

# HTML

```
<body>lecture</body>
```

# The Web

- HTTP
- URL
- Web Servers
- HTML
- Web Browsers

# HTML

```
<!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