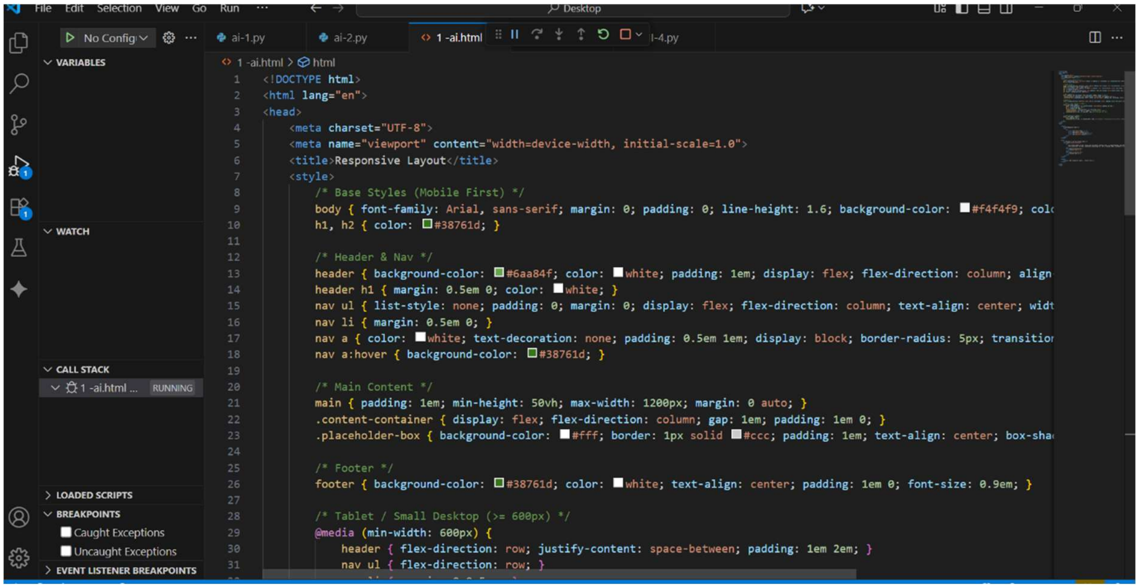
ASSIGNMENT-14

NAME:DEVI PRIYA.G

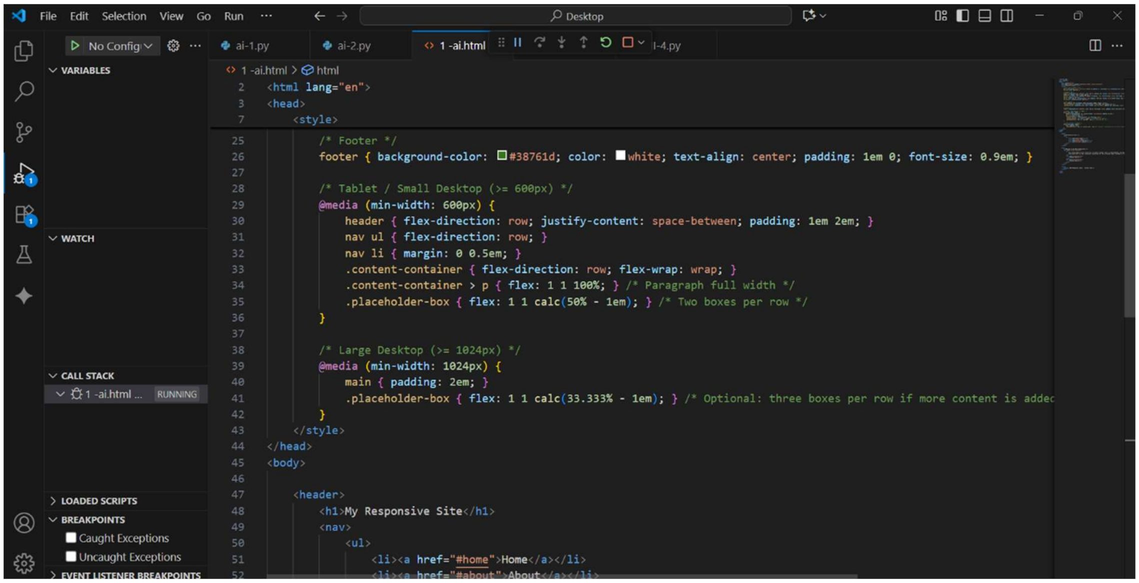
2403A52067

BATCH:04

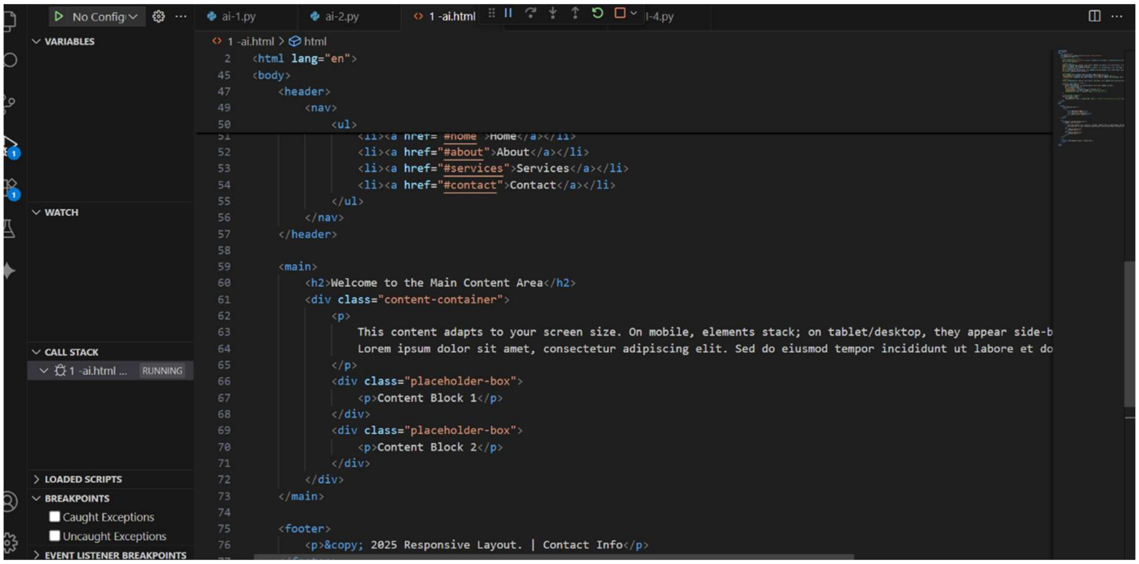
TASK-1:


File Edit Selection View Go Run ···
Desktop
No Config
ai-1.py
ai-2.py
1 -ai.html
l-4.py
1 -ai.html > html
VARIABLES
WATCH
CALL STACK
1 -ai.html ... RUNNING
LOADED SCRIPTS
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS

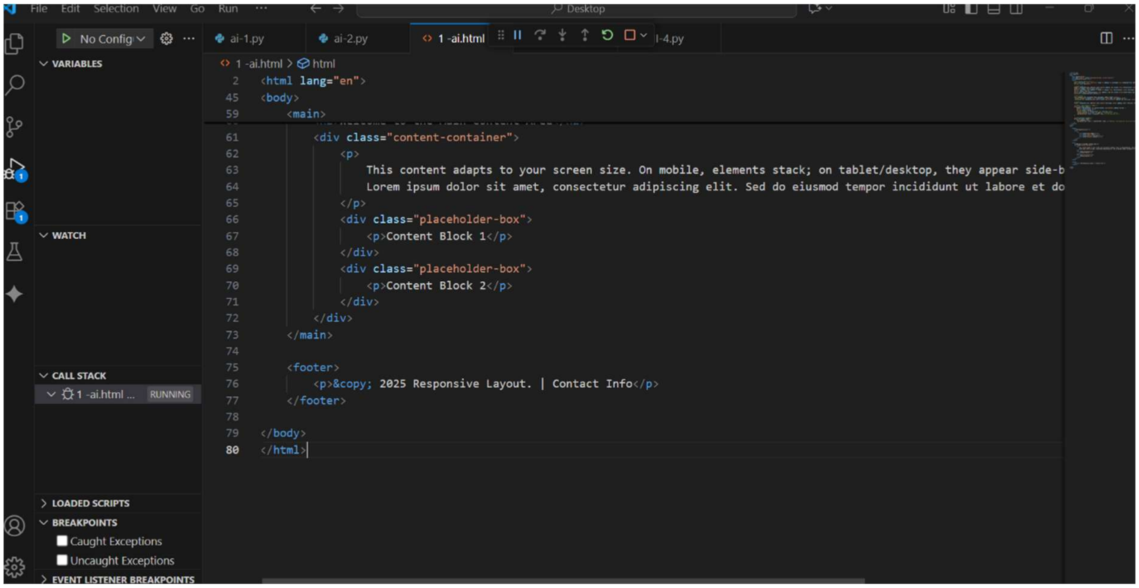
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Responsive Layout</title>
    <style>
        /* Base Styles (Mobile First) */
        body { font-family: Arial, sans-serif; margin: 0; padding: 0; line-height: 1.6; background-color: #f4f4f9; col
        h1, h2 { color: #38761d; }

        /* Header & Nav */
        header { background-color: #6aa84f; color: white; padding: 1em; display: flex; flex-direction: column; align
        header h1 { margin: 0.5em 0; color: white; }
        nav ul { list-style: none; padding: 0; margin: 0; display: flex; flex-direction: column; text-align: center; widt
        nav li { margin: 0.5em 0; }
        nav a { color: white; text-decoration: none; padding: 0.5em 1em; display: block; border-radius: 5px; transitio
        nav a:hover { background-color: #38761d; }

        /* Main Content */
        main { padding: 1em; min-height: 50vh; max-width: 1200px; margin: 0 auto; }
        .content-container { display: flex; flex-direction: column; gap: 1em; padding: 1em 0; }
        .placeholder-box { background-color: #fff; border: 1px solid #ccc; padding: 1em; text-align: center; box-sha

        /* Footer */
        footer { background-color: #38761d; color: white; text-align: center; padding: 1em 0; font-size: 0.9em; }

        /* Tablet / Small Desktop (>= 600px) */
        @media (min-width: 600px) {
            header { flex-direction: row; justify-content: space-between; padding: 1em 2em; }
            nav ul { flex-direction: row; }
```


File
Edit
Selection
View
Go
Run
Desktop
No Config
ai-1.py
ai-2.py
1 -ai.html
l-4.py
1 -ai.html > html
VARIABLES
WATCH
CALL STACK
1 -ai.html ...
RUNNING
LOADED SCRIPTS
BREAKPOINTS
Caught Exceptions
Uncaught Exceptions
EVENT LISTENER BREAKPOINTS

```
<html lang="en">
<head>
    <style>
        /* Footer */
        footer { background-color: #38761d; color: white; text-align: center; padding: 1em 0; font-size: 0.9em; }

        /* Tablet / Small Desktop (>= 600px) */
        @media (min-width: 600px) {
            header { flex-direction: row; justify-content: space-between; padding: 1em 2em; }
            nav ul { flex-direction: row; }
            nav li { margin: 0 0.5em; }
            .content-container { flex-direction: row; flex-wrap: wrap; }
            .content-container > p { flex: 1 1 100%; } /* Paragraph full width */
            .placeholder-box { flex: 1 1 calc(50% - 1em); } /* Two boxes per row */
        }

        /* Large Desktop (>= 1024px) */
        @media (min-width: 1024px) {
            main { padding: 2em; }
            .placeholder-box { flex: 1 1 calc(33.333% - 1em); } /* Optional: three boxes per row if more content is addec
        }
    </style>
</head>
<body>

    <header>
        <h1>My Responsive Site</h1>
        <nav>
            <ul>
                <li><a href="#home">Home</a></li>
                <li><a href="#about">About</a></li>
```

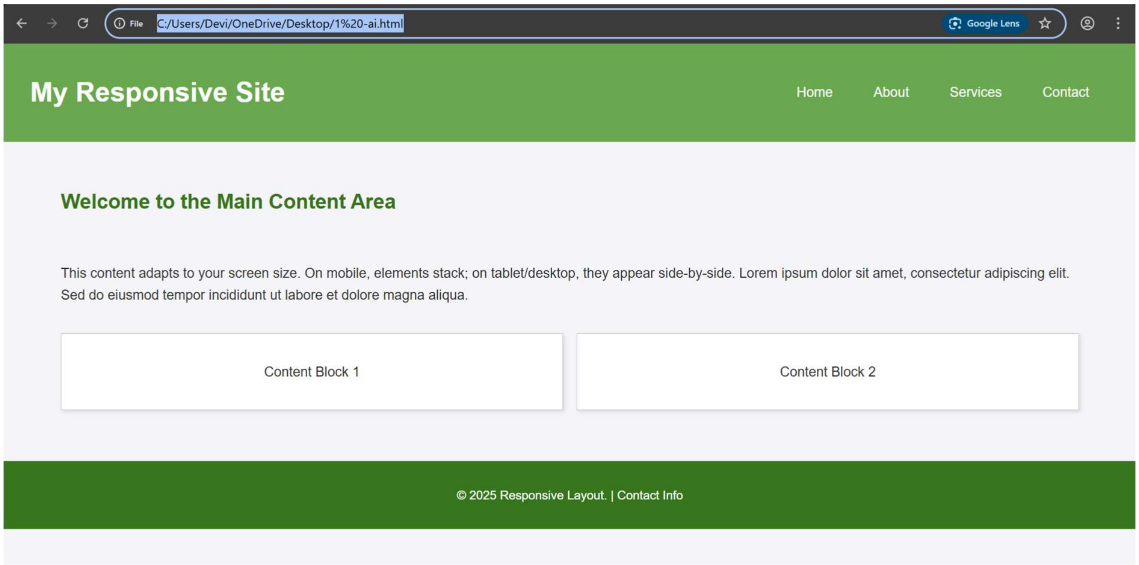

No Config
ai-1.py
ai-2.py
1 -ai.html
l-4.py
1 -ai.html > html
VARIABLES
WATCH
CALL STACK
1 -ai.html ...
RUNNING
LOADED SCRIPTS
BREAKPOINTS
Caught Exceptions
Uncaught Exceptions
EVENT LISTENER BREAKPOINTS

```
<html lang="en">
<body>
    <header>
        <nav>
            <ul>
                <li><a href="#about">About</a></li>
                <li><a href="#services">Services</a></li>
                <li><a href="#contact">Contact</a></li>
            </ul>
        </nav>
    </header>

    <main>
        <h2>Welcome to the Main Content Area</h2>
        <div class="content-container">
            <p>
                This content adapts to your screen size. On mobile, elements stack; on tablet/desktop, they appear side-b
                Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et do
            </p>
            <div class="placeholder-box">
                <p>Content Block 1</p>
            </div>
            <div class="placeholder-box">
                <p>Content Block 2</p>
            </div>
        </div>
    </main>

    <footer>
        <p>&copy; 2025 Responsive Layout. | Contact Info</p>
```


File
Edit
Selection
View
Go
Run
Desktop
No Config
ai-1.py
ai-2.py
1 -ai.html
l-4.py
1 -ai.html > html
VARIABLES
WATCH
CALL STACK
1 -ai.html ...
RUNNING
LOADED SCRIPTS
BREAKPOINTS
Caught Exceptions
Uncaught Exceptions
EVENT LISTENER BREAKPOINTS

```
<html lang="en">
<body>
    <main>
        <div class="content-container">
            <p>
                This content adapts to your screen size. On mobile, elements stack; on tablet/desktop, they appear side-b
                Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et do
            </p>
            <div class="placeholder-box">
                <p>Content Block 1</p>
            </div>
            <div class="placeholder-box">
                <p>Content Block 2</p>
            </div>
        </div>
    </main>

    <footer>
        <p>&copy; 2025 Responsive Layout. | Contact Info</p>
    </footer>

</body>
</html>
```

OUTPUT:


File
C:/Users/Devi/OneDrive/Desktop/1%20-ai.html
Google Lens

My Responsive Site

Home About Services Contact

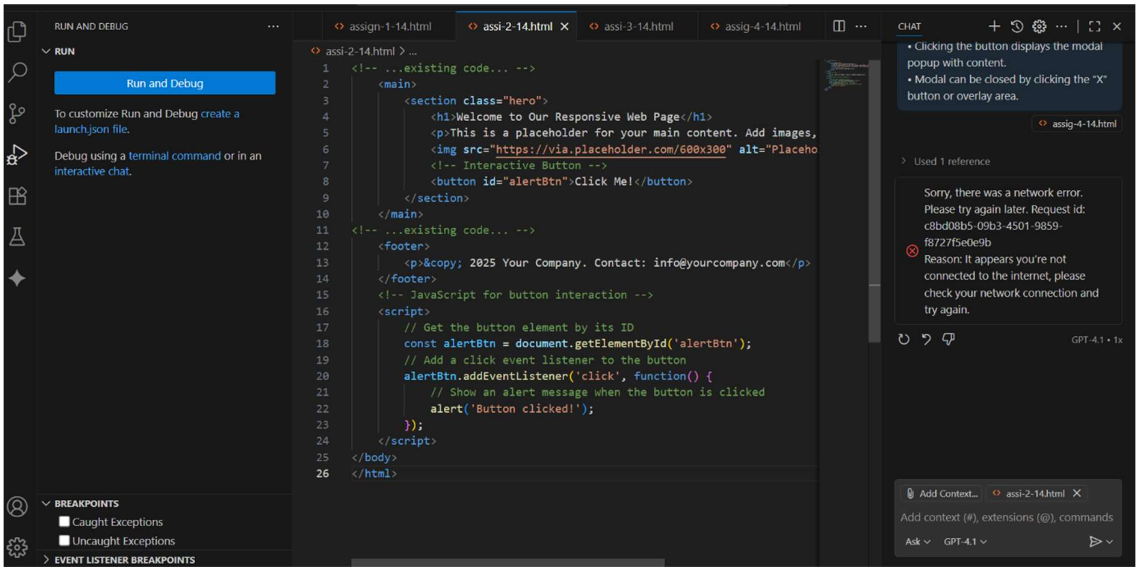
Welcome to the Main Content Area

This content adapts to your screen size. On mobile, elements stack; on tablet/desktop, they appear side-by-side. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Content Block 1	Content Block 2

© 2025 Responsive Layout. | Contact Info

TASK-2:


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-2-14.html > ...
CHAT
assig-4-14.html
Used 1 reference
GPT-4.1 • 1x
Add Context...
assi-2-14.html
Ask
GPT-4.1

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

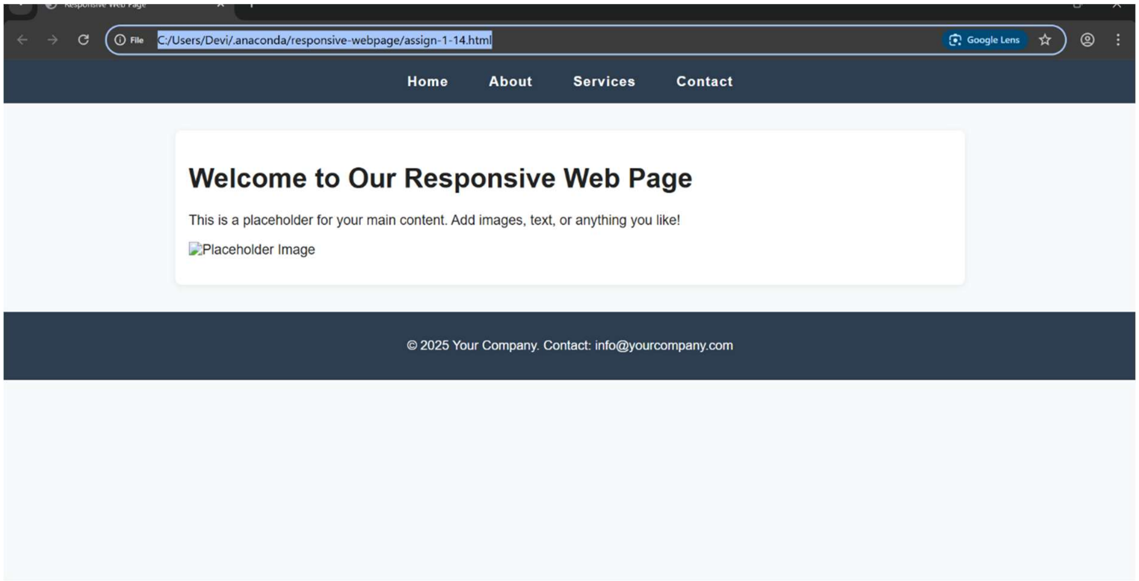
```
<!-- ...existing code... -->
    <main>
        <section class="hero">
            <h1>Welcome to Our Responsive Web Page</h1>
            <p>This is a placeholder for your main content. Add images,
            <img src="https://via.placeholder.com/600x300" alt="Placeho
            <!-- Interactive Button -->
            <button id="alertBtn">Click Me!</button>
        </section>
    </main>
<!-- ...existing code... -->
    <footer>
        <p>&copy; 2025 Your Company. Contact: info@yourcompany.com</p>
    </footer>
    <!-- JavaScript for button interaction -->
    <script>
        // Get the button element by its ID
        const alertBtn = document.getElementById('alertBtn');
        // Add a click event listener to the button
        alertBtn.addEventListener('click', function() {
            // Show an alert message when the button is clicked
            alert('Button clicked!');
        });
    </script>
</body>
</html>
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

Add context (#), extensions (@), commands

OUTPUT:


File
C:/Users/Devi/.anaconda/responsive-webpage/assign-1-14.html
Google Lens
Home
About
Services
Contact

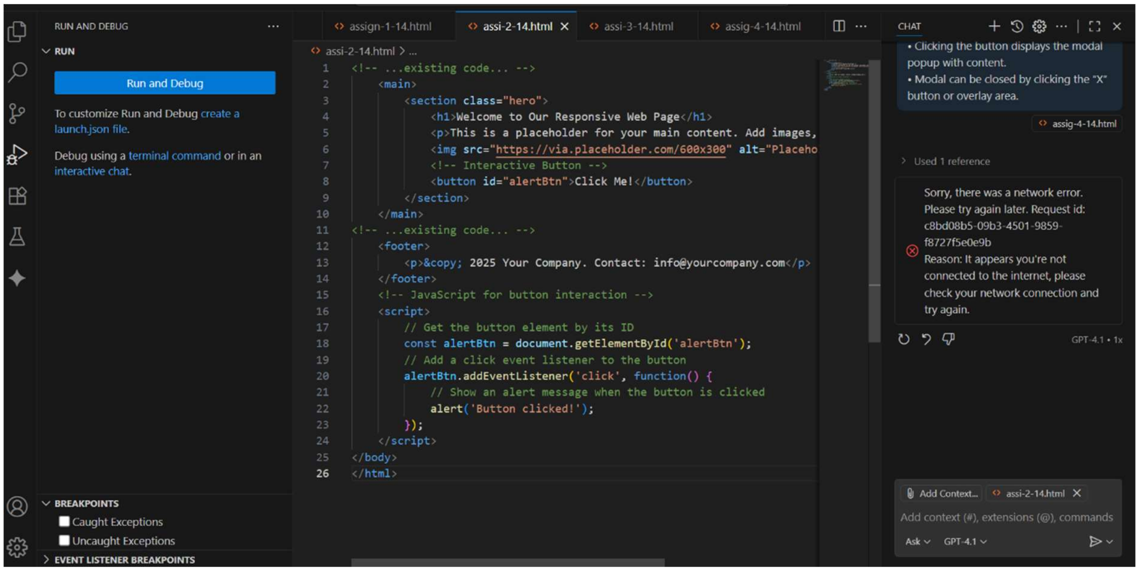
Welcome to Our Responsive Web Page

This is a placeholder for your main content. Add images, text, or anything you like!

Placeholder Image

© 2025 Your Company. Contact: info@yourcompany.com

TASK:3:


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-2-14.html > ...
CHAT
Add Context...
assi-2-14.html
Ask
GPT-4.1

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

```html
<!-- ...existing code... -->
    <main>
        <section class="hero">
            <h1>Welcome to Our Responsive Web Page</h1>
            <p>This is a placeholder for your main content. Add images,
            <img src="https://via.placeholder.com/600x300" alt="Placeho
            <!-- Interactive Button -->
            <button id="alertBtn">Click Me!</button>
        </section>
    </main>
<!-- ...existing code... -->
    <footer>
        <p>&copy; 2025 Your Company. Contact: info@yourcompany.com</p>
    </footer>
    <!-- JavaScript for button interaction -->
    <script>
        // Get the button element by its ID
        const alertBtn = document.getElementById('alertBtn');
        // Add a click event listener to the button
        alertBtn.addEventListener('click', function() {
            // Show an alert message when the button is clicked
            alert('Button clicked!');
        });
    </script>
</body>
</html>
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

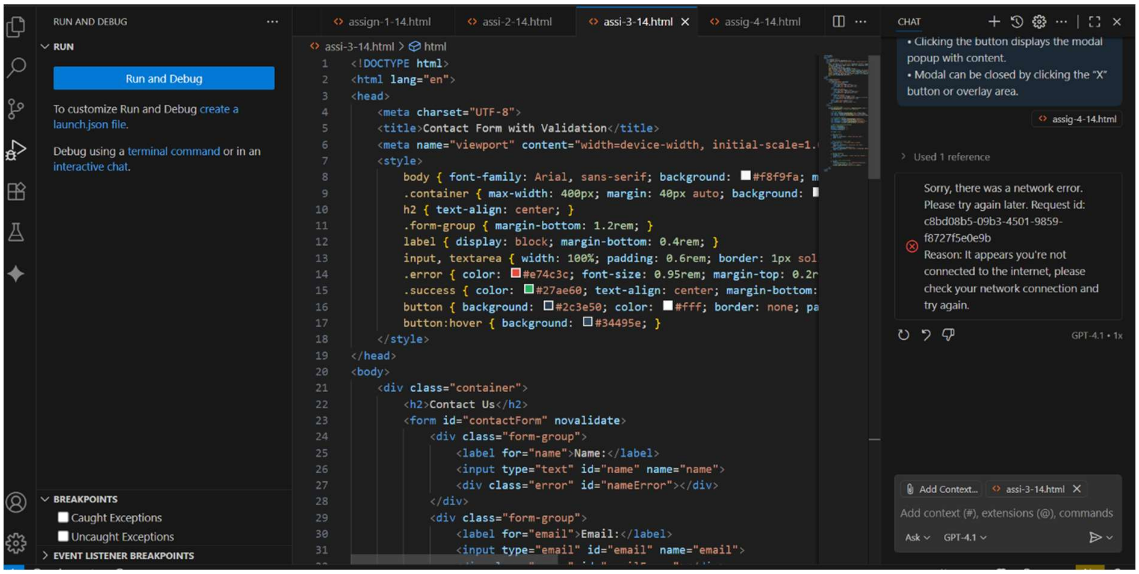
assig-4-14.html

Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x

Add context (#), extensions (@), commands


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-3-14.html > html
CHAT
Add Context...
assi-3-14.html
Ask
GPT-4.1

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Contact Form with Validation</title>
    <meta name="viewport" content="width=device-width, initial-scale=1.
    <style>
        body { font-family: Arial, sans-serif; background: #f8f9fa; m
        .container { max-width: 400px; margin: 40px auto; background:
        h2 { text-align: center; }
        .form-group { margin-bottom: 1.2rem; }
        label { display: block; margin-bottom: 0.4rem; }
        input, textarea { width: 100%; padding: 0.6rem; border: 1px sol
        .error { color: #e74c3c; font-size: 0.95rem; margin-top: 0.2r
        .success { color: #27ae60; text-align: center; margin-bottom:
        button { background: #2c3e50; color: #fff; border: none; pa
        button:hover { background: #34495e; }
    </style>
</head>
<body>
    <div class="container">
        <h2>Contact Us</h2>
        <form id="contactForm" novalidate>
            <div class="form-group">
                <label for="name">Name:</label>
                <input type="text" id="name" name="name">
                <div class="error" id="nameError"></div>
            </div>
            <div class="form-group">
                <label for="email">Email:</label>
                <input type="email" id="email" name="email">
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

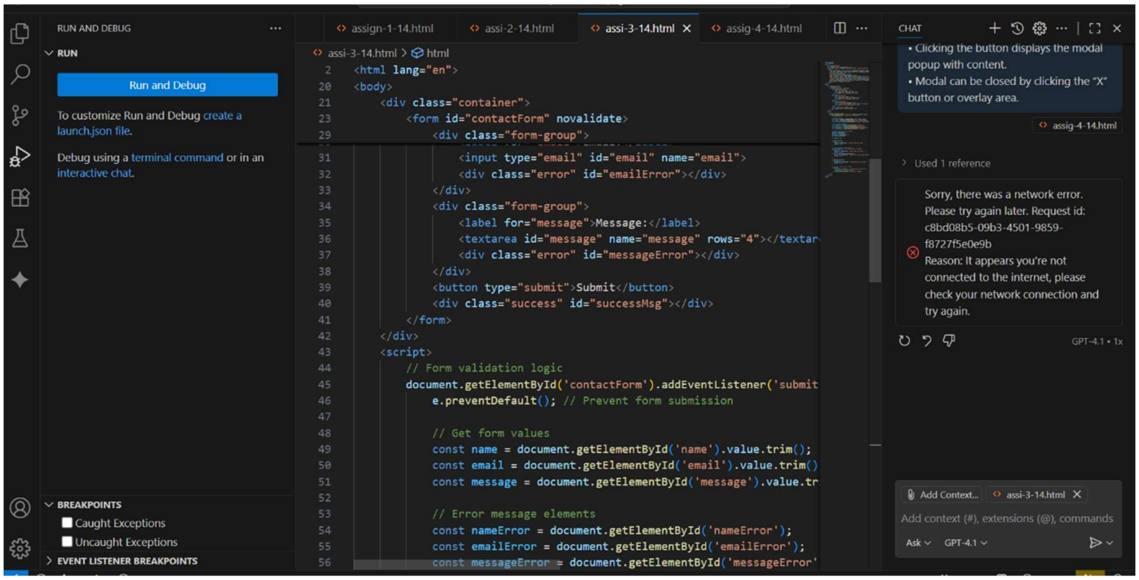
assig-4-14.html

Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x

Add context (#), extensions (@), commands


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-3-14.html > html
CHAT
Add Context...
assi-3-14.html
Ask
GPT-4.1

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

```html
<html lang="en">
<body>
    <div class="container">
        <form id="contactForm" novalidate>
            <div class="form-group">
                <input type="email" id="email" name="email">
                <div class="error" id="emailError"></div>
            </div>
            <div class="form-group">
                <label for="message">Message:</label>
                <textarea id="message" name="message" rows="4"></textar
                <div class="error" id="messageError"></div>
            </div>
            <button type="submit">Submit</button>
            <div class="success" id="successMsg"></div>
        </form>
    </div>
    <script>
        // Form validation logic
        document.getElementById('contactForm').addEventListener('submit
            e.preventDefault(); // Prevent form submission

            // Get form values
            const name = document.getElementById('name').value.trim();
            const email = document.getElementById('email').value.trim()
            const message = document.getElementById('message').value.tr

            // Error message elements
            const nameError = document.getElementById('nameError');
            const emailError = document.getElementById('emailError');
            const messageError = document.getElementById('messageError'
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

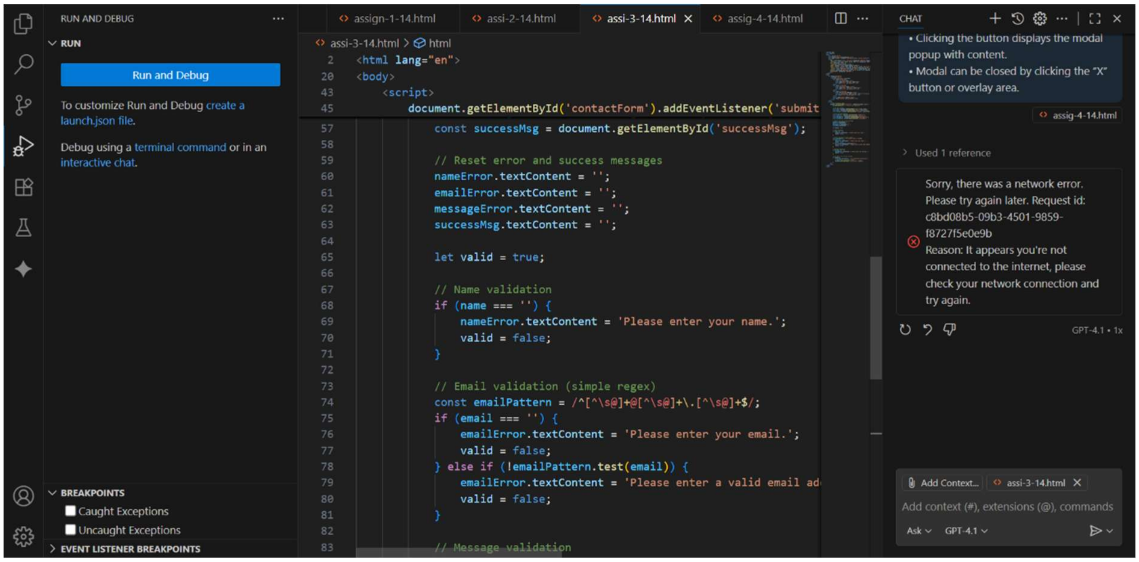
assig-4-14.html

Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x

Add context (#), extensions (@), commands


RUN AND DEBUG
RUN
Run and Debug

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

BREAKPOINTS

☐ Caught Exceptions
☐ Uncaught Exceptions

EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-3-14.html > html

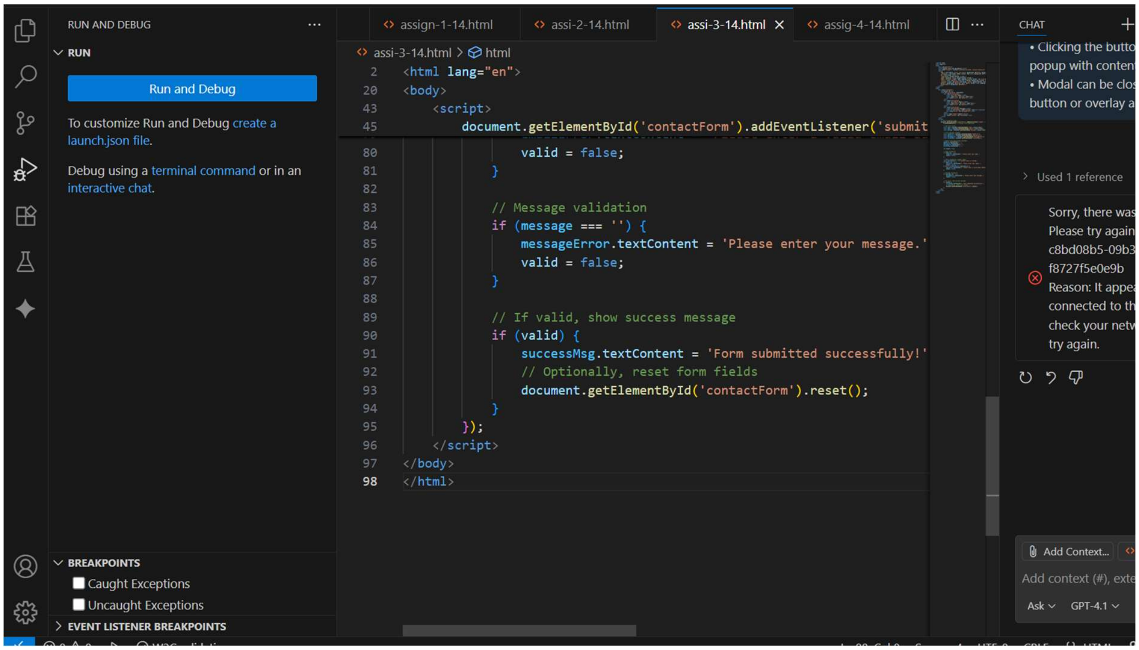
```
<html lang="en">
<body>
    <script>
        document.getElementById('contactForm').addEventListener('submit
            const successMsg = document.getElementById('successMsg');

            // Reset error and success messages
            nameError.textContent = '';
            emailError.textContent = '';
            messageError.textContent = '';
            successMsg.textContent = '';

            let valid = true;

            // Name validation
            if (name === '') {
                nameError.textContent = 'Please enter your name.';
                valid = false;
            }

            // Email validation (simple regex)
            const emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
            if (email === '') {
                emailError.textContent = 'Please enter your email.';
                valid = false;
            } else if (!emailPattern.test(email)) {
                emailError.textContent = 'Please enter a valid email ad
                valid = false;
            }

            // Message validation
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

assig-4-14.html
Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x
Add Context...
assi-3-14.html
Add context (#), extensions (@), commands
Ask
GPT-4.1


RUN AND DEBUG
RUN
Run and Debug

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

BREAKPOINTS

☐ Caught Exceptions
☐ Uncaught Exceptions

EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assi-3-14.html > html

```
<html lang="en">
<body>
    <script>
        document.getElementById('contactForm').addEventListener('submit
                valid = false;
            }

            // Message validation
            if (message === '') {
                messageError.textContent = 'Please enter your message.'
                valid = false;
            }

            // If valid, show success message
            if (valid) {
                successMsg.textContent = 'Form submitted successfully!'
                // Optionally, reset form fields
                document.getElementById('contactForm').reset();
            }
        });
    </script>
</body>
</html>
```

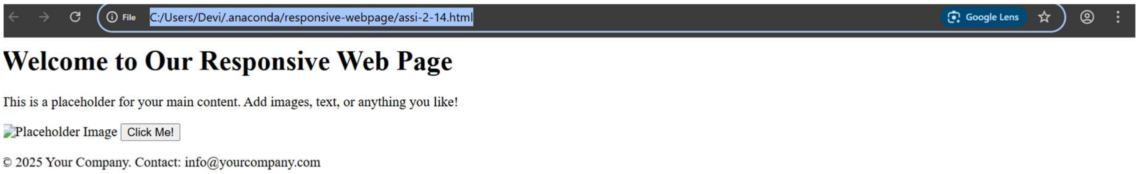
- Clicking the butto
popup with conten
- Modal can be clos
button or overlay a

Used 1 reference

Sorry, there was
Please try again
c8bd08b5-09b3
f8727f5e0e9b
Reason: It appe
connected to th
check your netw
try again.

Add Context...
Add context (#), exte
Ask
GPT-4.1

OUTPUT:



C:/Users/Devi/.anaconda/responsive-webpage/assi-2-14.html

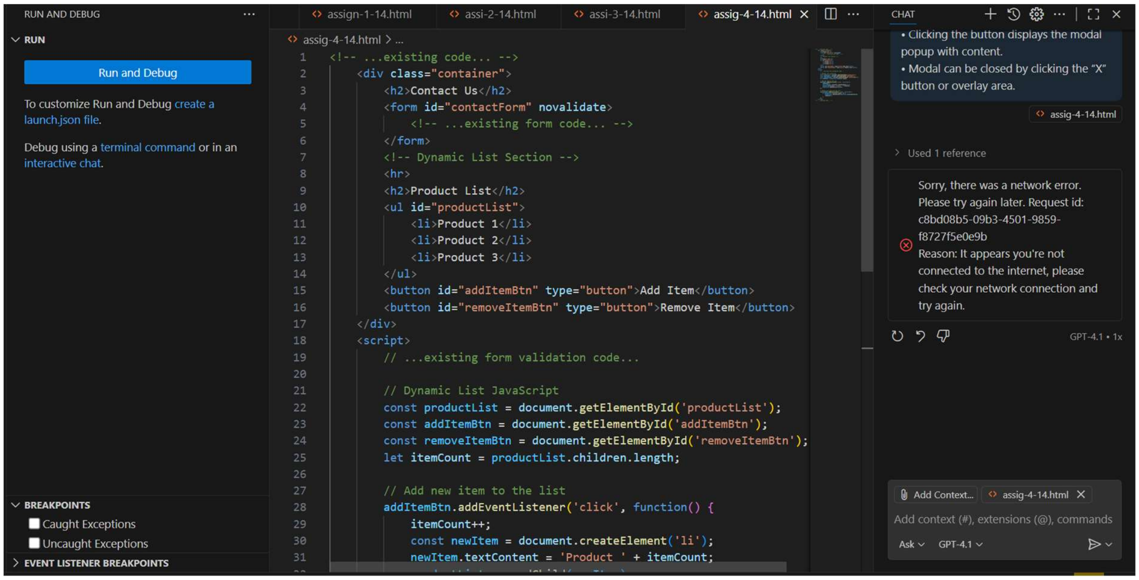
Welcome to Our Responsive Web Page

This is a placeholder for your main content. Add images, text, or anything you like!

Placeholder Image Click Me!

© 2025 Your Company. Contact: info@yourcompany.com

TASK-4:


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assig-4-14.html > ...
CHAT
Add Context...
Ask
GPT-4.1

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

```html
<!-- ...existing code... -->
    <div class="container">
        <h2>Contact Us</h2>
        <form id="contactForm" novalidate>
            <!-- ...existing form code... -->
        </form>
        <!-- Dynamic List Section -->
        <hr>
        <h2>Product List</h2>
        <ul id="productList">
            <li>Product 1</li>
            <li>Product 2</li>
            <li>Product 3</li>
        </ul>
        <button id="addItemBtn" type="button">Add Item</button>
        <button id="removeItemBtn" type="button">Remove Item</button>
    </div>
    <script>
        // ...existing form validation code...

        // Dynamic List JavaScript
        const productList = document.getElementById('productList');
        const addItemBtn = document.getElementById('addItemBtn');
        const removeItemBtn = document.getElementById('removeItemBtn');
        let itemCount = productList.children.length;

        // Add new item to the list
        addItemBtn.addEventListener('click', function() {
            itemCount++;
            const newItem = document.createElement('li');
            newItem.textContent = 'Product ' + itemCount;
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

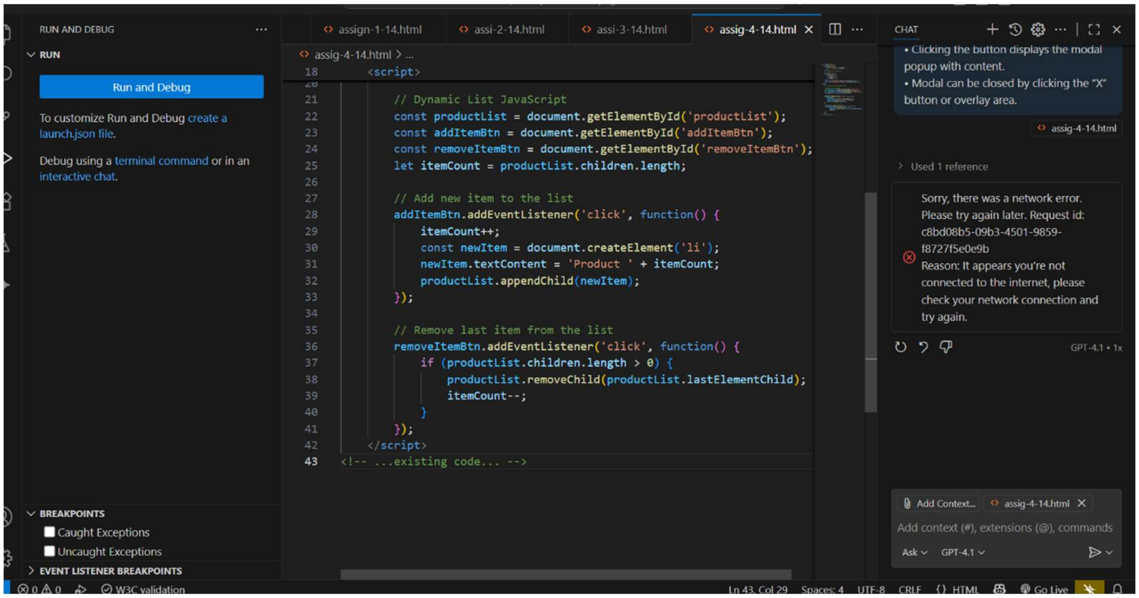
assig-4-14.html

Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x

Add context (#), extensions (@), commands


RUN AND DEBUG
RUN
Run and Debug
BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assign-1-14.html
assi-2-14.html
assi-3-14.html
assig-4-14.html
assig-4-14.html > ...
CHAT
Add Context...
Ask
GPT-4.1
⊗ 0 ⚠ 0
W3C validation
Ln 43, Col 29
Spaces: 4
UTF-8
CRLF
{} HTML
Go Live

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

```html
    <script>

        // Dynamic List JavaScript
        const productList = document.getElementById('productList');
        const addItemBtn = document.getElementById('addItemBtn');
        const removeItemBtn = document.getElementById('removeItemBtn');
        let itemCount = productList.children.length;

        // Add new item to the list
        addItemBtn.addEventListener('click', function() {
            itemCount++;
            const newItem = document.createElement('li');
            newItem.textContent = 'Product ' + itemCount;
            productList.appendChild(newItem);
        });

        // Remove last item from the list
        removeItemBtn.addEventListener('click', function() {
            if (productList.children.length > 0) {
                productList.removeChild(productList.lastElementChild);
                itemCount--;
            }
        });
    </script>
<!-- ...existing code... -->
```

- Clicking the button displays the modal popup with content.
- Modal can be closed by clicking the "X" button or overlay area.

assig-4-14.html

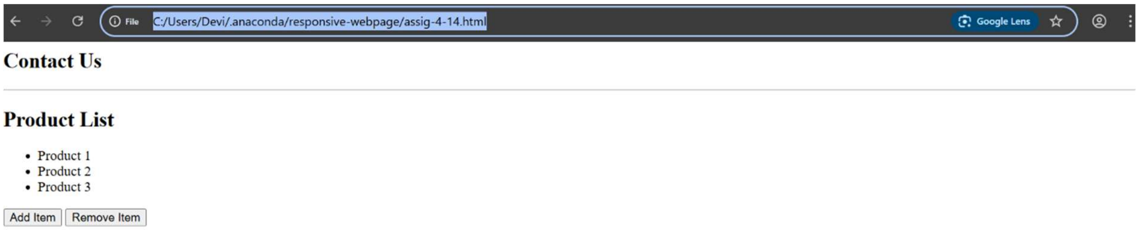
Used 1 reference

Sorry, there was a network error. Please try again later. Request id: c8bd08b5-09b3-4501-9859-f8727f5e0e9b
Reason: It appears you're not connected to the internet, please check your network connection and try again.

GPT-4.1 • 1x

Add context (#), extensions (@), commands

OUTPUT:


File
C:/Users/Devi/.anaconda/responsive-webpage/assig-4-14.html
Google Lens

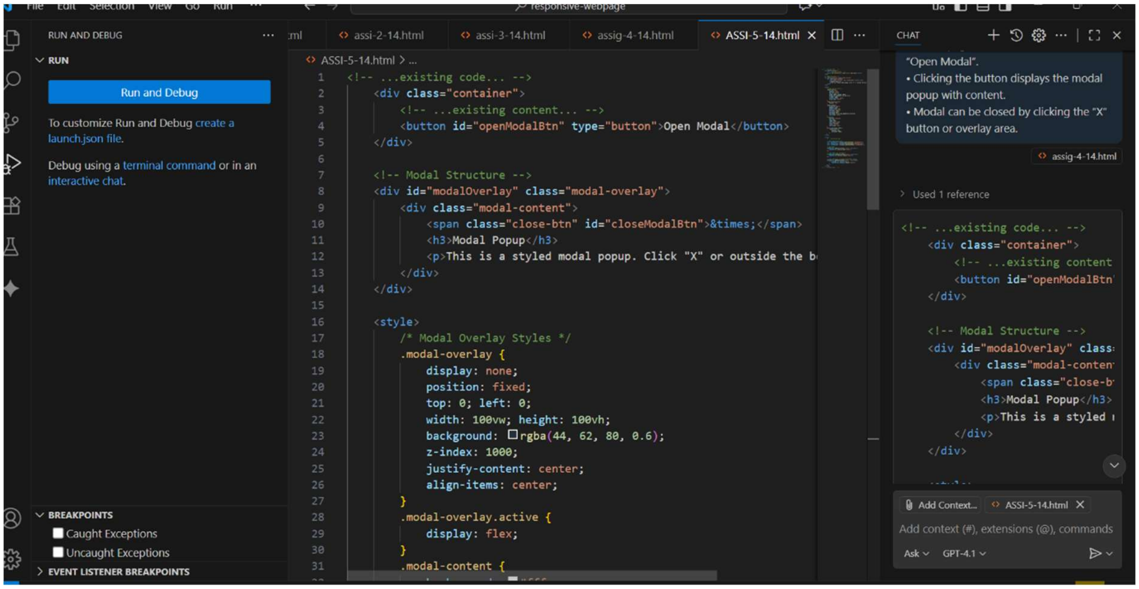
Contact Us

Product List

- Product 1
- Product 2
- Product 3

Add Item
Remove Item

TASK-5:


File Edit Selection View Go Run ...
responsive-webpage
RUN AND DEBUG
RUN
Run and Debug

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BREAKPOINTS
☐ Caught Exceptions
☐ Uncaught Exceptions
EVENT LISTENER BREAKPOINTS
assi-2-14.html
assi-3-14.html
assig-4-14.html
ASSI-5-14.html
ASSI-5-14.html > ...

```
<!-- ...existing code... -->
    <div class="container">
        <!-- ...existing content... -->
        <button id="openModalBtn" type="button">Open Modal</button>
    </div>

    <!-- Modal Structure -->
    <div id="modalOverlay" class="modal-overlay">
        <div class="modal-content">
            <span class="close-btn" id="closeModalBtn">&times;</span>
            <h3>Modal Popup</h3>
            <p>This is a styled modal popup. Click "X" or outside the b
        </div>
    </div>

    <style>
        /* Modal Overlay Styles */
        .modal-overlay {
            display: none;
            position: fixed;
            top: 0; left: 0;
            width: 100vw; height: 100vh;
            background: rgba(44, 62, 80, 0.6);
            z-index: 1000;
            justify-content: center;
            align-items: center;
        }
        .modal-overlay.active {
            display: flex;
        }
        .modal-content {
```

"Open Modal".
• Clicking the button displays the modal popup with content.
• Modal can be closed by clicking the "X" button or overlay area.

assig-4-14.html
Used 1 reference

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<!-- ...existing code... -->
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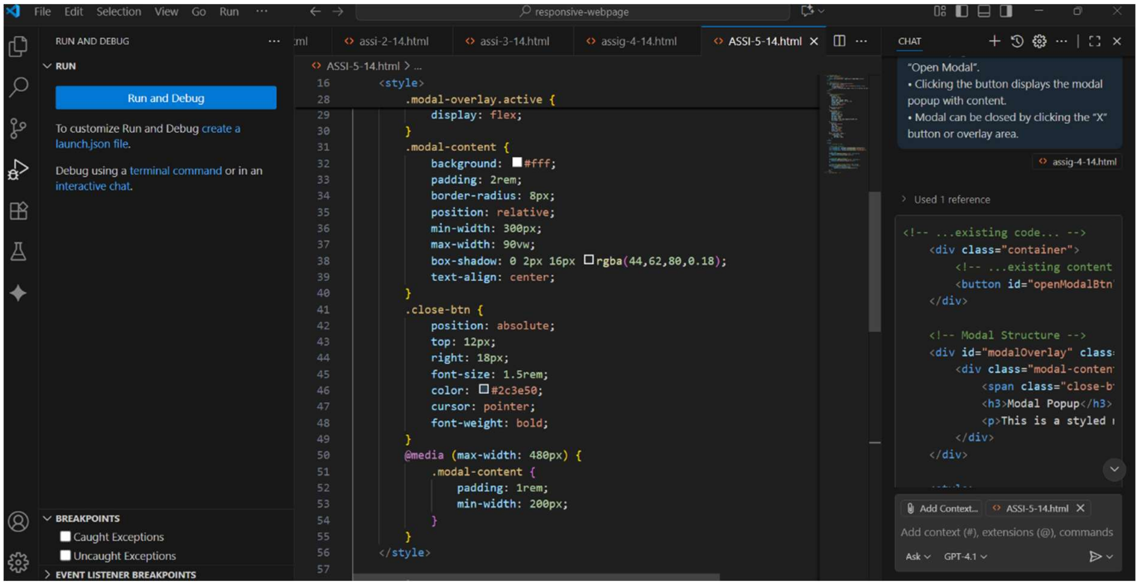
Add Context...
ASSI-5-14.html
Add context (#), extensions (@), commands
Ask
GPT-4.1


File Edit Selection View Go Run ···
responsive-webpage
RUN AND DEBUG
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:ml
assi-2-14.html
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assig-4-14.html
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CHAT
BREAKPOINTS
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EVENT LISTENER BREAKPOINTS

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```
    <style>
        .modal-overlay.active {
            display: flex;
        }
        .modal-content {
            background: #fff;
            padding: 2rem;
            border-radius: 8px;
            position: relative;
            min-width: 300px;
            max-width: 90vw;
            box-shadow: 0 2px 16px rgba(44,62,80,0.18);
            text-align: center;
        }
        .close-btn {
            position: absolute;
            top: 12px;
            right: 18px;
            font-size: 1.5rem;
            color: #2c3e50;
            cursor: pointer;
            font-weight: bold;
        }
        @media (max-width: 480px) {
            .modal-content {
                padding: 1rem;
                min-width: 200px;
            }
        }
    </style>
```

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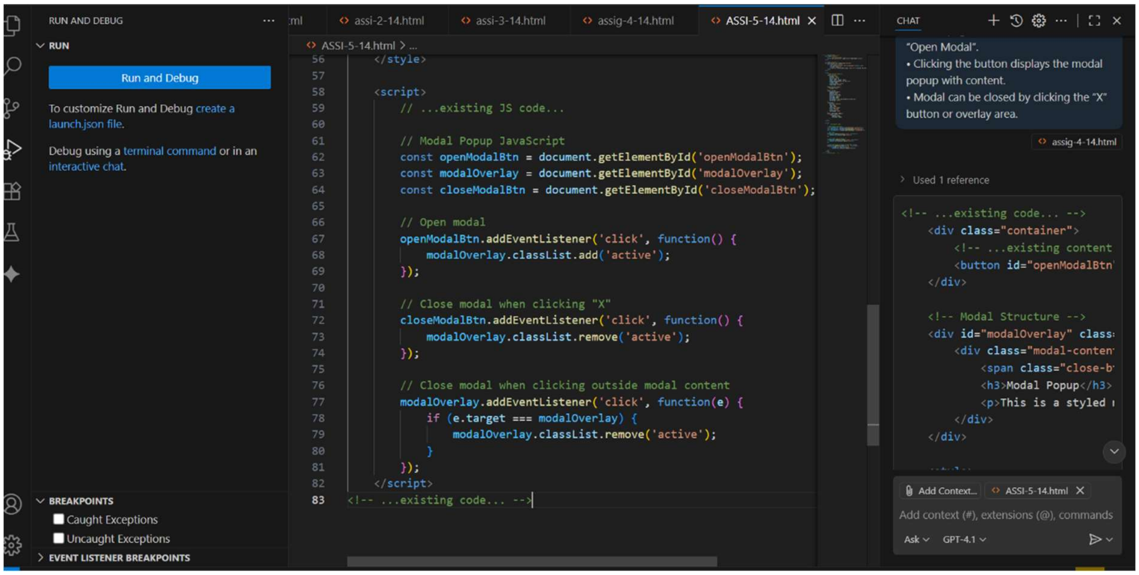
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```
    </style>

    <script>
        // ...existing JS code...

        // Modal Popup JavaScript
        const openModalBtn = document.getElementById('openModalBtn');
        const modalOverlay = document.getElementById('modalOverlay');
        const closeModalBtn = document.getElementById('closeModalBtn');

        // Open modal
        openModalBtn.addEventListener('click', function() {
            modalOverlay.classList.add('active');
        });

        // Close modal when clicking "X"
        closeModalBtn.addEventListener('click', function() {
            modalOverlay.classList.remove('active');
        });

        // Close modal when clicking outside modal content
        modalOverlay.addEventListener('click', function(e) {
            if (e.target === modalOverlay) {
                modalOverlay.classList.remove('active');
            }
        });
    </script>
<!-- ...existing code... -->
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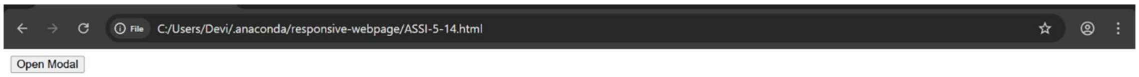

C:/Users/Devi/.anaconda/responsive-webpage/ASSI-5-14.html

File
Open Modal