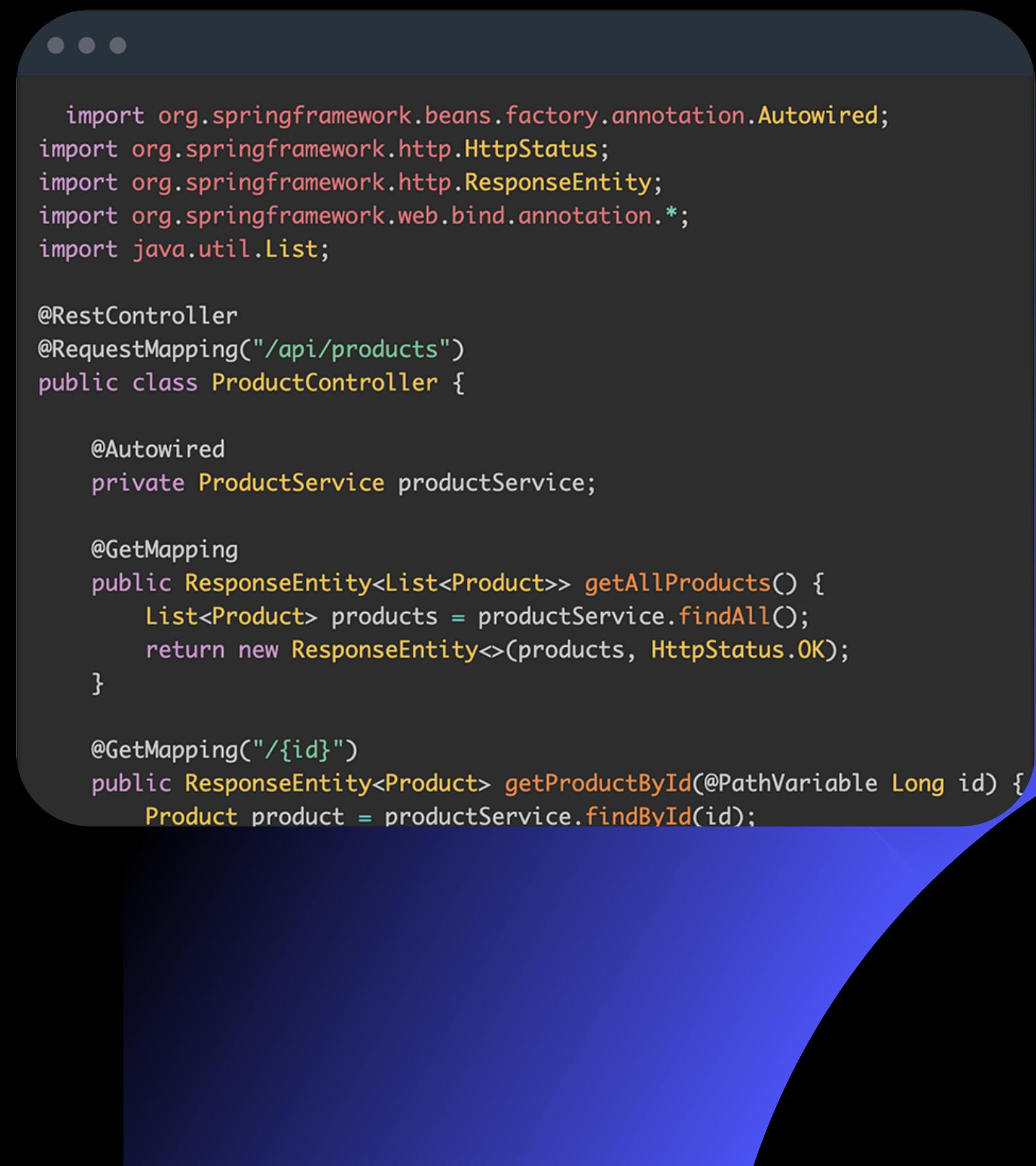
section { display: block;}

Inherited from main#mainContent.css-1081ik

```
.css-1081ik[class][class][class][class][class] all: unset; box-sizing: border-box;
```

# Les differences

```
16 const LOCALE = globalThis.navigator.language
17
18 const div = document.body.appendChild(document.createElement('div'))
19 const list = div.appendChild(document.createElement('ol'))
20
21 const dayNames = new Map()
22
23 for (let i = 0; i < 7; ++i) {
24   const d = Temporal.PlainDate.from({
25     year: Temporal.Now.plainDateISO().year,
26     month: 1,
27     day: i + 1,
28   })
29
30   dayNames.set(d.dayOfWeek, d.toLocaleString(LOCALE, { weekday: 'long' }))
31 }
32
33 for (const num of [ ...dayNames.keys()]).sort((a, b) => a - b)) {
34   list.appendChild(Object.assign(
35     document.createElement('li'),
36     { textContent: dayNames.get(num) },
37   ))
38 }
```



# EXEMPLE D'UTILISATION



This section displays three distinct user interface components:

- Login:** A form with fields for 'Email' and 'Password'. Both fields have validation errors: 'Create a username' and 'Create a password' with exclamation marks, and messages below stating 'You cannot leave the email blank' and 'Password must not be entered blank.' A large blue 'Submit' button is at the bottom.
- Notification Popup:** A dark blue modal window titled 'Notification Popup'. It contains a bell icon, the text 'Common Ninja's Notification Popup is a powerful, attention-grabbing tool for delivering important messages to website visitors.', and a 'Call to action' button.
- Big Announcement:** A light yellow box titled 'Big Announcement' with a megaphone icon. It contains the text 'Our site is currently going through maintenance, so unfortunately it won't be available for a few hours. However we are happy to share the reason for this is due to our new website going live so stay tuned to see the results, sorry for the inconvenience.' and a 'Call to action' button.

# Conclusion