

Hussein Ismael

Web Programming Lab

NW Evening

Discussion 5

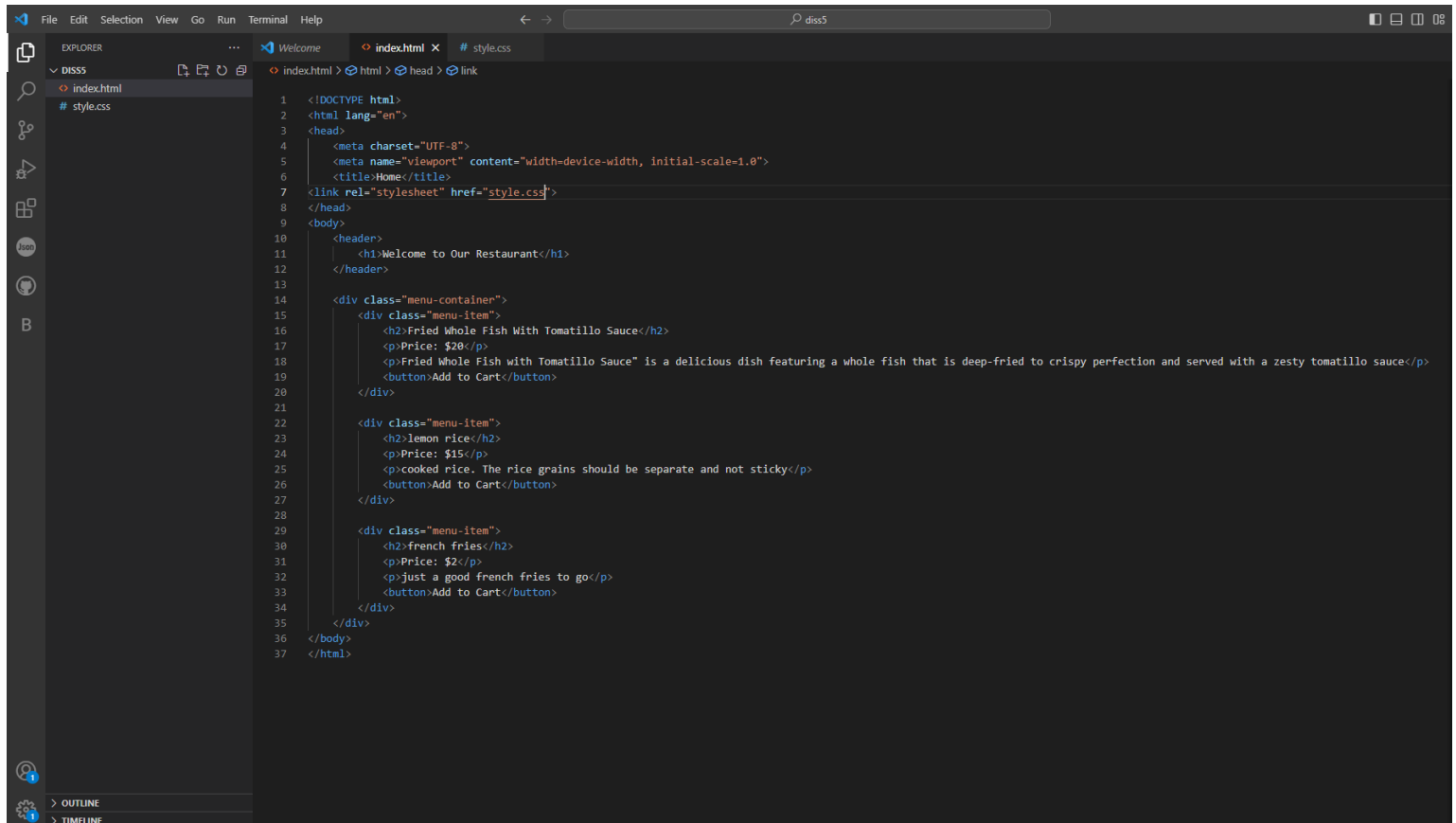
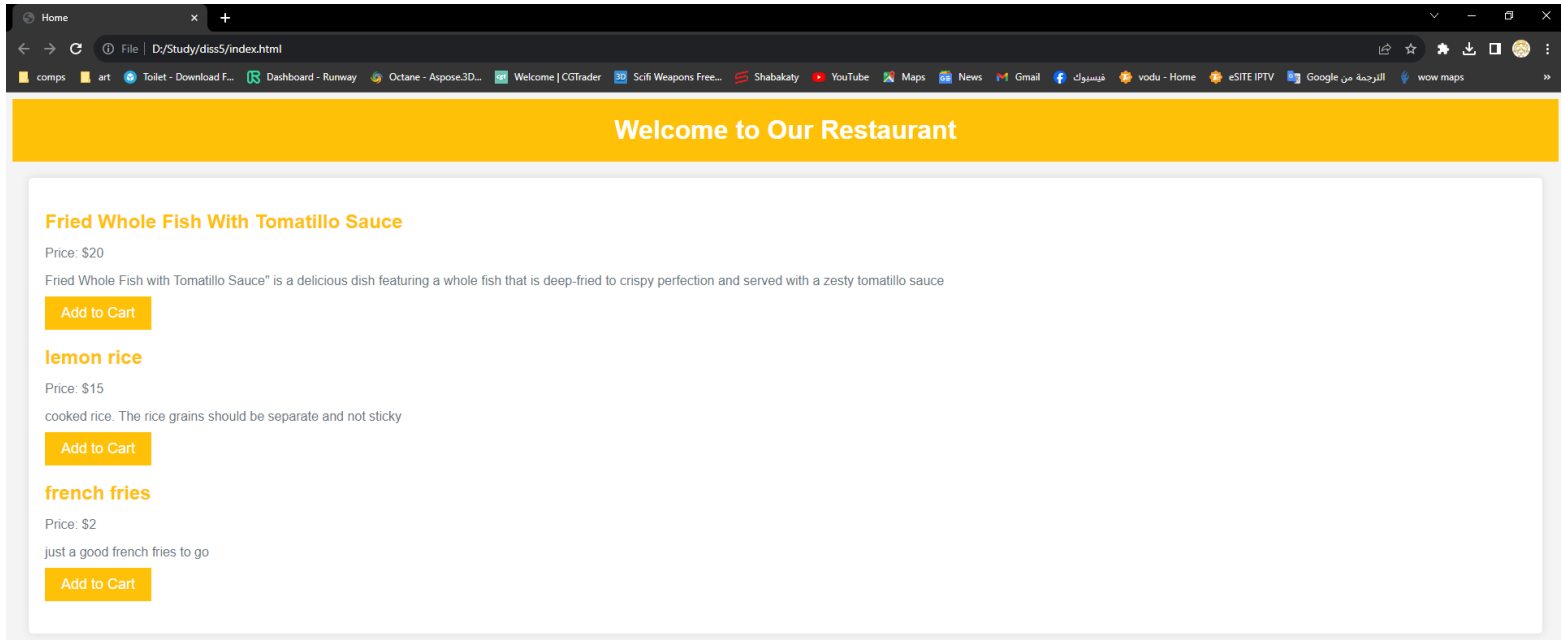
1-What are the limitations of CSS?

1. CSS controls the visual presentation of HTML elements, including colors, fonts, and spacing.
2. CSS limitations:
 - No programming concepts: CSS does not have variables, loops, or conditional statements.
 - No global variables: CSS lacks global variables, unlike JavaScript.
 - Limited loops: While recursive rules can create loops, they are not ideal.
 - Limited to HTML and XML: CSS is limited to styling HTML and XML documents.
 - Limited to presentational attributes: CSS does not modify the document's structure.
3. Overcoming CSS limitations:
 - Utilize CSS preprocessors: Tools like Sass and Less add more features, like variables and conditionals, to CSS.
 - Embrace CSS architecture: Well-organized CSS improves maintainability and scalability.
 - Integrate CSS with JavaScript: JavaScript can be used to dynamically update CSS and perform complex operations.

2-How many ways can a CSS be integrated as a web page?

1. External Stylesheet: Linking a CSS file from the HTML document.
2. Internal Stylesheet: Embedding the CSS code within the HTML document using the `<style>` tag.
3. Inline Styles: Applying the CSS directly to the HTML elements using the `style` attribute.

3-Create a home page for a restaurant with what you've learned from HTML & CSS.



```
body {
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
}

header {
  background-color: #ffc107;
  padding: 20px;
  text-align: center;
}

header h1 {
  color: #ffffff;
  margin: 0;
}

.menu-container {
  background-color: #ffffff;
  padding: 20px;
  margin: 20px;
  border-radius: 5px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.menu-item {
  margin-bottom: 20px;
}

.menu-item h2 {
  color: #ffc107;
  margin-bottom: 10px;
}

.menu-item p {
  color: #6c757d;
  margin-bottom: 10px;
}

.menu-item button {
  background-color: #ffc107;
  border: none;
  padding: 10px 20px;
  color: #ffffff;
  font-size: 18px;
  cursor: pointer;
}
```

```
    transition: background-color 0.3s;
}

.menu-item button:hover {
    background-color: #e0a800;
}
```