Multi-file Websites

We've made single page sites

Welcome to Calvin's Homepage

Hi! My name is Calvin, and I'm on a mission to learn as much as I can about computer science. That's why I'm taking Web Design with CodeHS!

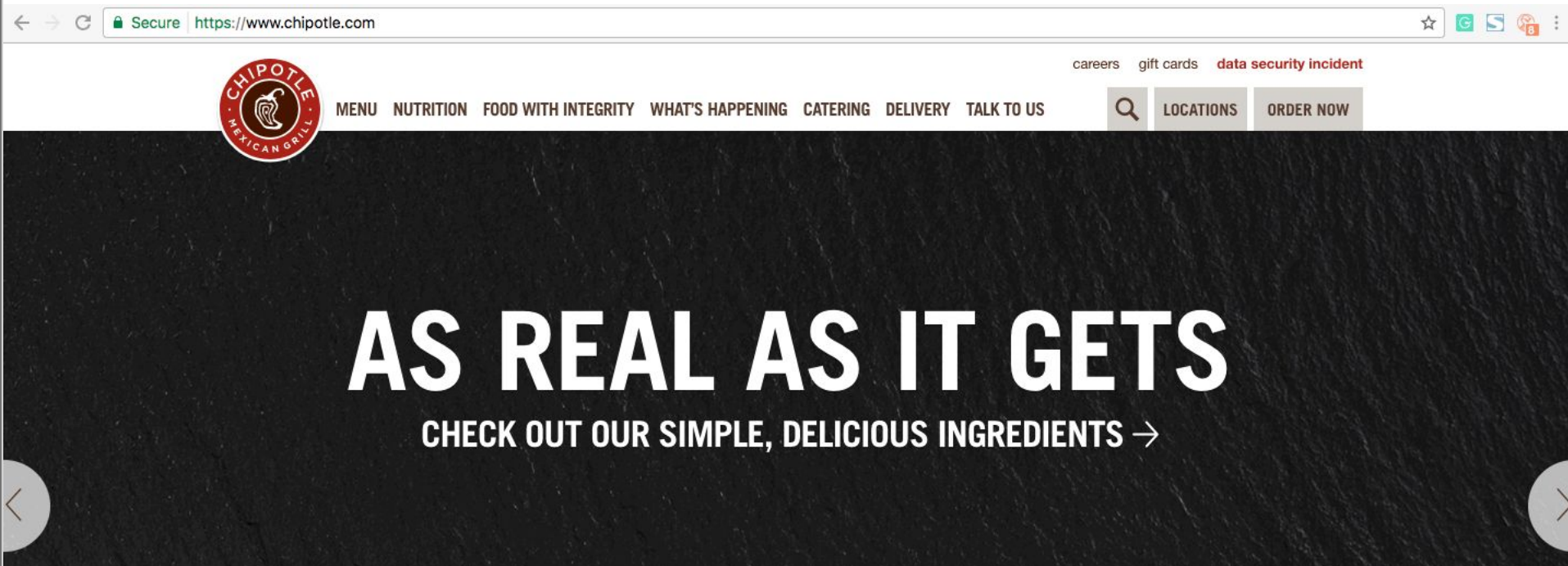I started off with learning **HTML** and *CSS*. That's how I made my very own homepage!

You can make your own homepage as well! Simply go to the CodeHS Sandbox, and click the edit Homepage button:

Edit My codehs.me Homepage

Edit this program to create your own codehs.me website

Sites can have multiple pages!

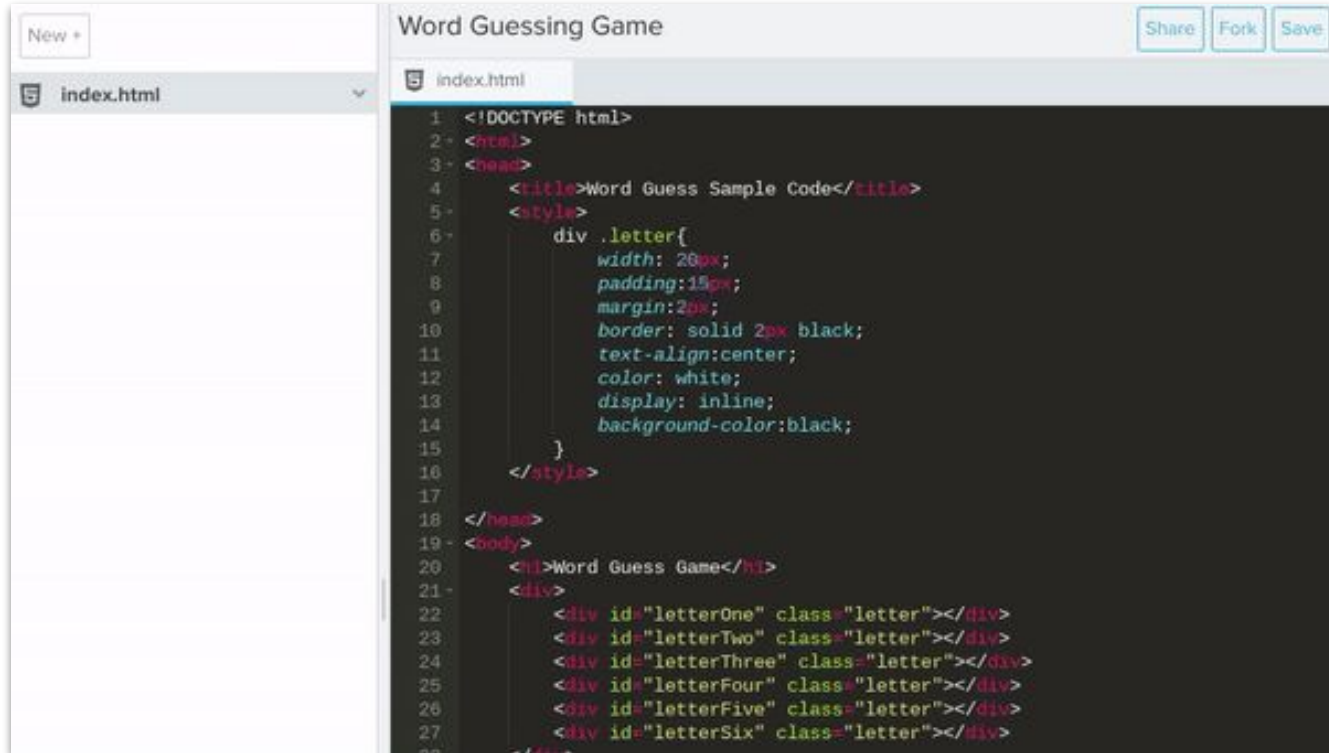Source: Chipotle https://www.chipotle.com/

Multi-page Websites

- Separate out content for the user
  - Avoid information overload
- Separate out coding logic for the developer
  - Keep the code for each page manageable

Splitting Across Files

In this lesson we'll cover:

1. Writing separate HTML files and linking them together
2. Writing a separate CSS file and applying it to an HTML file

Adding a File to your Site

Linking HTML Files

Files

index.html
about.html

index.html

```
<html>
 …

  <a href="about.html">About</a>

  …
</html>
```

about.html

```
<html>
 …

  <a href="index.html">Home</a>

  …
</html>
```

Linking HTML Files

Files

index.html
about.html

index.html

```html
<html>
 …

  <a href="about.html">About</a>

 …
</html>
```

about.html

```html
<html>
 …

  <a href="index.html">Home</a>

 …
</html>
```

Adding an External CSS File

Files

index.html
style.css

index.html

```
<html>
 <head>
  <link rel="stylesheet" type="text/css" href="style.css">
 </head>
 <body>
  …
 </body>
</html>
```

style.css

```
body {
  color: red;
}
```

Adding an External CSS File

Files

index.html

style.css

index.html

```
<html>
 <head>
  <link rel="stylesheet" type="text/css" href="style.css">
 </head>
 <body>
   …
 </body>
</html>
```

style.css

```
body {
   color: red;
}
```

Adding an External CSS File

This line in the `<head>` applies a given CSS file to the HTML file

```
<link rel="stylesheet" type="text/css" href="style.css">
```

Adding an External CSS File

This line in the `<head>` applies a given CSS file to the HTML file

```
<link rel="stylesheet" type="text/css" href="style.css">
```

Name of the file goes here

Adding an External CSS File

```
<link rel="stylesheet" type="text/css" href="style.css">
```

This is useful for several reasons:

- Separate out the code for structure (HTML) and style (CSS)
- Write CSS code **once** and apply it to several different HTML files!

Now it's your turn!