HTML

<body>lecture</body>
The Web

- HTTP
- URL
- Web Servers
- HTML
- Web Browsers
<!DOCTYPE html>
<html>
  <head>
    <title>Sample page</title>
  </head>
  <body>
    <h1>Sample page</h1>
    <p>This is a <a href="demo.html">simple</a> sample.</p>
    <!-- this is a comment -->
  </body>
</html>
HTML - compatible

• Support existing content
• Be nice to popular browsers
• Pave the cowpaths
• Evolution, not revolution
HTML - design

https://www.w3.org/TR/html-design-principles/

- Solve real-world problems
- Secure by design
- Separation of concerns
- Universal Access
HTML - new elements

- Semantic elements for structure
  `<article>`, `<aside>`, `<figure>`, `<footer>`, `<header>`, `<nav>`, `<section>`, `<details>`, `<summary>`
- Web forms
  `<datalist>`, `<meter>`, `<progress>`, `<menu>`, `<output>`
- `<audio>`, `<video>`
- `<canvas>`
CSS

html {display: none}
CSS - design

- Where to add style?
- Selectors
- CSS dev workflow
- Layout
- Responsive Design
- CSS tools