

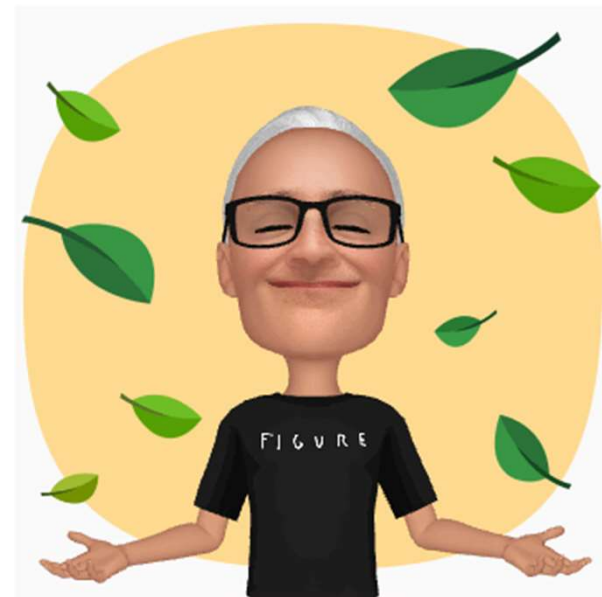
MODULE 4

Introduction to HTML and CSS

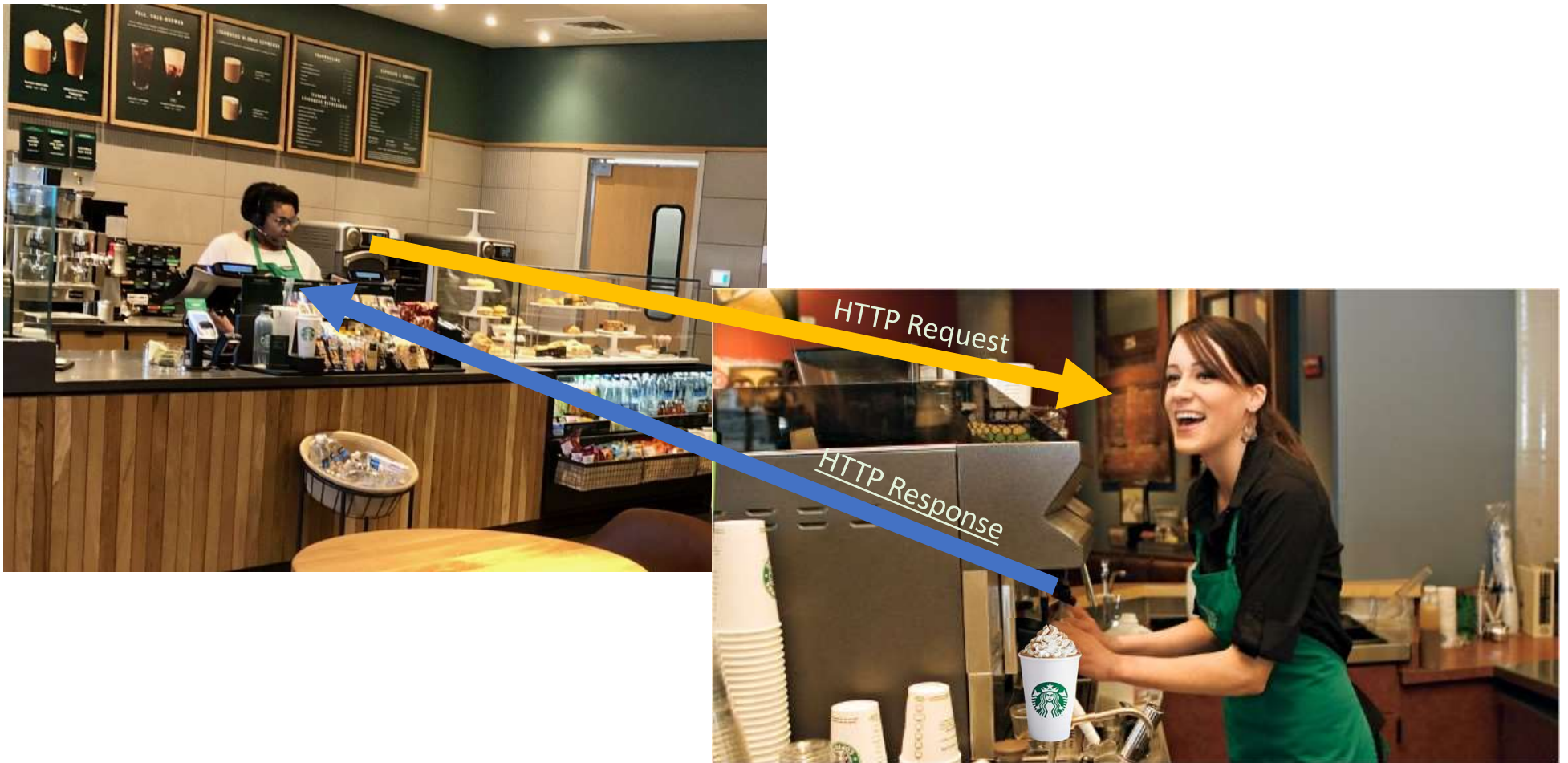


Welcome to Module 3!

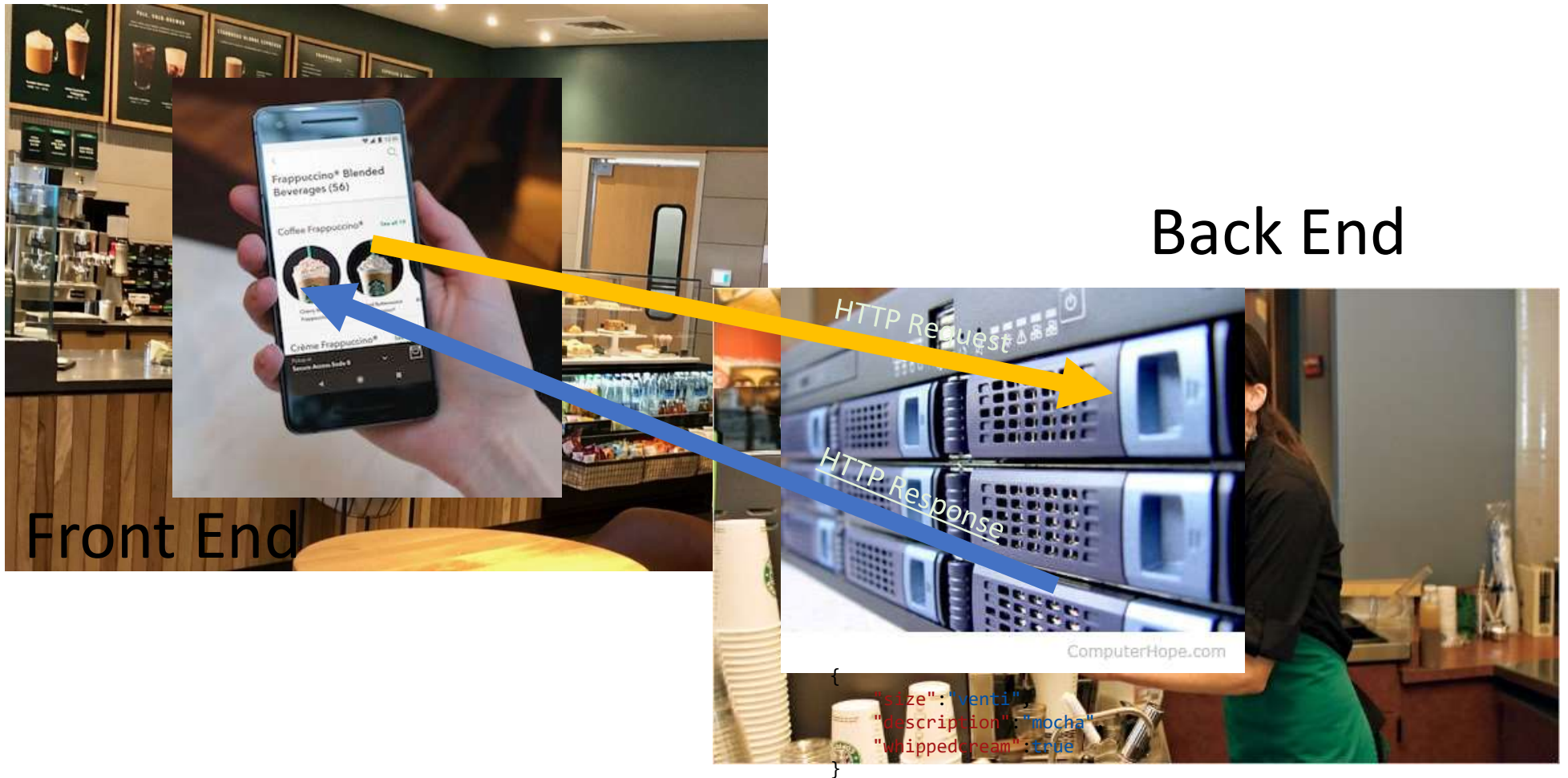
- Front End
 - HTML
 - CSS
 - FlexBox
 - Grid
 - JavaScript
 - Vue



Coffee process



Coffee process



Let's talk HTML

- What does HTML stand for?
- HTML: Hypertext Markup Language
- “Paired” tags to indicate format

Paragraph Tag

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas porta sagittis ex, id pulvinar massa sodales non. Praesent nulla est, tempor aliquam consectetur sit amet, volutpat eget magna. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam quis tristique elit, vel ullamcorper mauris. Cras at ullamcorper velit, in eleifend lorem. Integer dapibus vestibulum efficitur.

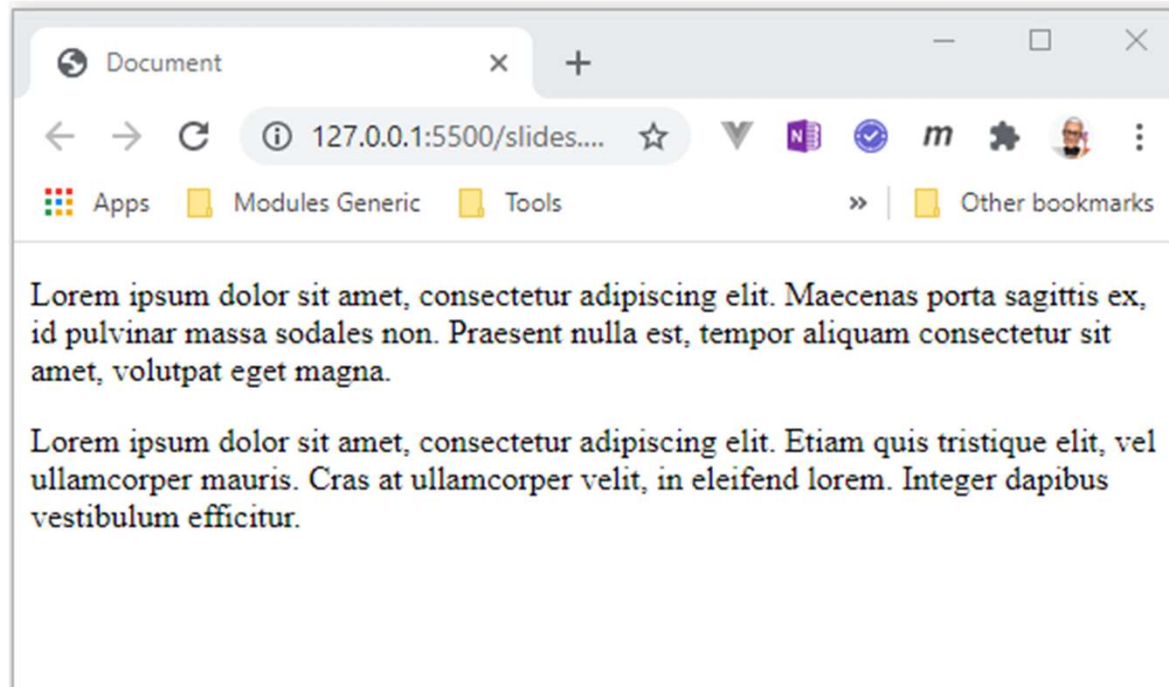
- Starting tag: `<p>`
- Ending Tag: `</p>`

Paragraph Tag

`<p>` Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas porta sagittis ex, id pulvinar massa sodales non. Praesent nulla est, tempor aliquam consectetur sit amet, volutpat eget magna. `</p>`

`<p>` Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam quis tristique elit, vel ullamcorper mauris. Cras at ullamcorper velit, in eleifend lorem. Integer dapibus vestibulum efficitur. `</p>`

Paragraph Tag



Other Popular Formatting Tags

- Headers

`<h1>Heading 1</h1>`

`<h2>Heading 2</h2>`

`<h3>Heading 3</h3>`

`<h4>Heading 4</h4>`

`<h5>Heading 5</h5>`

`<h6>Heading 6</h6>`

- Bolding text

- `This is bold`

- Italicizing text

- `This is italicized text`

- Images

- ``



Semantic Tags

- Tags that group content together
- `<html>`
- `<head>`
- `<body>`
- `<header>`
- `<main>`
- `<section>`
- `<nav>`

Interaction Tags

- Links/Anchors
 - `TE`
- Get User Input
 - `<form method="POST" action="api/auction">`
 - `<label>`
 - `<input>`
 - `<button>`

Simple HTML Document

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Maecenas porta sagittis ex, id
  pulvinar massa sodales non. Praesent nulla est, tempor aliquam consectetur sit amet, volutpat eget
  magna.</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam quis tristique elit, vel
  ullamcorper mauris. Cras at ullamcorper velit, in eleifend lorem. Integer dapibus vestibulum
  efficitur. </p>
</body>
</html>
```

CSS: Cascading Style Sheet

- CSS is the way we tell HTML how to format itself
- CSS can be included by:
 - inline on any element with a style attribute
 - within the document under a `<style>` element
 - external document reference with a `<link href=>` element

Styles applied by tag

```
body {  
    background-color: green;  
}
```

LET'S CODE!



ELEVATE  YOURSELF

WHAT QUESTIONS DO
YOU HAVE?



Reading for tonight:
**CSS Selectors and Box
Model**
CSS Layouts

