1-What are the limitations of CSS?

CSS limitations include:

1-Complex Layouts: CSS has limited support for complex layouts, such as multi-column or grid-based designs.

2-Browser Compatibility: Different browsers may interpret CSS differently, leading to inconsistencies in appearance.

3-Lack of Variables and Math Functions: CSS lacks native support for variables and mathematical calculations.

4-Limited Control Over Elements: Styling form elements like checkboxes and select dropdowns is limited without additional tools.

5-Lack of Dynamic Capabilities: CSS is primarily static and lacks robust support for dynamic behavior.

6-Global Scope: CSS operates within a global scope, making it challenging to isolate styles for specific components.

7-Complex Selectors: CSS has limitations when it comes to complex or nested selectors.

Despite these limitations, CSS is still a fundamental tool for web development but can be enhanced with preprocessors, frameworks, or JavaScript.

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

There are three primary ways to integrate CSS into a web page:

1-Inline CSS: CSS can be directly included within HTML elements using the "style" attribute. This allows for element-specific styling but can lead to code repetition and reduced maintainability.

2-Internal CSS: CSS can be placed within the HTML document's "head" section using the "style" tags. This method allows for defining styles specific to that HTML document.

3-External CSS: CSS can be placed in a separate external file with a .css extension. This file is then linked to the HTML document using the "link" tag. This method promotes code reusability and modularity, as the same CSS file can be linked to multiple HTML pages.

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

```html
<!DOCTYPE html>
<html>
<head>
   <title>Restaurant Homepage</title>
   <link rel="stylesheet" type="text/css"
href="styles.css">
</head>
<body>
   <header>
     <h1>Welcome to Delicious Bites!</h1>
     <nav>
       <ul>
         <li><a
href="#about">About</a></li>
         <li><a href="#menu">Menu</a></li>
         <li><a
href="#contact">Contact</a></li>
       </ul>
     </nav>
   </header>

   <section id="about">
     <h2>About Us</h2>
     <p>Welcome to Delicious Bites, where
taste meets perfection. We are committed
to serving you the best culinary
experience with our diverse menu and cozy
ambiance.</p>
   </section>
```

```html
<section id="menu">
  <h2>Our Menu</h2>
  <ul>
    <li>
      <h3>Appetizers</h3>
      <p>Delightful starters to awaken your taste buds.</p>
    </li>
    <li>
      <h3>Main Courses</h3>
      <p>Savor our mouth-watering main dishes made from fresh ingredients.</p>
    </li>
    <li>
      <h3>Desserts</h3>
      <p>Indulge in our delectable desserts crafted with love.</p>
    </li>
  </ul>
</section>

<section id="contact">
  <h2>Contact Us</h2>
  <p>For reservations or any inquiries, please feel free to contact us:</p>
  <p>Email: info@deliciousbites.com</p>
  <p>Phone: 123-456-7890</p>
</section>
```

```html
<footer>
    <p>&copy; 2023 Delicious Bites. All
rights reserved.</p>
  </footer>
</body>
</html>
```

CSS CODE/

```css
/* Body styling */
body {
    margin: 0;
    font-family: "Arial", sans-serif;
    background-color: #f1f1f1;
    color: #333;
}

/* Header styling */
header {
    background-color: #ff6f69;
    padding: 20px;
    text-align: center;
    box-shadow: 0 2px 5px rgba(0, 0, 0,
0.1);
}

header h1 {
    margin: 0;
    font-weight: 700;
    font-size: 32px;
    color: #fff;
```

```css
}

nav ul {
    list-style-type: none;
    padding: 0;
}

nav ul li {
    display: inline-block;
    margin-right: 15px;
}

nav ul li a {
    text-decoration: none;
    color: #fff;
    font-size: 18px;
    transition: color 0.3s ease-in-out;
}

nav ul li a:hover {
    color: #ff6f69;
}

/* Sections styling */
section {
    padding: 50px;
}

section h2 {
```

```css
  margin-top: 0;
  font-size: 28px;
  color: #ff6f69;
}

section p {
  font-size: 16px;
  line-height: 1.5;
  color: #555;
}

/* Menu styling */
section ul {
  list-style-type: none;
  padding: 0;
}

section ul li {
  margin-bottom: 30px;
}

section ul li h3 {
  font-size: 24px;
  margin-bottom: 10px;
  color: #ff6f69;
}

/* Contact styling */
section #contact p {
```
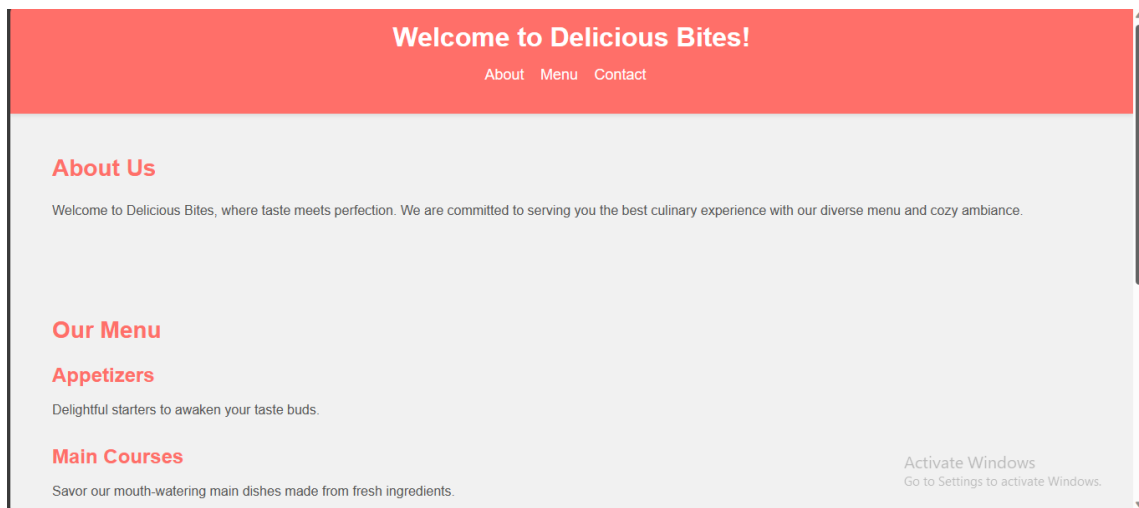
```css
    margin-bottom: 15px;
}

/* Footer styling */
footer {
    background-color: #333;
    padding: 20px;
    text-align: center;
    font-size: 14px;
}

footer p {
    margin: 0;
    color: #fff;
}
```

Welcome to Delicious Bites!

About Menu Contact

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