

## BRIEF EXPLANATION OF DESIGN DECISIONS:

### HTML Structure:

- **HTML:** Used `<header>`, `<main>`, `<section>`, `<footer>` for better accessibility.
- **Simple Navigation:** Basic anchor links with IDs for smooth scrolling.
- **Form Elements:** Standard input types with proper labels and validation attributes.

### CSS Styling:

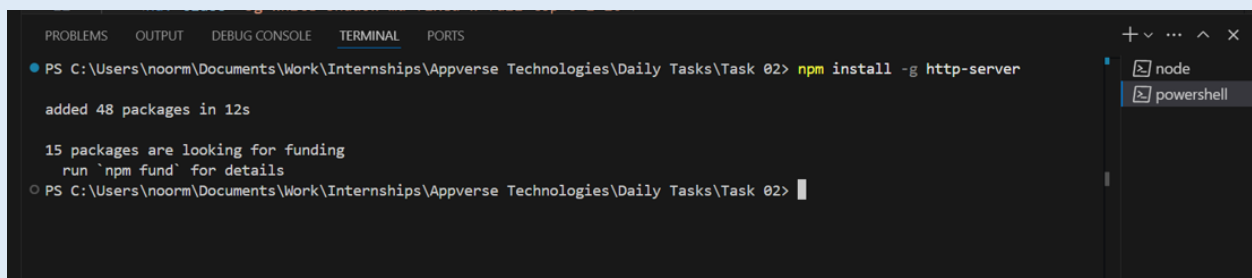
- **CSS Reset:** Normalized browser defaults with `* { margin: 0; padding: 0; box-sizing: border-box; }`.
- **Responsive Design:** Mobile-first approach with media queries for tablets (768px) and phones (480px).
- **Color Scheme:** Professional blue (`#007bff`) with neutral grays for contrast.
- **Layout:** Flexbox for navigation, centered content with max-width for readability.
- **Visual Feedback:** Hover effects, focus states, and transitions for better UX.

### JavaScript Functionality:

- **Event-Driven:** All interactions use `addEventListener()` for better performance.
- **DOM Manipulation:** Dynamic content updates without page refresh.
- **Form Validation:** Client-side validation with visual feedback.
- **Smooth Scrolling:** Enhanced navigation experience.

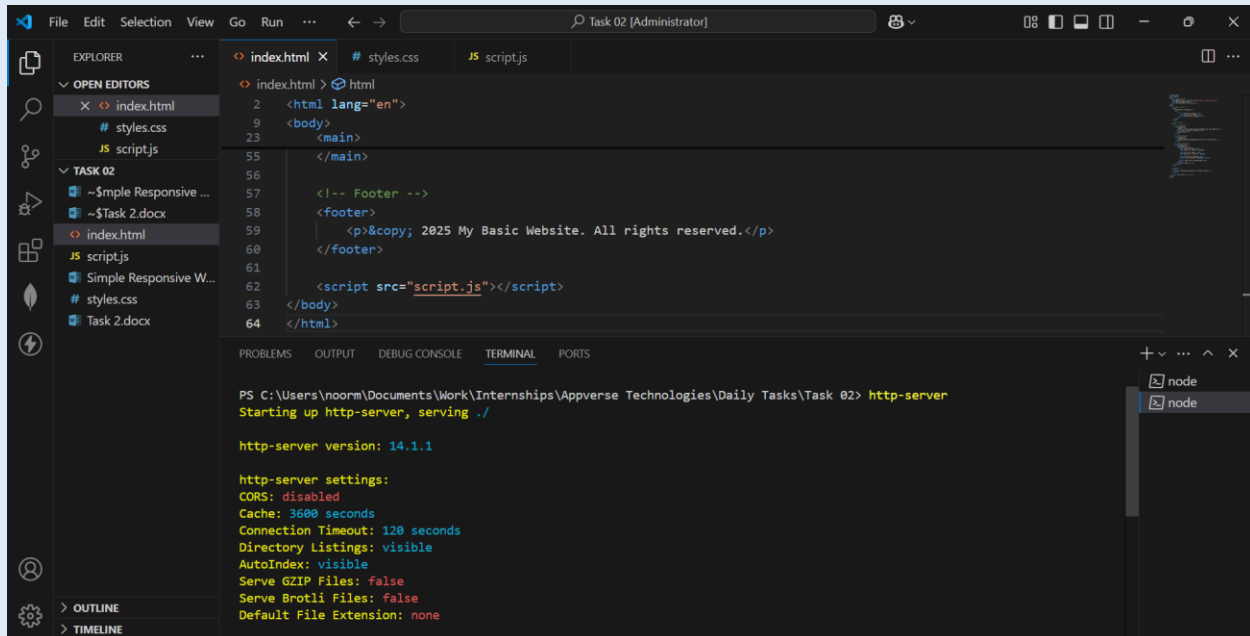
## STEPS TO RUN WEBSITE:

**npm install -g http-server**



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
• PS C:\Users\norm\Documents\Work\Internships\Appverse Technologies\Daily Tasks\Task 02> npm install -g http-server
added 48 packages in 12s

15 packages are looking for funding
  run 'npm fund' for details
○ PS C:\Users\norm\Documents\Work\Internships\Appverse Technologies\Daily Tasks\Task 02>
```

**http-server**

The screenshot shows the Visual Studio Code interface with the Explorer, Search, and Run and Debug toolbars. The Explorer sidebar on the left shows the file structure for 'TASK 02', including 'index.html', 'styles.css', and 'script.js'. The main editor area displays the 'index.html' file with the following code:

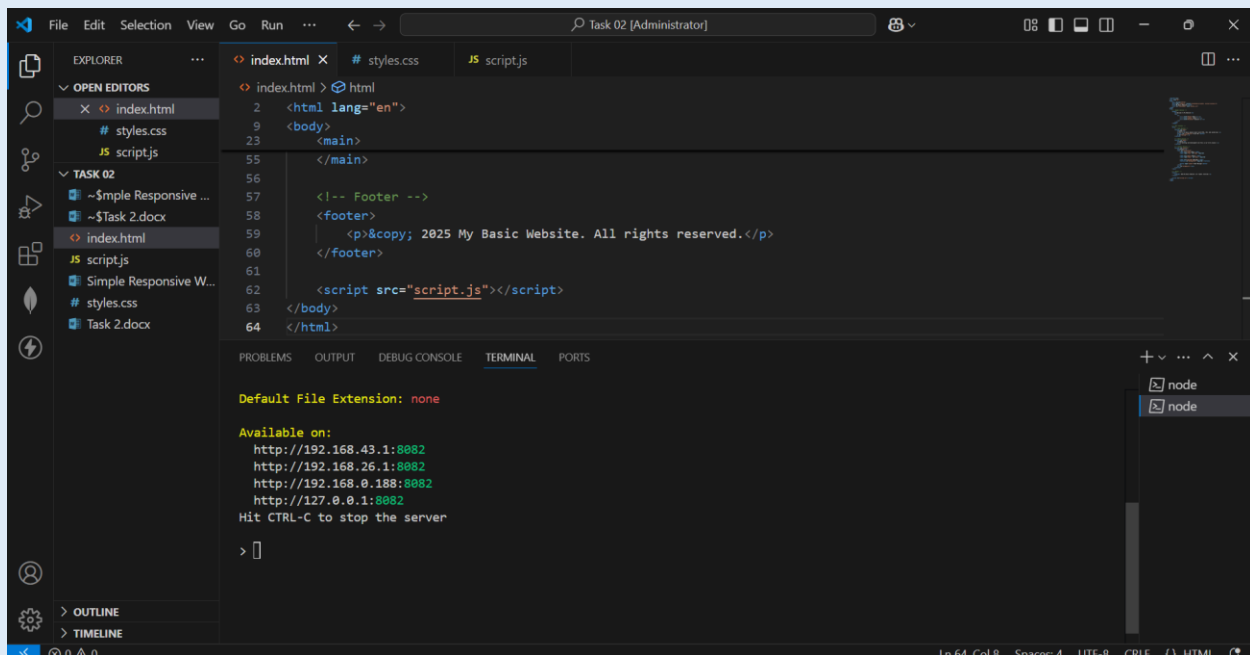
```
1 <html lang="en">
2   <body>
3     <main>
4       </main>
5     <!-- Footer -->
6     <footer>
7       <p>&copy; 2025 My Basic Website. All rights reserved.</p>
8     </footer>
9     <script src="script.js"></script>
10  </body>
11 </html>
```

The Run and Debug toolbar at the bottom shows the 'TERMINAL' tab selected. The terminal output displays the command 'http-server' being executed in the PowerShell console, followed by the server version (14.1.1) and its settings:

```
PS C:\Users\norm\Documents\Work\Internships\Appverse Technologies\Daily Tasks\Task 02> http-server
Starting up http-server, serving ./

http-server version: 14.1.1

http-server settings:
CORS: disabled
Cache: 3600 seconds
Connection Timeout: 120 seconds
Directory Listings: visible
AutoIndex: visible
Serve GZIP Files: false
Serve Brotli Files: false
Default File Extension: none
```



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1 <html lang="en">
2   <body>
3     <main>
4       </main>
5     <!-- Footer -->
6     <footer>
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8     </footer>
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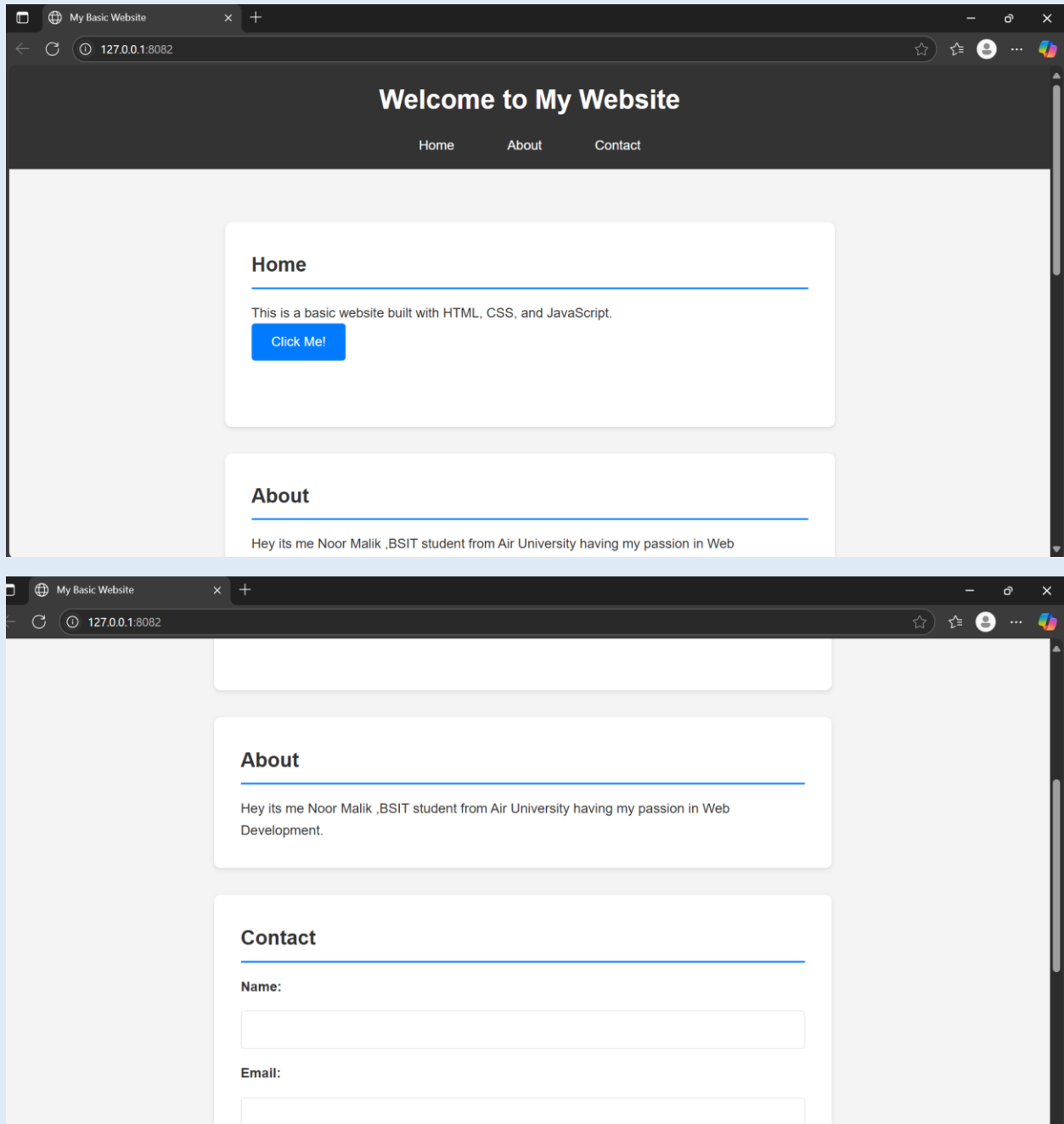
http-server version: 14.1.1

http-server settings:
CORS: disabled
Cache: 3600 seconds
Connection Timeout: 120 seconds
Directory Listings: visible
AutoIndex: visible
Serve GZIP Files: false
Serve Brotli Files: false
Default File Extension: none

Available on:
http://192.168.43.1:8082
http://192.168.26.1:8082
http://192.168.0.188:8082
http://127.0.0.1:8082
Hit CTRL-C to stop the server

> |
```

**<http://127.0.0.1:8082>**



The image shows a web browser window with a single tab titled "My Basic Website". The address bar displays the IP address "127.0.0.1:8082". The main content area features a light beige background with a white contact form centered on the page. The form is titled "Contact" in bold black text, followed by a horizontal blue line. Below the title, there are three input fields: "Name:" with a single-line text box, "Email:" with a single-line text box, and "Message:" with a larger multi-line text box. At the bottom of the form is a solid blue button with the text "Send Message" in white. The browser's footer area is dark gray and contains the text "© 2025 Noor Malik. All rights reserved." on the right side.