

Part 3: Debugging Challenge (10 min)

Problems in the Given Code

1. **Missing semicolon** after color: blue.
2. font-size property isn't separated properly (needs ;).
3. In <p> CSS:
 - font family → should be font-family.
 - color red → should be color: red;.
4. <h1> opened but closed with </h2>.
5. tag has no alt text and isn't self-closed (best practice).
6. No <!DOCTYPE html> and <html lang="en">.
7. Missing <meta charset> for good practice.

8. Corrected Code

```
9. <!DOCTYPE html>
10. <html lang="en">
11. <head>
12.   <meta charset="UTF-8">
13.   <title>My Page</title>
14.   <style>
15.     h1 {
16.       color: blue;
17.       font-size: 24px;
18.     }
19.     p {
20.       font-family: Arial, sans-serif;
21.       color: red;
22.     }
23.   </style>
24. </head>
25. <body>
26.   <header>
27.     <h1>Welcome to my site</h1>
28.   </header>
29.
30.   <main>
31.     <p>This is my bio. I love coding.</p>
32.     
33.   </main>
34. </body>
35. </html>
```