
HTML .



목차

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1 HTML 개요

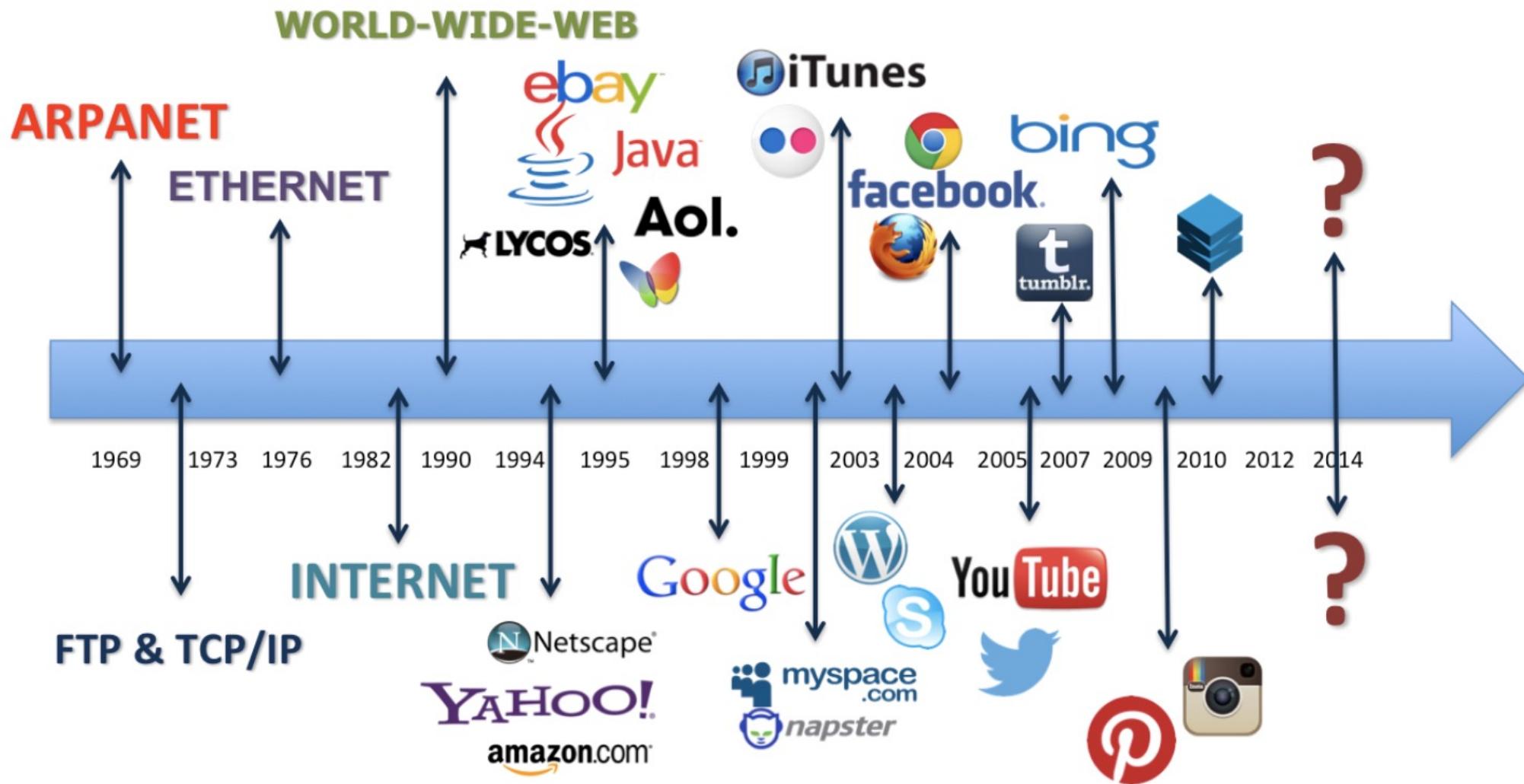
2 HTML5 태그

3 잡동사니

Part 1 HTML5 기본

HTML 역사





Part 1

인터넷의 시작

• 팀 버너스리



CERN DD/OC
Information Management: A Proposal

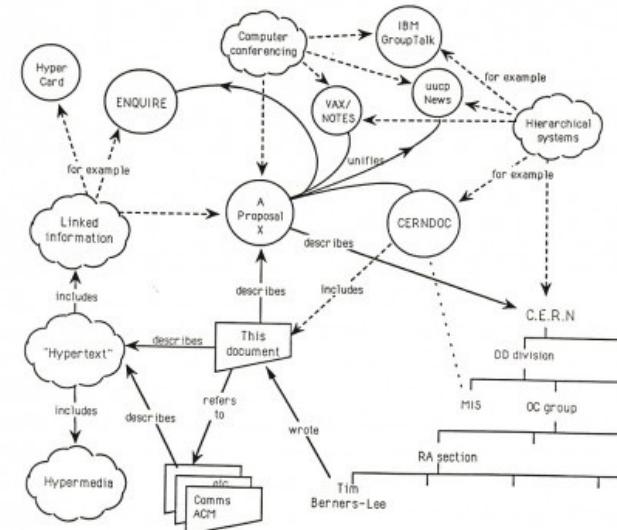
Tim Berners-Lee, CERN/DD
March 1989

Information Management: A Proposal

Abstract

This proposal concerns the management of general information about accelerators and experiments at CERN. It discusses the problems of loss of information about complex evolving systems and derives a solution based on a distributed hypertext system.

Keywords: Hypertext, Computer conferencing, Document retrieval, Information management, Project control

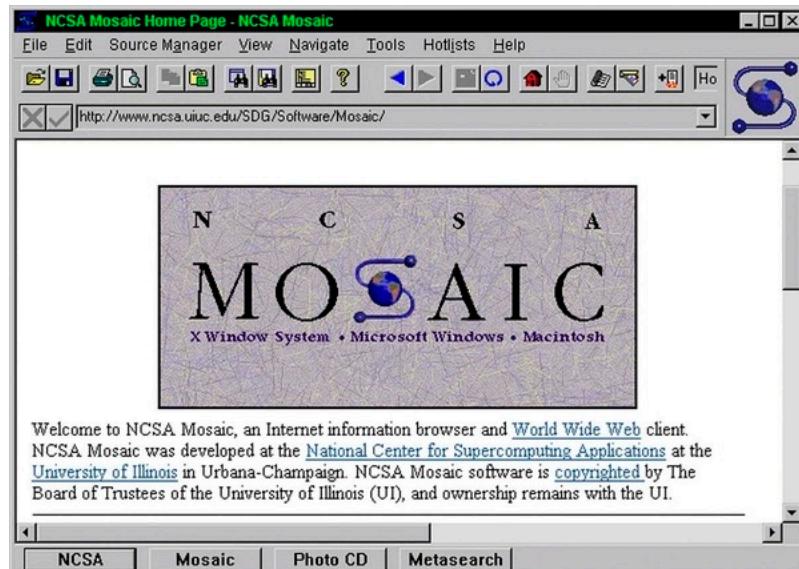


- HTML 버전

버전	발표 연도
HTML 1	1991년 10월
HTML 2	1995년 11월
HTML 3	1997년 1월
HTML 4	1997년 12월
HTML 5	2014년 10월

Part 1

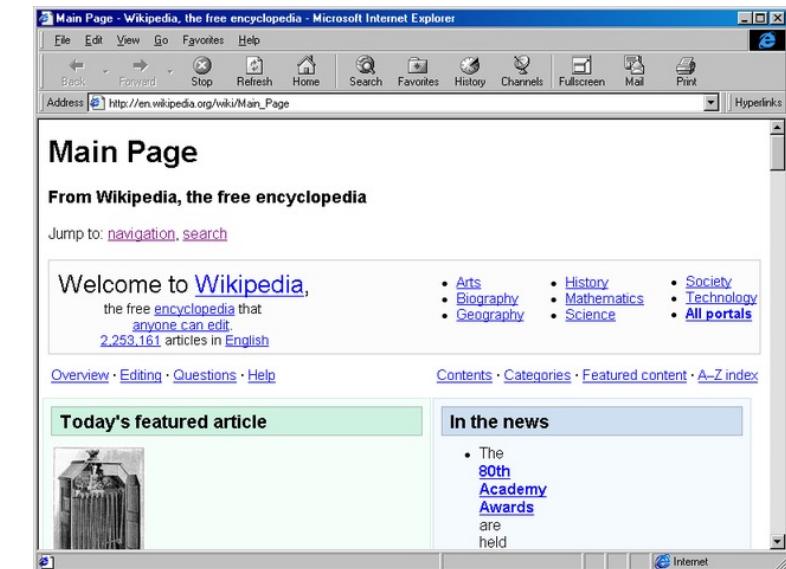
제1차 웹 브라우저 전쟁



모자이크



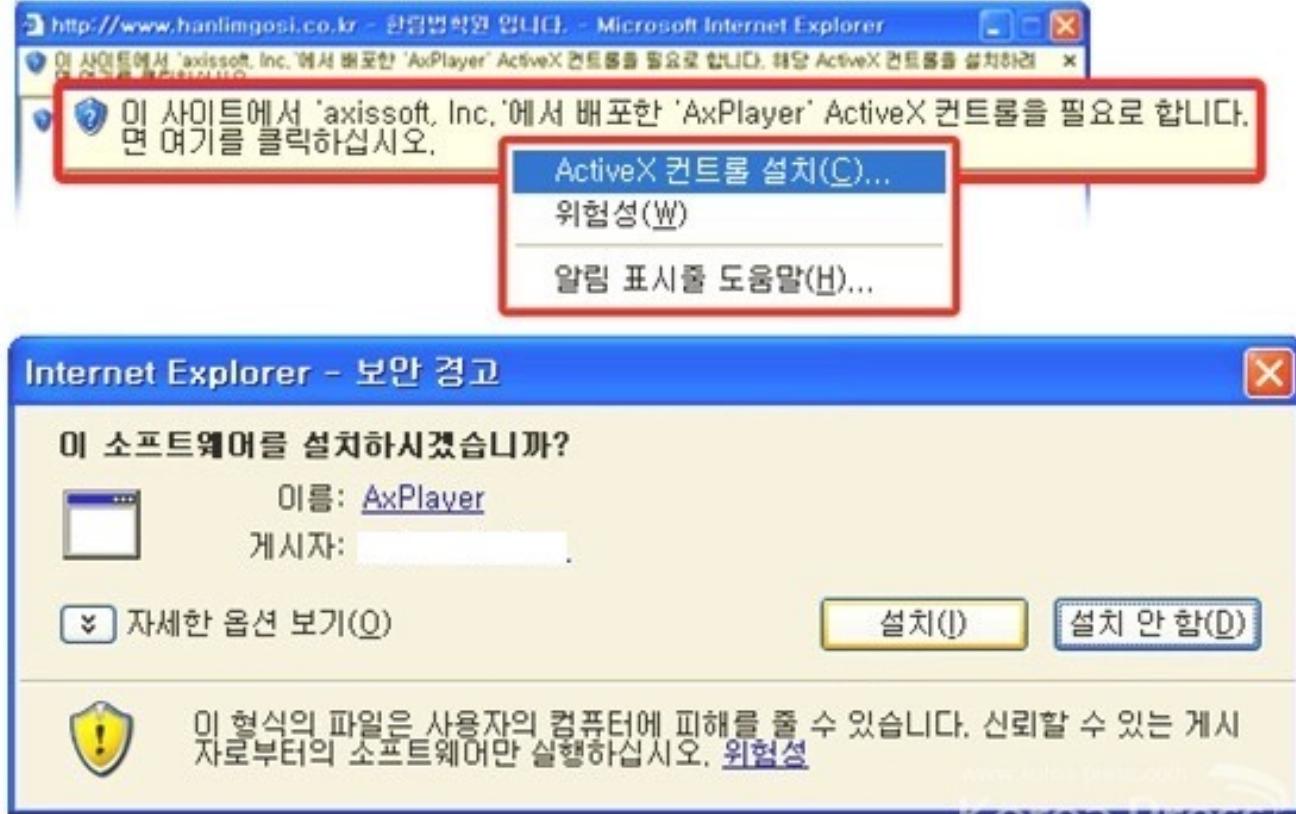
넷스케이프

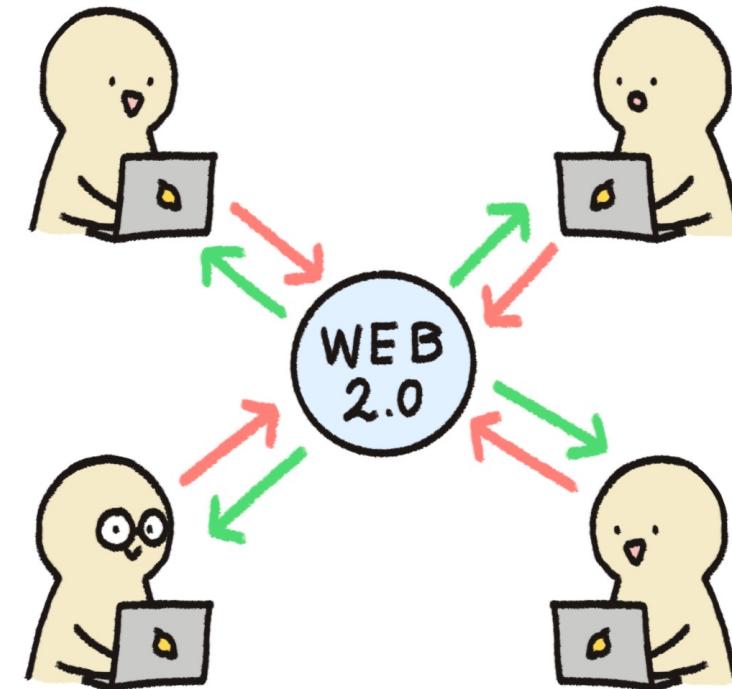
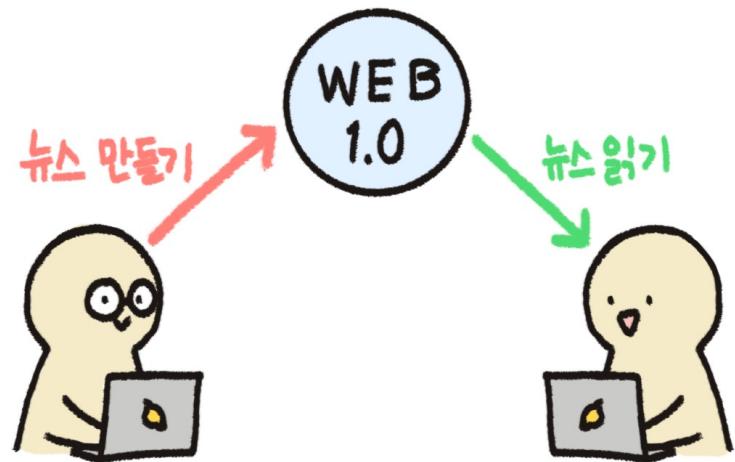


인터넷 익스플로러

Part 1

플러그인







출처 : <https://ko.wikipedia.org/wiki/WHATWG>

제2차 웹 브라우저 전쟁



마이크로소프트의 인터넷 익스플로러 지원 중단

특정 운영 체제에 대한 Internet Explorer 11 데스크톱 애플리케이션 지원 종료

IE(Internet Explorer) 11은 Internet Explorer의 마지막 주 버전입니다. 2022년 6월 15일에 Internet Explorer 11 데스크톱 애플리케이션이 Windows 10*의 특정 버전에 대한 지원을 종료했습니다.

고객은 레거시 및 최신 웹 사이트와 앱을 지원하는 Microsoft Edge[↗]로 이동하는 것이 좋습니다. 기존 Internet Explorer 기반 사이트 및 앱에 의존하는 조직의 경우 IE(Internet Explorer) 모드[↗]를 사용하여 Microsoft Edge에서 열리도록 사이트를 구성해야 합니다.

Microsoft Edge의 Internet Explorer 모드는 이전 버전과의 호환이 가능하며 최소 2029년까지 지원됩니다. 또한 Microsoft는 IE 모드 사용 중지 1년 전에 알림을 제공할 것입니다. Microsoft Edge를 지원하는 운영 체제 목록을 보려면 [여기](#)로 이동하세요.

모든 장치에서 Microsoft Edge로 탐색

macOS

Microsoft Edge는 Mac에서도 원활하게 사용할 수 있게 설계되었습니다.

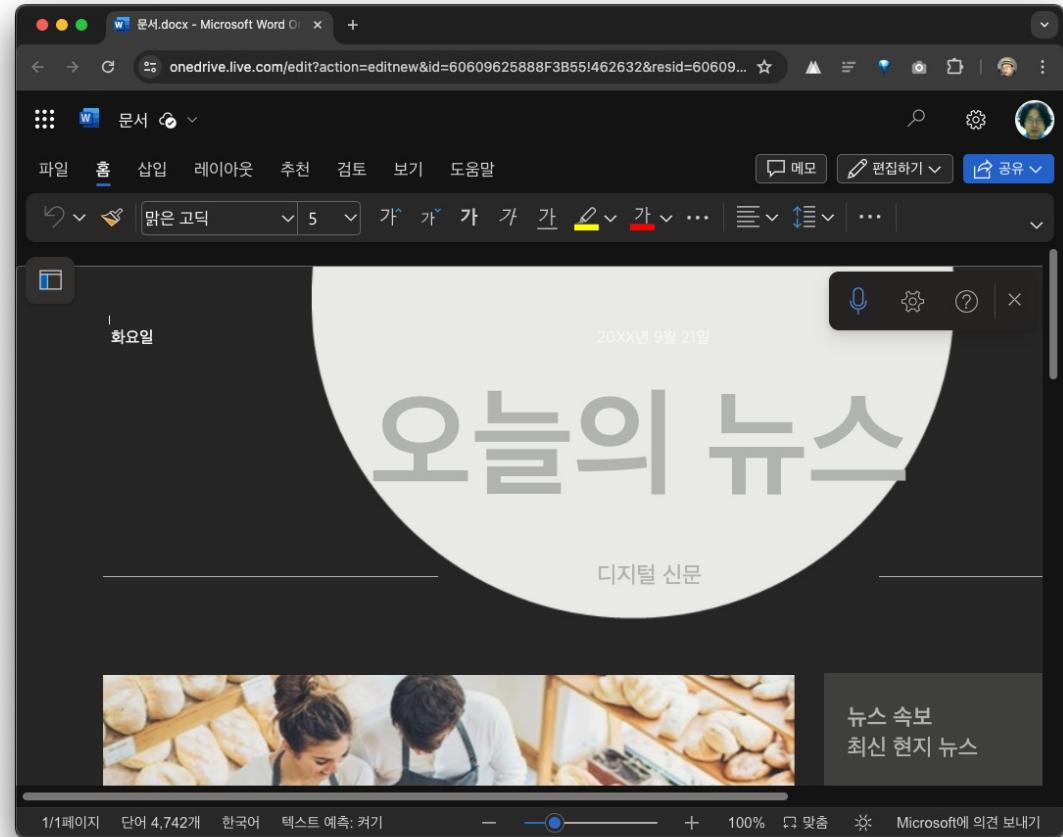
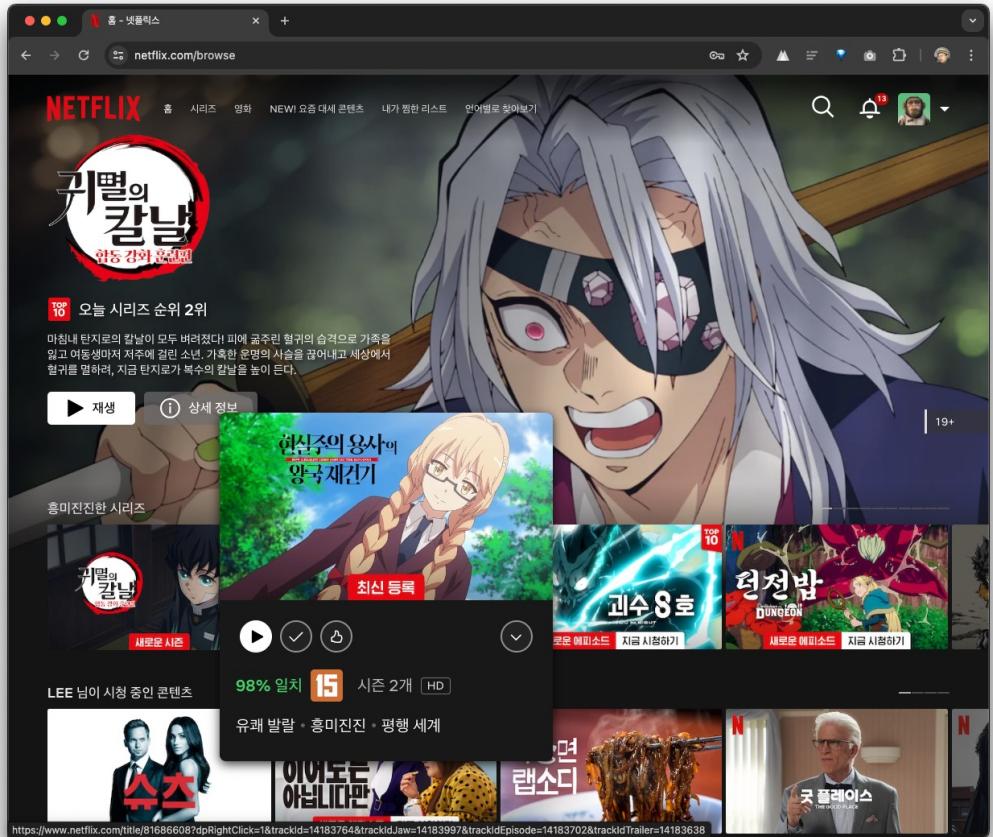
다운로드
macOS의 경우

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. The background is blurred.

HTML5 필요성

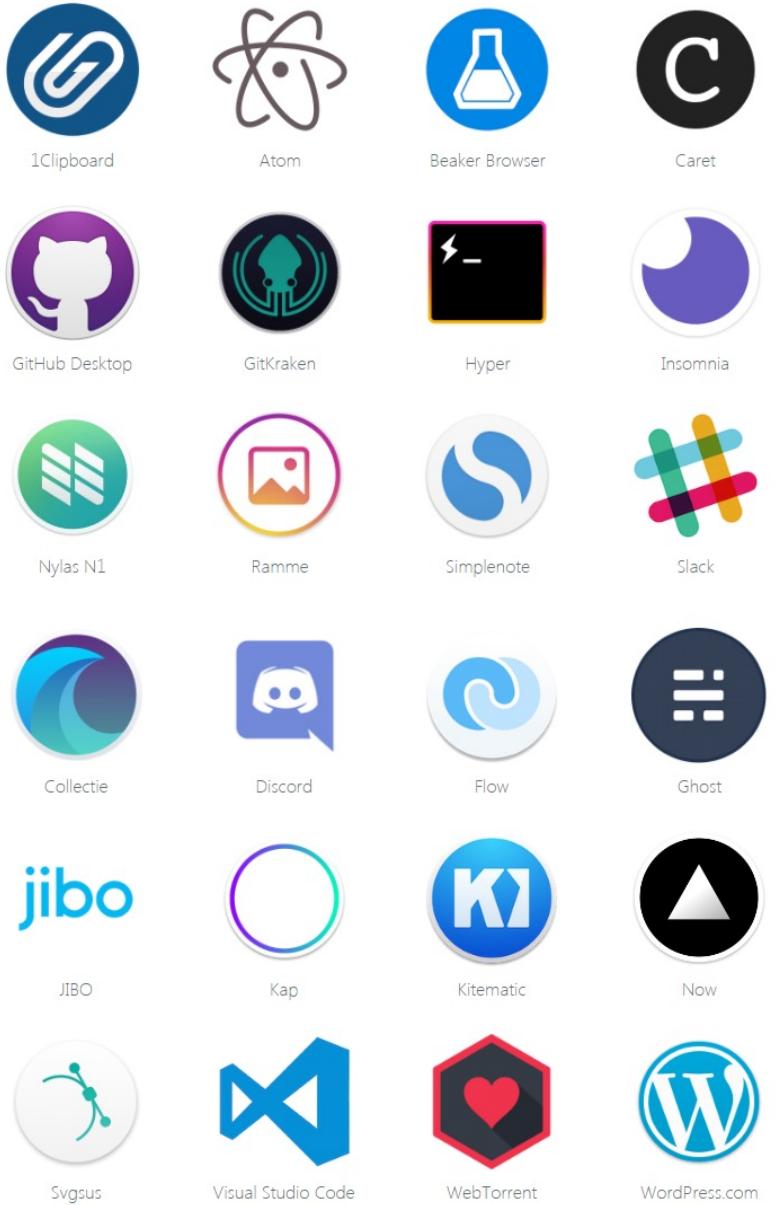
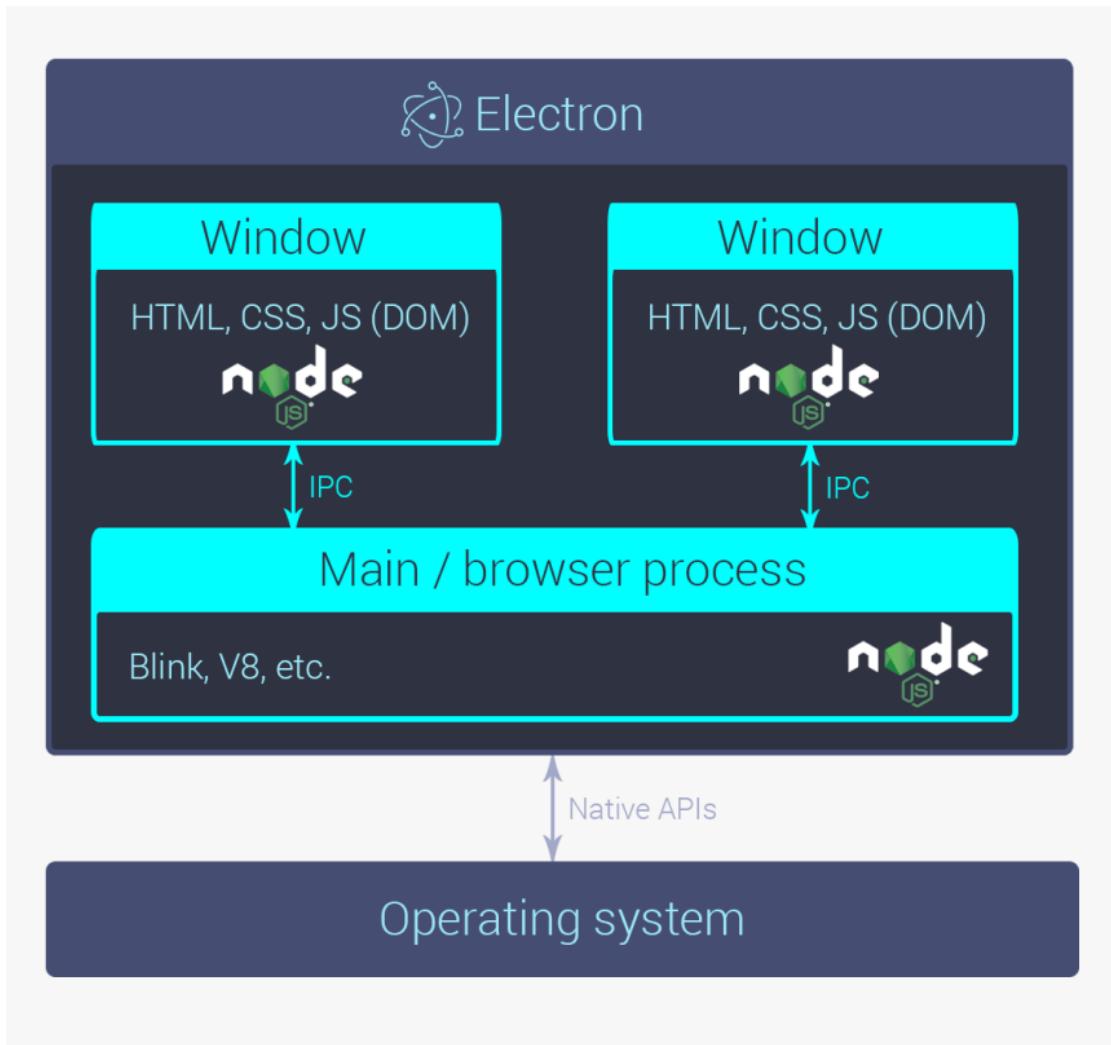
Part 1

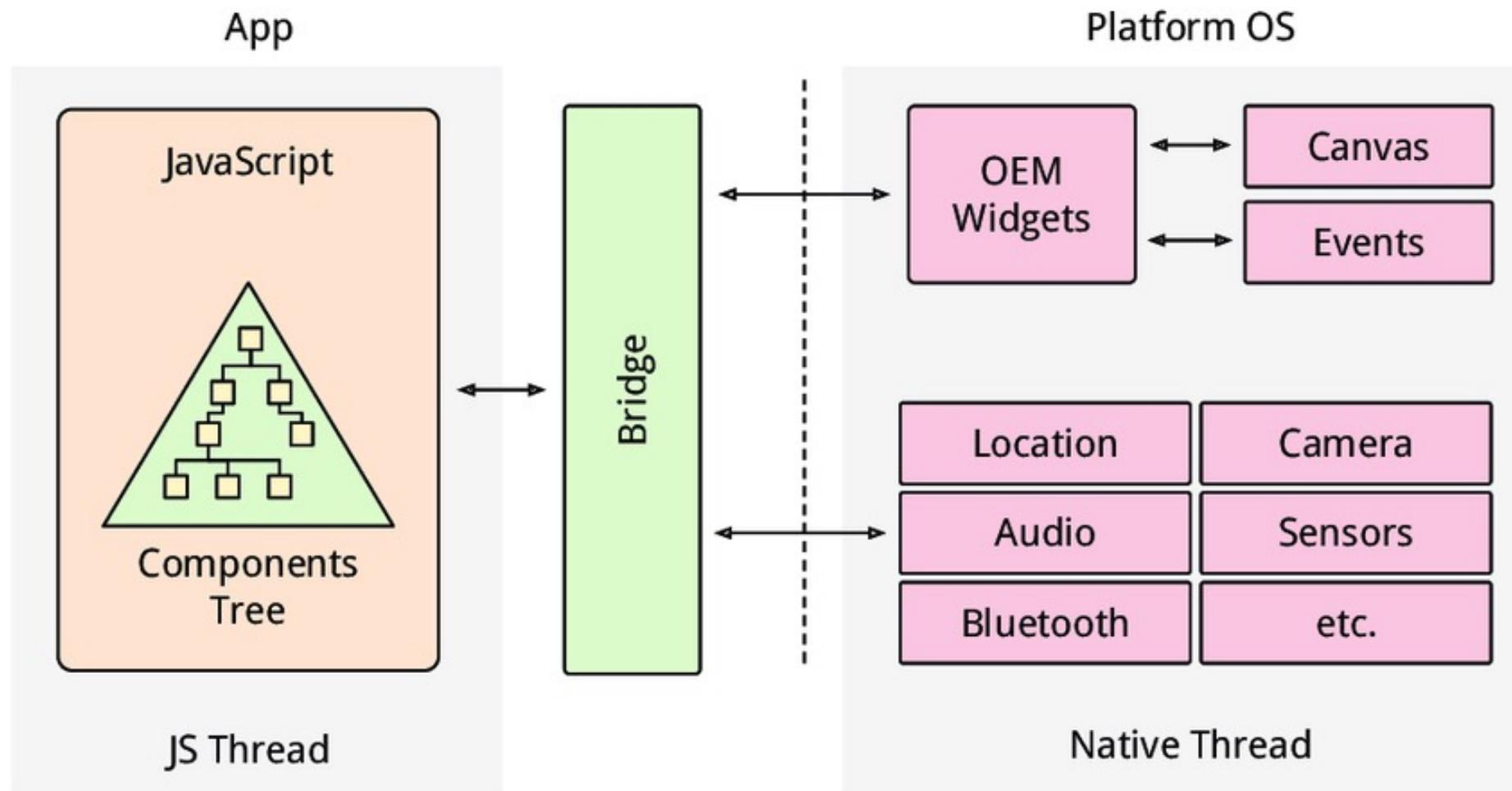
애플리케이션 수준의 웹페이지



Part 1

일렉트론



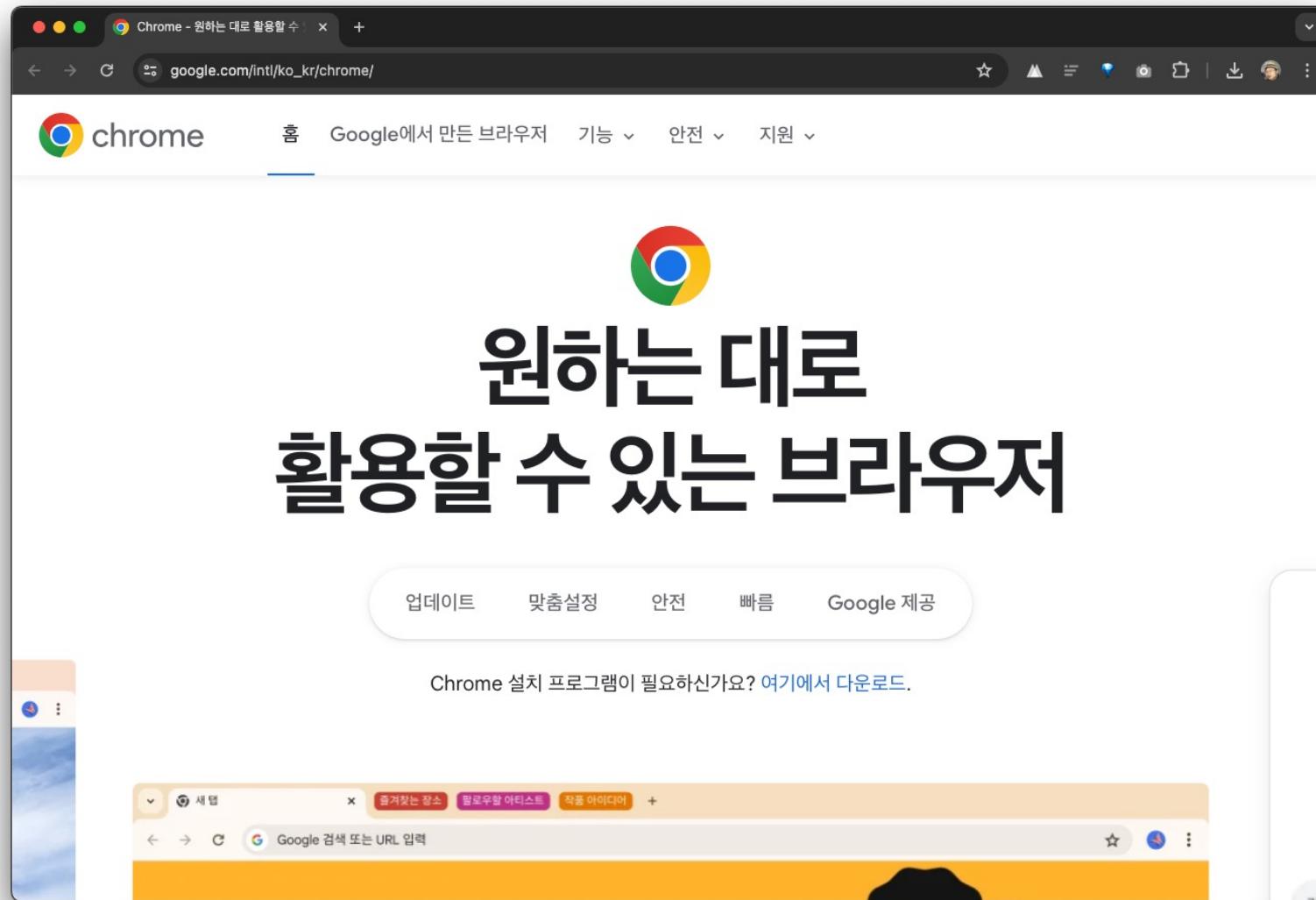


A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. A large, semi-transparent white rectangular box is overlaid on the center-left portion of the image. Inside this box, the text "HTML5 작성" is displayed in a bold, black, sans-serif font.

HTML5 작성

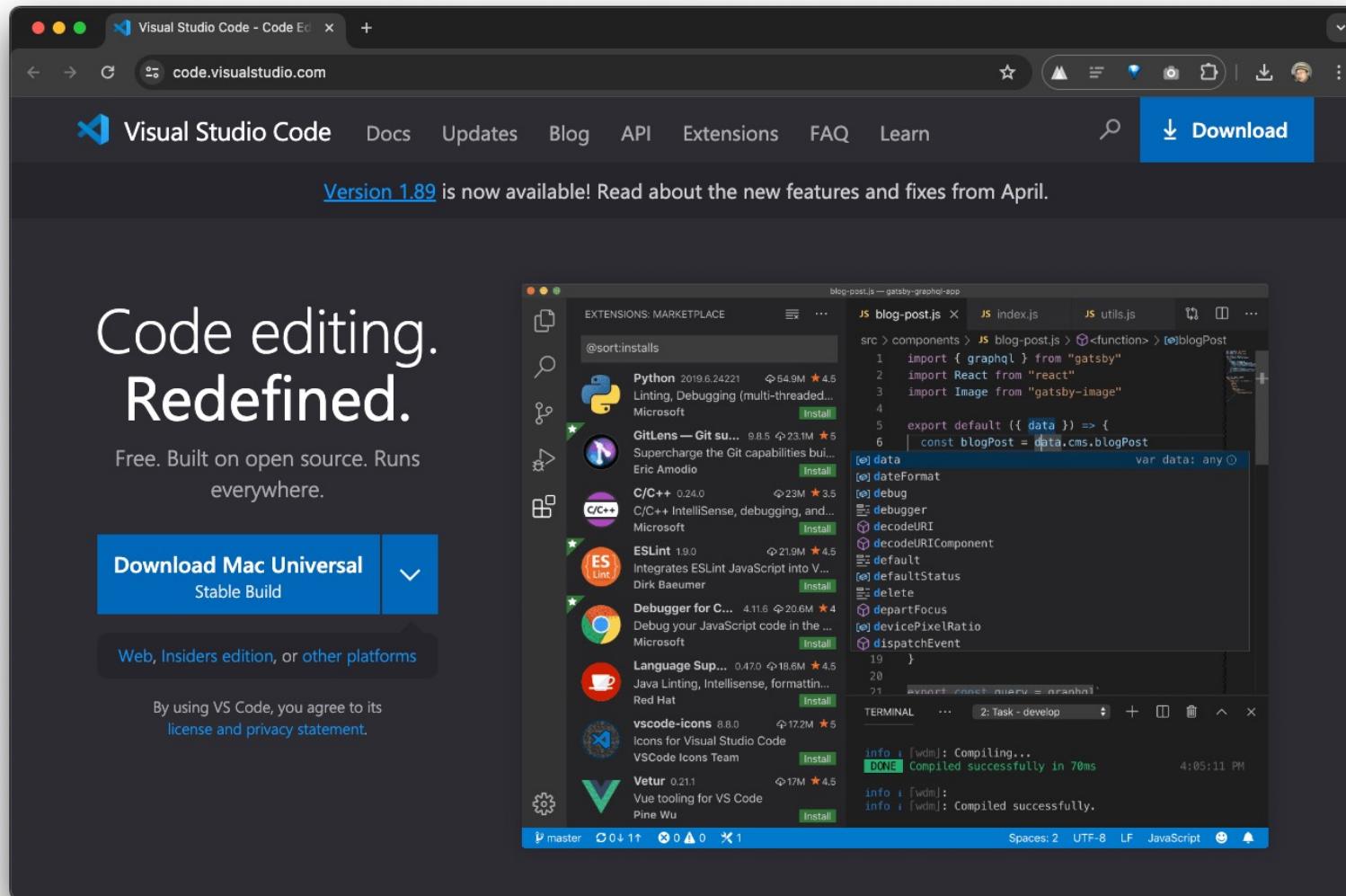
Part 1

구글 크롬 설치



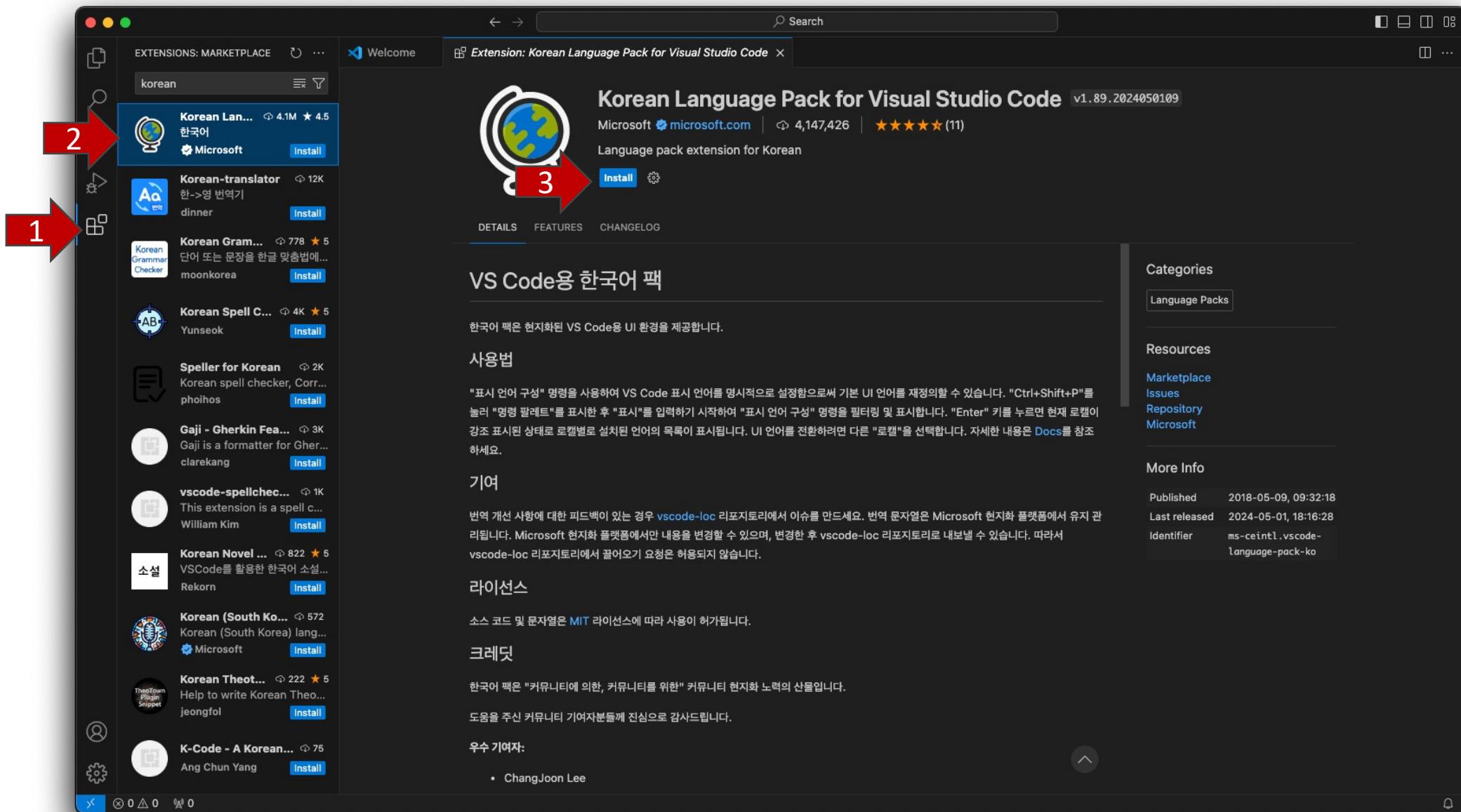
Part 1

Visual Studio Code 설치



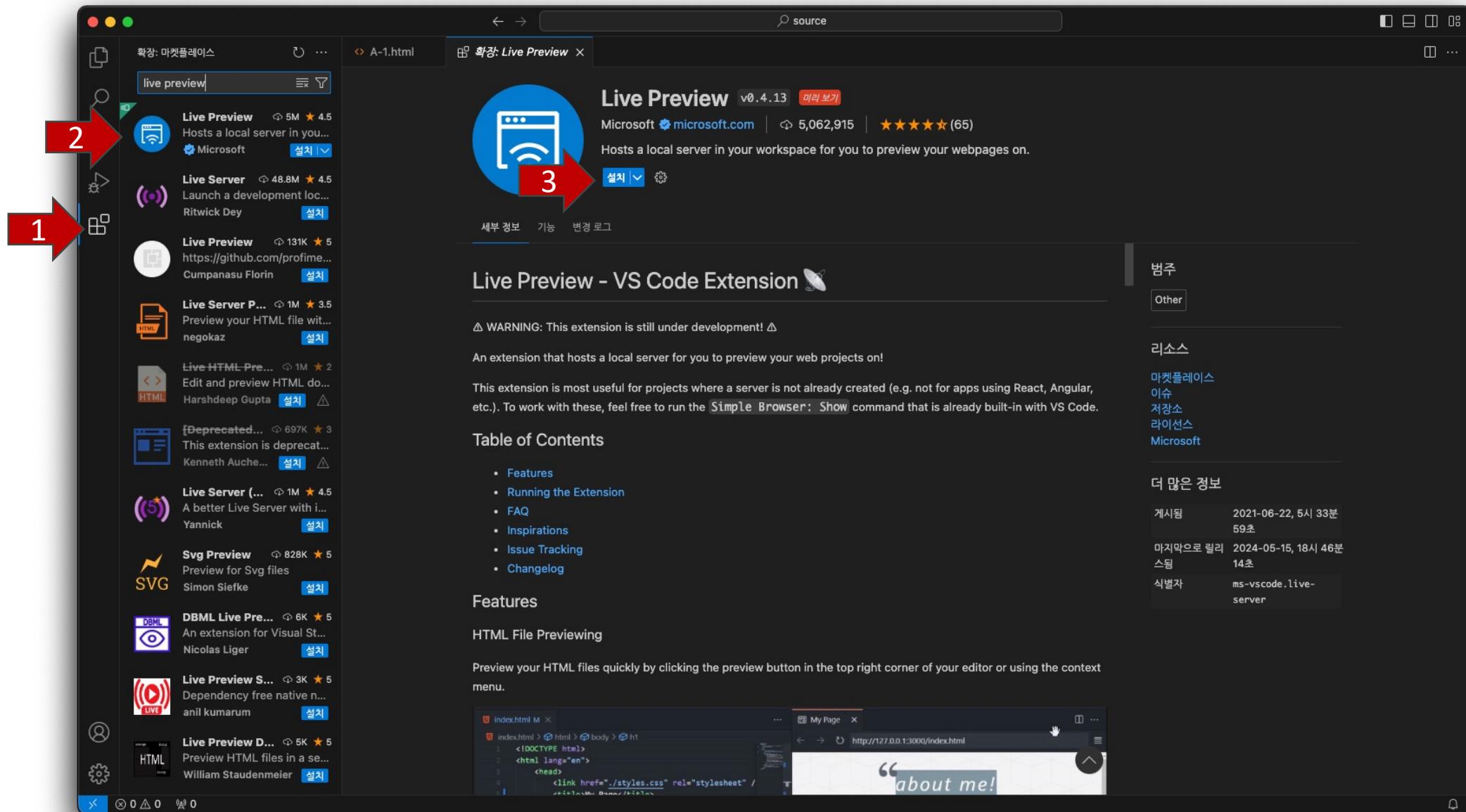
Part 1

Visual Studio Code 플러그인 설치



Part 1

Visual Studio Code 플러그인 설치



Part 1

HTML 페이지 작성

The screenshot shows a dark-themed code editor interface. In the top left, there are window control buttons (red, yellow, green) and a search bar labeled "source". The top right contains icons for zooming and closing. On the far left is a vertical toolbar with icons for file operations, search, refresh, and other developer tools. The main workspace shows a file named "HTMLPage.html" with the first line of code being "1 html". A dropdown menu titled "Emmet Abbreviation" is open over the "html" text, listing three options: "html", "html:5", and "html:xml". The status bar at the bottom displays file statistics: 줄 1, 열 5, 공백: 4, UTF-8, LF, HTML, and 포트: 3000.

```
1 html
  ↗ html
  ↗ html:5 Emmet Abbreviation
  ↗ html:xml
```

줄 1, 열 5 공백: 4 UTF-8 LF HTML 포트: 3000

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
</body>
</html>
```

줄 11, 열 8 공백: 4 UTF-8 LF HTML 포트: 3000

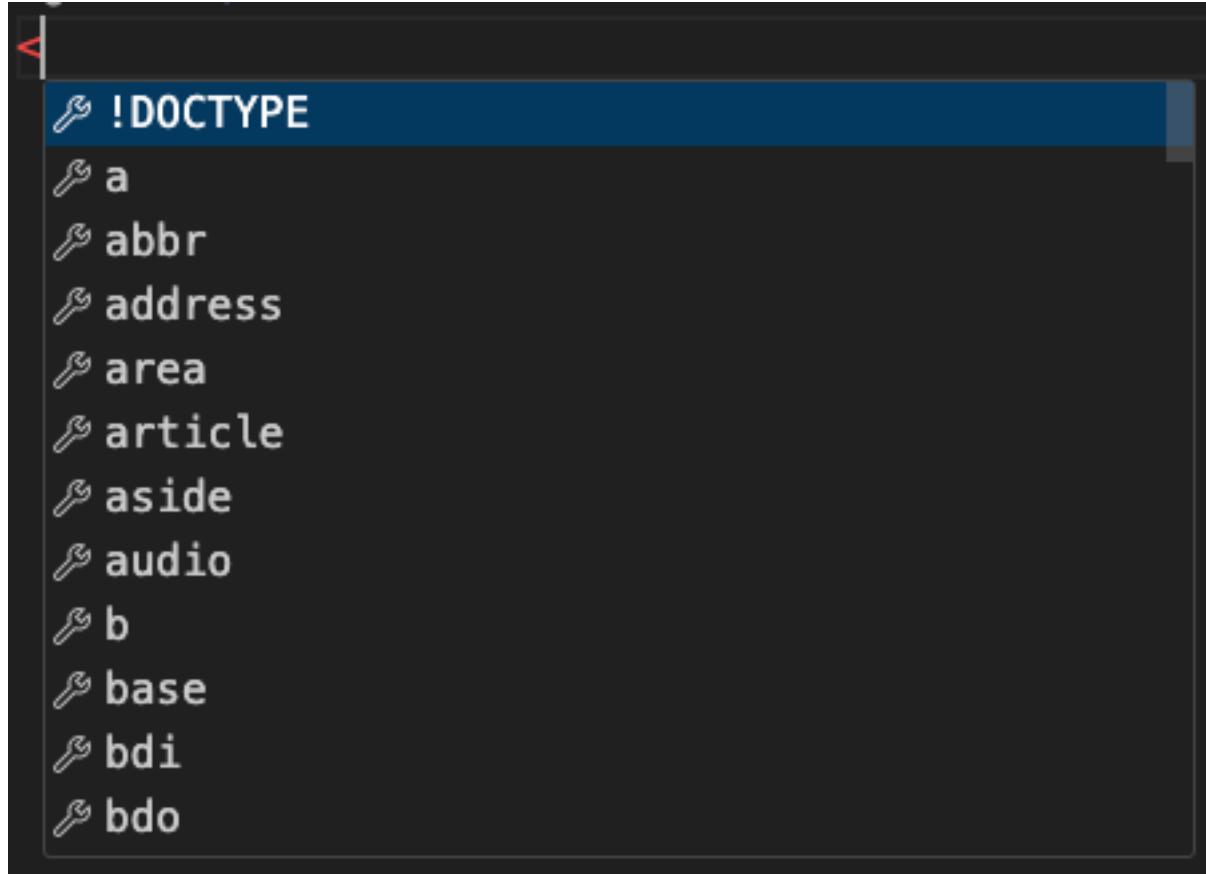
Part 1

HTML 페이지 작성

The screenshot shows a dark-themed web development environment or browser window. On the left, the file tree displays a single file named "HTMLPage.html". The code editor pane contains the following HTML code:

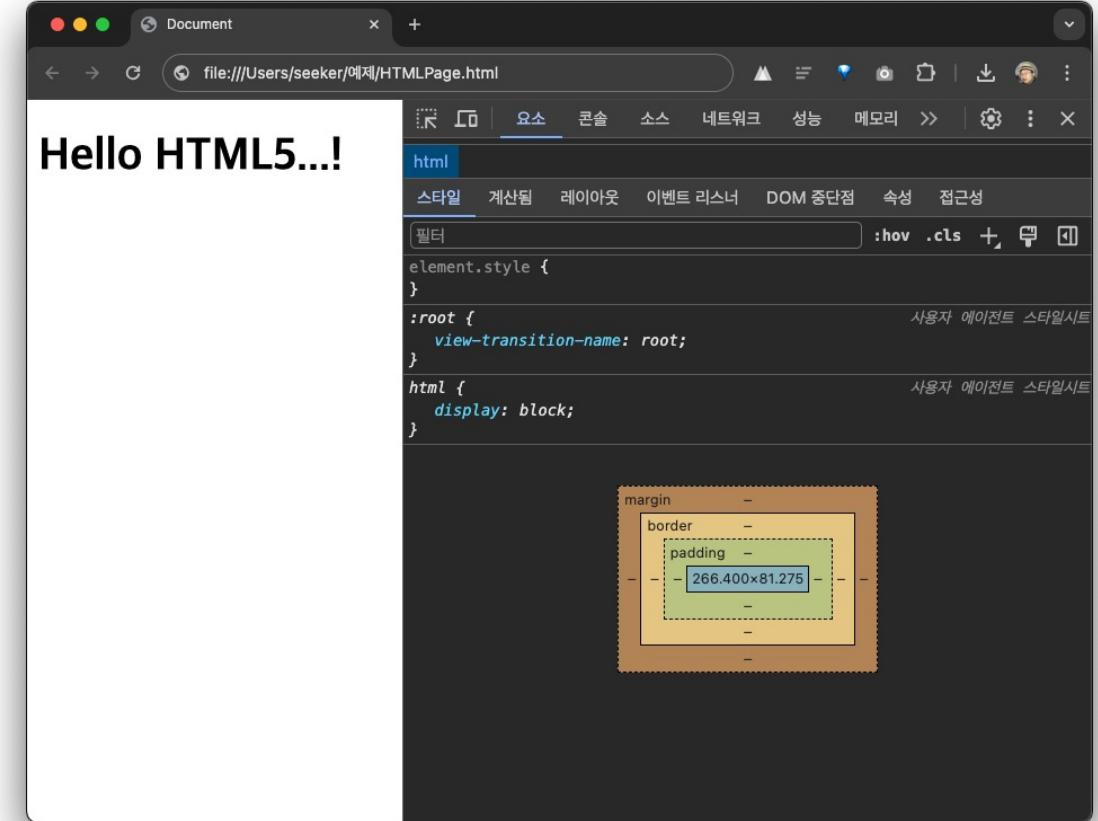
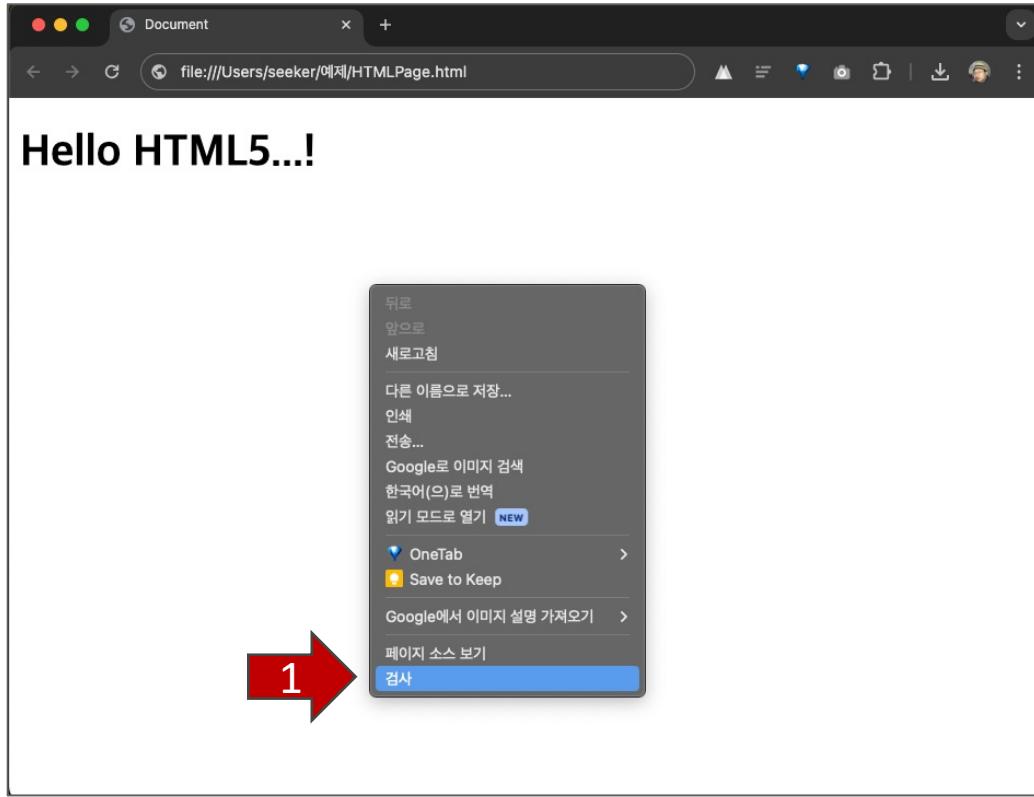
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Document</title>
5 </head>
6 <body>
7   <h1>Hello HTML5...!</h1>
8 </body>
9 </html>
```

The right pane shows the rendered content of the page, which is a large bold "Hello HTML5...!". Above the preview, the URL "http://127.0.0.1:3000/HTMLPage.html" is visible in the address bar. The bottom status bar shows details like character count (줄 9, 열 8), encoding (UTF-8), line separator (LF), file type (HTML), and port (포트: 3000).



Part 1

구글 크롬 개발자 도구



Part 2 HTML5 tag

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. The background is blurred.

용어 및 구조

```
<> HTMLPage.html > ⚒ html
1   <!DOCTYPE html>
2   <html>
3   <head>
4   |   <title>Document</title>
5   </head>
6   <body>
7   |   <h1>Hello HTML5...!</h1>
8   </body>
9   </html>
```

시작 태그

끝 태그

- 속성

속성 블록

```
<h1 title="header">Hello HTML5</h1>
```

속성 이름 속성 값

- 주석

```
<!-- img 태그-->  

```

- 이건 렌더링 되지 않고 소스보기에서만 보임.(노출됨)

The screenshot shows a dark-themed code editor interface. On the left is a sidebar with various icons: a file icon with a '1' (document), a magnifying glass (search), a gear (settings), a square (grid), a user icon, and a gear icon. The main area displays the source code of an HTML file named 'HTMLPage.html'. The code is as follows:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML5 Basic Page</title>
</head>
<body>
</body>
</html>
```

The code editor has a search bar at the top labeled 'source'. At the bottom, there are status indicators: '(x) 0 △ 0 ⌂ 0', a search icon, '줄 9, 열 8', '공백: 4', 'UTF-8 LF HTML', '포트: 3000', and a bell icon.

- head 태그 내부에 넣을 수 있는 태그

태그 이름	설명
meta	웹 페이지에 추가 정보 전달
title	웹 페이지 제목
script	웹 페이지에 스크립트 추가
link	웹 페이지에 다른 파일 추가
style	웹 페이지에 스타일시트 추가
base	웹 페이지의 기본 경로 지정

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. A large, semi-transparent white rectangular box is overlaid on the center-left portion of the image. Inside this box, the Korean text "글자 태그" is displayed in a bold, black, sans-serif font.

글자 태그

- 제목 글자 태그

태그 이름	설명
h1	첫 번째로 큰 제목 글자 태그
h2	두 번째로 큰 제목 글자 태그
h3	세 번째로 큰 제목 글자 태그
h4	네 번째로 큰 제목 글자 태그
h5	다섯 번째로 큰 제목 글자 태그
h6	여섯 번째로 큰 제목 글자 태그

The screenshot shows a browser window with developer tools open. The left sidebar contains icons for file operations, search, refresh, and other developer features. The main area has two tabs: 'source' and 'HTML5 + CSS3 Text'. The 'source' tab displays the HTML code for 'HTMLPage.html', which includes a title, head, body, and six levels of headings. The 'HTML5 + CSS3 Text' tab shows the rendered output with the headings displayed in a hierarchical structure. The status bar at the bottom shows various developer tool metrics.

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML5 + CSS3 Text</title>
</head>
<body>
    <h1>Heading 1</h1>
    <h2>Heading 2</h2>
    <h3>Heading 3</h3>
    <h4>Heading 4</h4>
    <h5>Heading 5</h5>
    <h6>Heading 6</h6>
</body>
</html>
```

source

HTML5 + CSS3 Text

http://127.0.0.1:3000/HTMLPage.html

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Part 2

본문

- 본문 태그(1)

태그 이름	설명
p	본문 글자 태그

- 본문 태그(1)

The screenshot shows a browser window with developer tools open. The top part displays the source code of an HTML file named 'HTMLPage.html'. The code includes a basic HTML structure with a title and two paragraphs of placeholder text ('Lorem ipsum'). The bottom part shows the rendered output of this code, displaying the title and the two paragraphs of placeholder text.

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <h1>Lorem ipsum</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
    <p>Nam commodo mi a lorem congue id rutrum leo venenatis.</p>
</body>
</html>
```

HTML TEXT Basic Page

http://127.0.0.1:3002/HTMLPage.html

Lorem ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

Nam commodo mi a lorem congue id rutrum leo venenatis.

줄 11, 열 8 공백: 4 UTF-8 LF HTML 포트: 3002

- 본문 태그(2)

태그 이름	설명
br	웹 페이지에 추가 정보 전달
hr	웹 페이지 제목

- 본문 태그(2)

The screenshot shows a browser window with developer tools open. The left pane displays the HTML code for 'HTMLPage.html'. The right pane shows the rendered HTML page.

HTML Source:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <h1>Lorem ipsum</h1>
    <h2>dolor sit amet</h2>
    <hr />
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
    <br />
    <p>In porttitor lorem at justo feugiat aliquet.</p>
    <br />
    <p>Nunc id massa at magna semper hendrerit.</p>
    <br />
    <p>Vivamus rhoncus eros vel ante suscipit non facilisis risus rutrum.</p>
</body>
</html>
```

Rendered Output:

HTML TEXT Basic Page

Lorum ipsum

dolor sit amet

Lorem ipsum dolor sit amet, consectetur adipiscing elit.

In porttitor lorem at justo feugiat aliquet.

Nunc id massa at magna semper hendrerit.

Vivamus rhoncus eros vel ante suscipit non facilisis risus rutrum.

줄 18, 열 8 공백: 4 UTF-8 LF HTML 포트: 3002

Part 2

앵커

- 앵커 태그

태그 이름	설명
a	앵커 태그

The screenshot shows a browser developer tools window with the following details:

- Left Panel (Elements):** Shows the HTML structure of the page. The document tree starts with `<!DOCTYPE html>`, followed by `<html>`, `<head>`, and `<body>`. Inside the body, there are two anchor tags (`<a>`) with href attributes pointing to external URLs: `http://hanbit.co.kr` and `https://github.com/`.
- Source Tab:** Displays the raw HTML code. The code is as follows:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>HTML TEXT Basic Page</title>
5  </head>
6  <body>
7  |   <a href="http://hanbit.co.kr">Hanbit</a><br />
8  |   <a href="https://github.com/">GitHub</a><br />
9 </body>
10 </html>
```

- Preview Tab:** Shows the rendered HTML content. It displays two lines of text: "Hanbit" and "GitHub", each preceded by a blue link icon.
- Address Bar:** Shows the URL `http://127.0.0.1:3000/HTMLPage.html`.
- Bottom Status Bar:** Shows various developer tool status indicators, including file counts (0), character counts (0), encoding (UTF-8), line endings (LF), and port information (포트: 3000).

The screenshot shows a browser window with two tabs. The left tab is titled 'HTMLPage.html' and contains the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <a href="#alpha">Move to Alpha</a>
    <a href="#beta">Move to Beta</a>
    <a href="#gamma">Move to Gamma</a>
    <hr />
    <h1 id="alpha">Alpha</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipisic...

The right tab is titled 'HTML TEXT Basic Page' and displays the rendered content of the page. It features three anchor links at the top: 'Move to Alpha', 'Move to Beta', and 'Move to Gamma'. Below them is a large heading 'Alpha' followed by a paragraph of placeholder text. Further down, there are headings 'Beta' and 'Gamma' each with its own paragraph of placeholder text.


```

- 글자 형태 태그

태그 이름	설명
b	굵은 글자 태그
i	기울어진 글자 태그
small	작은 글자 태그
sub	아래 달라 붙은 글자 태그
sup	위에 달라 붙는 글자 태그
inst	밑줄 글자 태그
del	가운데 줄이 그어진 글자 태그

The screenshot shows a code editor on the left and a browser window on the right. The code editor displays an HTML file named 'HTMLPage.html' with the following content:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <h1><b>Lorem ipsum dolor sit amet</b></h1>
    <h1><i>Lorem ipsum dolor sit amet</i></h1>
    <h1><small>Lorem ipsum dolor sit amet</small></h1>
    <h1><sub>Lorem ipsum dolor sit amet</sub></h1>
    <h1><sup>Lorem ipsum dolor sit amet</sup></h1>
    <h1><ins>Lorem ipsum dolor sit amet</ins></h1>
    <h1><del>Lorem ipsum dolor sit amet</del></h1>
    <hr />
    <b>Lorem ipsum dolor sit amet</b><br />
    <i>Lorem ipsum dolor sit amet</i><br />
    <small>Lorem ipsum dolor sit amet</small><br />
    <sub>Lorem ipsum dolor sit amet</sub><br />
    <sup>Lorem ipsum dolor sit amet</sup><br />
    <ins>Lorem ipsum dolor sit amet</ins><br />
    <del>Lorem ipsum dolor sit amet</del><br />
</body>
</html>
```

The browser window on the right shows the rendered HTML content. It contains seven instances of the text "Lorem ipsum dolor sit amet" styled differently:

- h1 **
- h1 <i>*
- h1 <small>
- <sub>h1
- <sup>h1
- h1 <ins>
- ~~h1 ~~

Below the main content, there is a horizontal line followed by five more instances of the text:

- h1 <u>
- ~~h1 ~~
- h1 **
- h1 <i>*
- h1 <small>

At the bottom of the browser window, there is some footer text and status information:

줄 23, 열 8 공백: 4 UTF-8 LF HTML 포트: 3002

- 루비 태그

태그 이름	설명
ruby	루비 문자 선언 태그
rt	위에 위치하는 작은 문자 태그
rp	ruby 태그를 지원할 경우 출력되지 않는 태그

ふ が な
振り仮名

The screenshot shows a web development environment with two panes. The left pane is a code editor displaying an HTML file named 'HTMLPage.html'. The code includes a ruby annotation:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <ruby>
        <span>大韓民國</span>
        <rt>대한민국</rt>
    </ruby>
</body>
</html>
```

The right pane shows the rendered HTML page at the URL <http://127.0.0.1:3000/HTMLPage.html#alpha>. The page displays the text "대한민국" above "大韓民國".

The screenshot shows a web development environment with two tabs and a sidebar.

Left Sidebar: Contains icons for file operations (New, Open, Save, Find, Refresh, Stop, Home, Help), a search bar, and a refresh button.

Left Tab: Shows the file structure of "HTMLPage.html". The code is as follows:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <ruby>
        <span>大韓民國</span>
        <rp>(</rp>
        <rt>대한민국</rt>
        <rp>)</rp>
    </ruby>
</body>
</html>
```

Right Tab: Shows the rendered HTML page at the URL <http://127.0.0.1:3000/HTMLPage.html#alpha>. The page displays the text "대한민국" above "大韓民國".

Bottom Status Bar: Displays file statistics: 줄 14, 열 8, 공백: 4, UTF-8, LF, HTML, 포트: 3000.

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. The background is blurred.

목록 태그

- 목록 태그

태그 이름	설명
ul	순서가 없는 목록 태그
ol	순서가 있는 목록 태그
li	목록 요소

The screenshot shows a web browser window with a dark theme. On the left, there is a sidebar with various icons: a file icon with a '1' (document), a magnifying glass (search), a gear (settings), a user profile (user), and a gear (gear). The main content area displays an HTML document titled "HTML TEXT Basic Page". The code is as follows:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>HTML TEXT Basic Page</title>
5  </head>
6  <body>
7      <ul>
8          <li>HTML5
9              <ol>
10                 <li>Multimedia Tag</li>
11                 <li>Connectivity</li>
12                 <li>Device Access</li>
13             </ol>
14         </li>
15         <li>CSS3
16             <ul>
17                 <li>Animation</li>
18                 <li>3D Transform</li>
19             </ul>
20         </li>
21     </ul>
22 </body>
23 </html>
```

The right side of the browser shows the rendered content of the HTML page. It features a sidebar with a navigation menu:

- HTML5
 - 1. Multimedia Tag
 - 2. Connectivity
 - 3. Device Access
- CSS3
 - Animation
 - 3D Transform

The browser's status bar at the bottom shows: × 0 △ 0 ⌂ 0 출 23, 월 8 공백: 4 UTF-8 LF HTML ⌂ 포트: 3002 ⌂

- 정의 목록

태그 이름	설명
dl	정의 목록 태그
dt	정의 용어 태그
dd	정의 설명 태그

The screenshot shows a web development environment with a code editor and a browser preview.

Code Editor:

- File: HTMLPage.html (1 open)
- Content:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML TEXT Basic Page</title>
5   </head>
6   <body>
7     <dl>
8       <dt>HTML5</dt>
9       <dd>Multimedia Tag</dd>
10      <dd>Connectivity</dd>
11      <dd>Device Access</dd>
12      <dt>Milk</dt>
13      <dd>Animation</dd>
14      <dd>3D Transform</dd>
15    </dl>
16  </body>
17 </html>
```

Browser Preview:

- Title: HTML TEXT Basic Page
- Address: http://127.0.0.1:3000/HTMLPage.html
- Content:

HTML5

 - Multimedia Tag
 - Connectivity
 - Device Access

Milk

 - Animation
 - 3D Transform

Bottom Status Bar:

- Zoom: 0 ▲ 0 ⌂ 0
- Search: 출 17, 열 8
- Encoding: 공백: 4
- Line Endings: LF
- Format: HTML
- Port: 포트: 3000

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. A white rectangular box with a thin black border is overlaid on the image, centered over the hands. Inside this box, the Korean text "테이블 태그" is displayed in a large, bold, black sans-serif font.

테이블 태그

- 테이블 요소 태그

태그 이름	설명
tr	표 내부의 태그
th	행 내부의 제목 셀 태그
td	행 내부의 일반 셀 태그

```
<body>
  <table>
    </table>
</body>
```

Part 2

테이블 태그 기본

The screenshot shows a web browser window with two panes. The left pane displays the source code of an HTML file named 'HTMLPage.html'. The right pane shows the rendered HTML page.

Source Code (Left Pane):

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML TEXT Basic Page</title>
5   </head>
6   <body>
7     <table border="1">
8       <tr>
9         <th>Header 1</th>
10        <th>Header 2</th>
11      </tr>
12      <tr>
13        <td>Data 1</td>
14        <td>Data 1</td>
15      </tr>
16      <tr>
17        <td>Data 2</td>
18        <td>Data 2</td>
19      </tr>
20    </table>
21  </body>
22 </html>
```

Renders (Right Pane):

Header 1	Header 2
Data 1	Data 1
Data 2	Data 2

Part 2

테이블 태그 기본

The screenshot shows a browser window with developer tools open. On the left is a visual representation of a table with two rows and two columns. The first row contains "Header 1" and "Header 2". The second row contains "Data 1" and "Data 2". On the right is the HTML code corresponding to this table structure.

```
<!DOCTYPE html>
<html>
  ><plasco-csui>...</plasco-csui>
  ><script id="allow-copy_script">...</script>
  ><head>...</head>
  ><body>
    ><table border="1">
      ><tbody>
        ><tr>
          ><th>Header 1</th>
          ><th>Header 2</th>
        ></tr>
        ... ><tr> == $0
          ><td>Data 1</td>
          ><td>Data 1</td>
        ></tr>
        ><tr>...</tr>
      ></tbody>
    ></table>
  ></body>
</html>
```

Part 2

테이블 태그 기본

The screenshot shows a browser developer tools window with two panes. The left pane displays the HTML source code of a page named 'HTMLPage.html'. The right pane shows the rendered HTML output.

Source Code (HTMLPage.html):

```
<html>
  <body>
    <table border="1">
      <caption>Caption</caption>
      <colgroup>
        <col span="2" style="background: red;" />
        <col style="background: blue;" />
      </colgroup>
      <thead style="background: green;">
        <tr>
          <th>Table Header</th>
          <th>Table Header</th>
          <th>Table Header</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Table Data</td>
          <td>Table Data</td>
          <td>Table Data</td>
        </tr>
        <tr>
          <td>Table Data</td>
          <td>Table Data</td>
          <td>Table Data</td>
        </tr>
        <tr>
          <td>Table Data</td>
          <td>Table Data</td>
          <td>Table Data</td>
        </tr>
      </tbody>
      <tfoot style="background: yellow;">
```

Renders:

The rendered table has a caption "Caption". It consists of one row with three cells (colspan=2) and one cell) and three rows with three cells each. The background colors of the table and its parts are as follows: | | |

Table Header	Table Header	Table Header
Table Data	Table Data	Table Data
Table Data	Table Data	Table Data
Table Data	Table Data	Table Data

Part 2

테이블 태그의 속성

- table 태그의 속성

속성 이름	설명
border	표의 테두리 두께를 지정

- th 태그와 td 태그 속성

속성 이름	설명
rowspan	셀의 높이 지정
colspan	셀의 너비 지정

Part 2

테이블 태그의 속성

The screenshot shows a browser window with developer tools open. On the left, the HTML code is displayed:

```
<html>
  <body>
    <table border="1">
      <tr>
        <th colspan="3">Table Data</th>
        <th rowspan="3">Table Data</th>
      </tr>
      <tr>
        <td>Table Data</td>
        <td rowspan="2">Table Data</td>
        <td>Table Data</td>
      </tr>
      <tr>
        <td>Table Data</td>
        <td>Table Data</td>
      </tr>
    </table>
  </body>
</html>
```

On the right, the rendered output is shown as a table with the following structure:

Table Data			Table Data
Table Data	Table Data	Table Data	
Table Data	Table Data	Table Data	

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. A white rectangular box with a thin black border is overlaid on the image, containing the Korean text "멀티미디어 태그".

멀티미디어 태그

- img 태그의 속성

속성 이름	설명
src	이미지의 경로 지정
alt	이미지가 없을 때 나오는 글자 지정
width	이미지의 너비 지정
height	이미지의 높이 지정

```
<body>
|   <img />
</body>
```

Part 2

이미지 태그

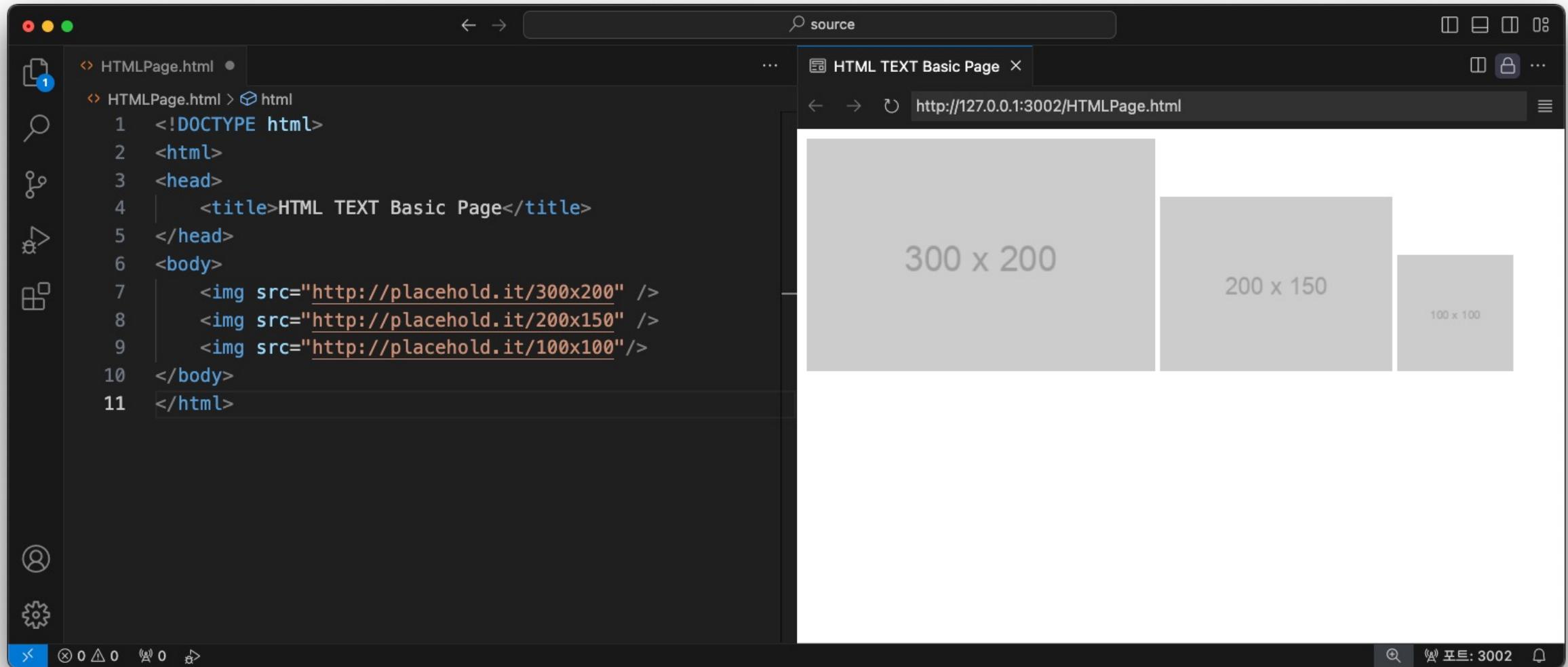
The screenshot shows a browser window with two tabs. The left tab is titled 'HTMLPage.html' and contains the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>HTML TEXT Basic Page</title>
5 </head>
6 <body>
7   
8   
9 </body>
10 </html>
```

The right tab is titled 'HTML TEXT Basic Page' and shows the rendered output. It displays three King penguins standing on a sandy beach. Below the image, there is a small placeholder icon and the text "그림이 존재하지 않습니다." (The image does not exist).

Part 2

이미지 태그



The screenshot shows a browser window titled "HTML TEXT Basic Page" displaying the output of an HTML file. The browser's address bar shows the URL `http://127.0.0.1:3002/HTMLPage.html`. The page content consists of three `` tags with `src` attributes pointing to `http://placehold.it/300x200`, `http://placehold.it/200x150`, and `http://placehold.it/100x100` respectively. The browser interface includes a sidebar with various icons and a status bar at the bottom.

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>HTML TEXT Basic Page</title>
5  </head>
6  <body>
7  |   
8  |   
9  |   
10 </body>
11 </html>
```

- audio 태그의 속성

속성 이름	설명
src	음악 파일의 경로 지정
preload	음악을 재생하기 전에 모두 불러올지 지정
autoplay	음악을 자동 재생할지 지정
loop	음악을 반복할지 지정
controls	음악 재생 도구를 출력할지 지정

```
<body>
|   <audio></audio>
|</body>
```

- audio 태그의 속성



```
<!DOCTYPE html>
<html>
<head>
    <title>HTML TEXT Basic Page</title>
</head>
<body>
    <audio src="Kalimba.mp3" controls="controls"></audio>
</body>
</html>
```

```
<body>
    <audio src="Kalimba.mp3" controls="controls" autoplay="autoplay"></audio>
</body>
```

• source 태그

(https://caniuse.com/?search=audio)

					
MP3	O	O	O	O	O
OGG	X	O	O	O	O
WAV	X	O	O	X	O
AAC	O	O	O	O	O
FLAC	X	O	O	O	O

```
<body>
  <audio controls="controls">
    <source src="Kalimba.mp3" type="audio/mp3" />
    <source src="Kalimba.ogg" type="audio/ogg" />
  </audio>
</body>
```

- video 태그의 속성

속성 이름	설명
src	비디오 파일의 경로 지정
poster	비디오 준비 중일 때의 이미지 파일 경로 지정
preload	비디오를 재생하기 전에 모두 불러올지 지정
autoplay	비디오를 자동 재생할지 지정
loop	비디오를 반복할지 지정
controls	비디오 재생 도구를 출력할지 지정
width	비디오의 너비 지정
height	비디오의 높이 지정

Part 2

비디오 태그

(<https://caniuse.com/?search=video>)



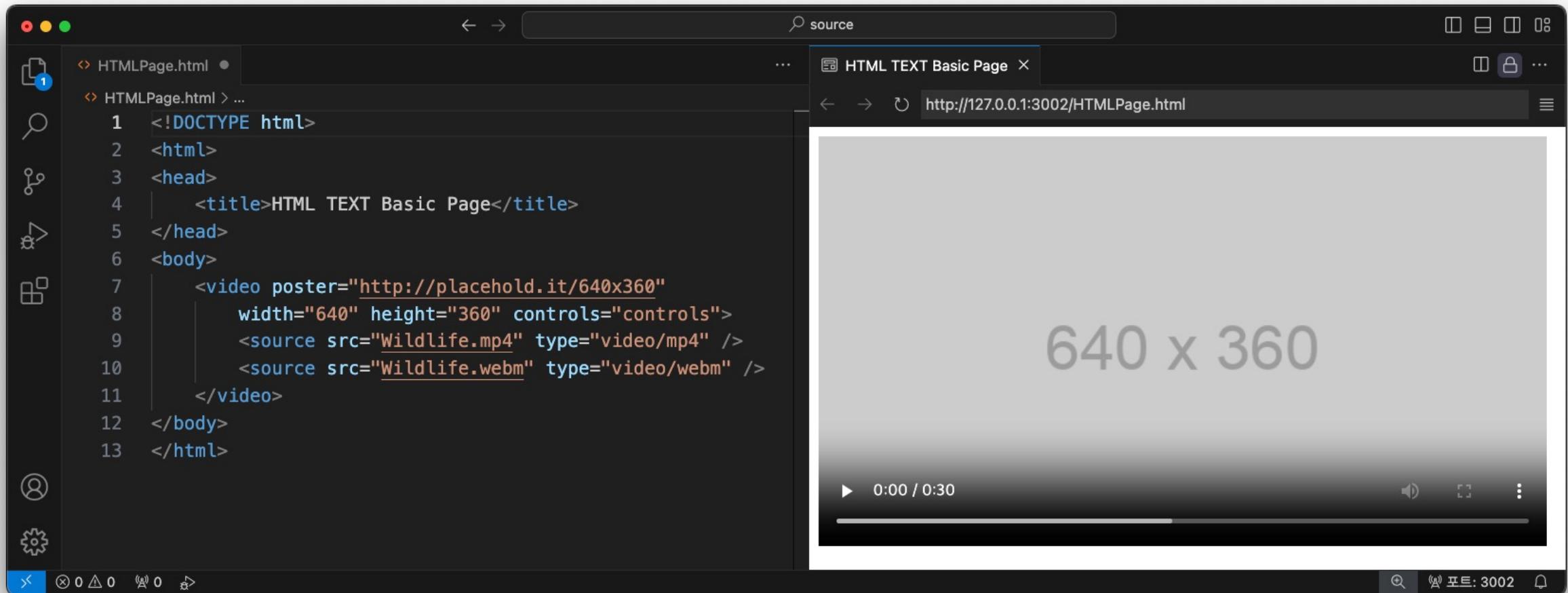
	IE	Chrome	Firefox	Safari	Opera
MP4 (H.264+ACC)	O	O	O	O	O
WebM (VP8+Vorbis)	X	O	O	O	O
AV1 (AOMedia Video 1)	X	O	O	O	O

The screenshot shows a browser window with developer tools open. On the left, the DOM tree displays an `<video>` element with attributes `controls`, `width="320"`, and `height="180"`. It has two `<source>` children: one for `Wildlife.mp4` and another for `Wildlife.webm`. The right side of the screen shows a video player with a thumbnail of horses running on a beach, a play button, a progress bar at 0:00 / 0:30, and a timeline slider.

```
<html>
  <body>
    <video controls="controls" width="320" height="180">
      <source src="Wildlife.mp4" type="video/mp4" />
      <source src="Wildlife.webm" type="video/webm" />
    </video>
  </body>
</html>
```

Part 2

비디오 태그



The screenshot shows a browser window with two panes. The left pane displays the HTML code for a basic page:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>HTML TEXT Basic Page</title>
5 </head>
6 <body>
7     <video poster="http://placehold.it/640x360"
8         width="640" height="360" controls="controls">
9         <source src="Wildlife.mp4" type="video/mp4" />
10        <source src="Wildlife.webm" type="video/webm" />
11    </video>
12 </body>
13 </html>
```

The right pane shows the rendered HTML page at the URL <http://127.0.0.1:3002/HTMLPage.html>. The video player displays the text "640 x 360" and has playback controls including a play button, a progress bar, and a volume icon.

Part 2

비디오 태그

The screenshot shows a browser developer tools window with two main panes. The left pane displays the source code of a file named `HTMLPage.html`. The code includes the DOCTYPE declaration, HTML tags, head section with a title and links to CSS and JS files, and a body section containing a `video` element with controls, width, height, and source files for MP4 and WebM formats. The right pane shows a video player preview of a video titled "Video.js Basic" at the URL `http://127.0.0.1:3002/HTMLPage.html`. The video frame shows several horses running in shallow water. The bottom status bar of the developer tools indicates the port number as 3002.

```
<!DOCTYPE html>
<html>
<head>
    <title>Video.js Basic</title>
    <link href="https://vjs.zencdn.net/7.2.3/video-js.css" rel="stylesheet" />
    <script src="https://vjs.zencdn.net/7.2.3/video.js"></script>
</head>
<body>
    <video controls="controls" width="640" height="360" class="video-js" data-setup="{}">
        <source src="Wildlife.mp4" type="video/mp4" />
        <source src="Wildlife.webm" type="video/webm" />
    </video>
</body>
</html>
```

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. A large, semi-transparent white rectangular box is overlaid on the center-left portion of the image. Inside this box, the Korean text "입력 태그" is displayed in a bold, black, sans-serif font.

입력 태그

- form 태그의 속성

속성 이름	설명
action	입력 데이터의 전달 위치를 지정
method	입력 데이터의 전달 방식을 지정

The screenshot shows a browser window with two tabs. The left tab is titled 'HTMLPage.html' and contains the following HTML code:

```
<html>
  <body>
    <form>
      <input type="text" name="search" />
      <input type="submit" />
    </form>
  </body>
</html>
```

The right tab is titled 'HTML Form Basic' and displays a simple search form with a text input field and a submit button labeled '제출'.

Part 2

입력 양식 개요

A screenshot of a web browser window titled "HTML Form Basic". The address bar shows the URL `http://127.0.0.1:3002/HTMLPage.html?search=rint`. The page content displays a simple HTML form with a search input field and a submit button. On the left, the browser's sidebar shows the file structure and the source code of the HTML file "HTMLPage.html". The source code is as follows:

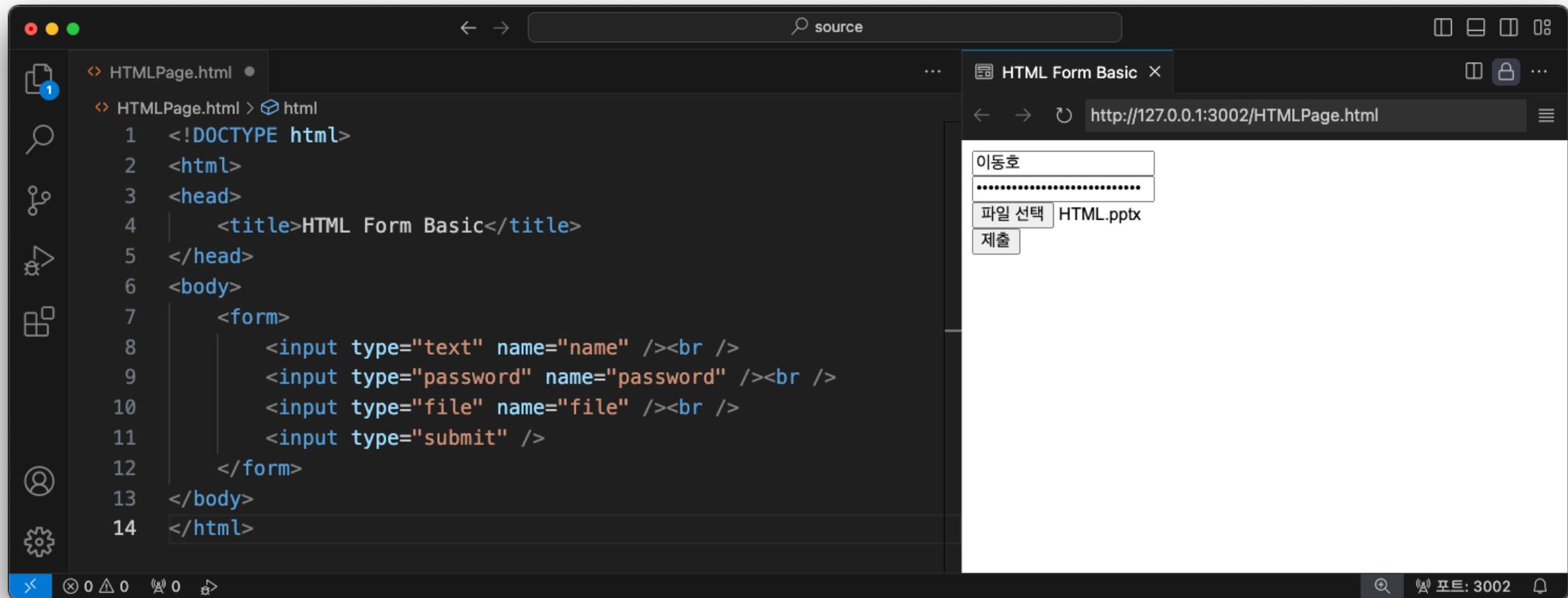
```
<html>
  <body>
    <form method="get">
      <input type="text" name="search" />
      <input type="submit" />
    </form>
  </body>
</html>
```

A screenshot of a web browser window titled "HTML Form Basic". The address bar shows the URL `http://127.0.0.1:3002/HTMLPage.html`. The page content displays a simple HTML form with a search input field and a submit button. On the left, the browser's sidebar shows the file structure and the source code of the HTML file "HTMLPage.html". The source code is as follows:

```
<html>
  <body>
    <form method="post">
      <input type="text" name="search" />
      <input type="submit" />
    </form>
  </body>
</html>
```

Part 2

기본 input 태그



The screenshot shows a browser window displaying an HTML page titled "HTML Form Basic". The page contains a form with four input fields:

- A text input field with the value "이동호".
- A password input field with the value "*****".
- A file input field labeled "파일 선택" with the value "HTML.pptx".
- A submit button labeled "제출".

The browser's address bar shows the URL `http://127.0.0.1:3002/HTMLPage.html`. On the left, the browser's sidebar displays the HTML code for the page.

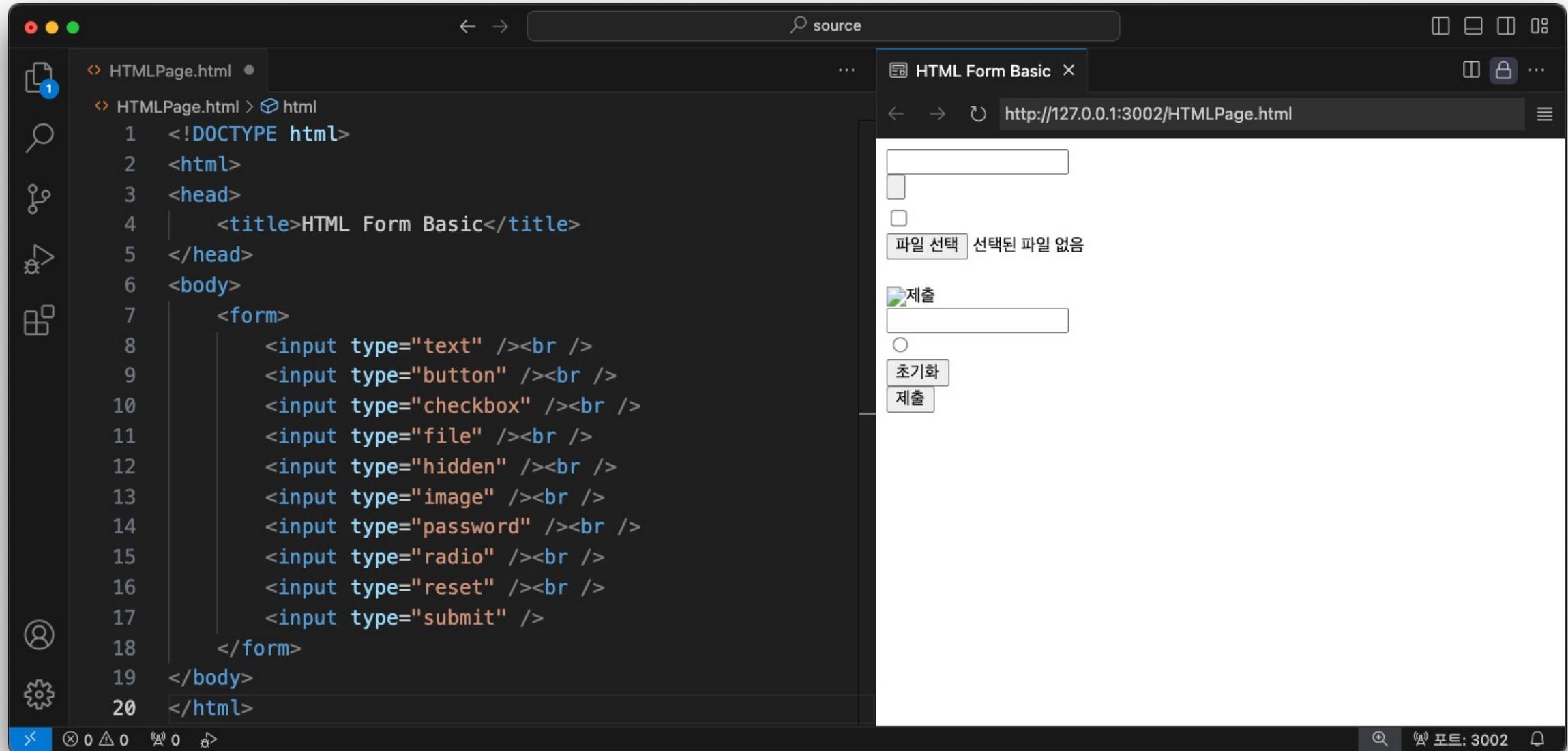
```
<!DOCTYPE html>
<html>
<head>
    <title>HTML Form Basic</title>
</head>
<body>
    <form>
        <input type="text" name="name" /><br />
        <input type="password" name="password" /><br />
        <input type="file" name="file" /><br />
        <input type="submit" />
    </form>
</body>
</html>
```

- input 태그의 type 속성값

속성값	설명
button	버튼을 생성
check	체크박스를 생성
file	파일 입력 양식을 생성
hidden	보이지 않음
image	이미지 형태를 생성
password	비밀번호 입력 양식을 생성
radio	라디오 버튼을 생성
reset	초기화 버튼을 생성
submit	제출 버튼을 생성
text	글자 입력 양식을 생성

Part 2

기본 input 태그



The screenshot shows a browser window displaying an HTML page titled "HTML Form Basic". The page contains a form with various input types. On the left, the browser's sidebar shows the file structure and code editor with the following HTML code:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>HTML Form Basic</title>
5  </head>
6  <body>
7  |   <form>
8  |       <input type="text" /><br />
9  |       <input type="button" /><br />
10 |       <input type="checkbox" /><br />
11 |       <input type="file" /><br />
12 |       <input type="hidden" /><br />
13 |       <input type="image" /><br />
14 |       <input type="password" /><br />
15 |       <input type="radio" /><br />
16 |       <input type="reset" /><br />
17 |       <input type="submit" />
18   </form>
19 </body>
20 </html>
```

The right side of the browser shows the rendered form with the following elements:

- A text input field.
- A button input field.
- A checkbox input field.
- A file input field labeled "파일 선택" with the placeholder "선택된 파일 없음".
- An image input field labeled "제출" with the placeholder "제출".
- A radio input field.
- A reset input field labeled "초기화".
- A submit input field labeled "제출".

Part 2

label 태그

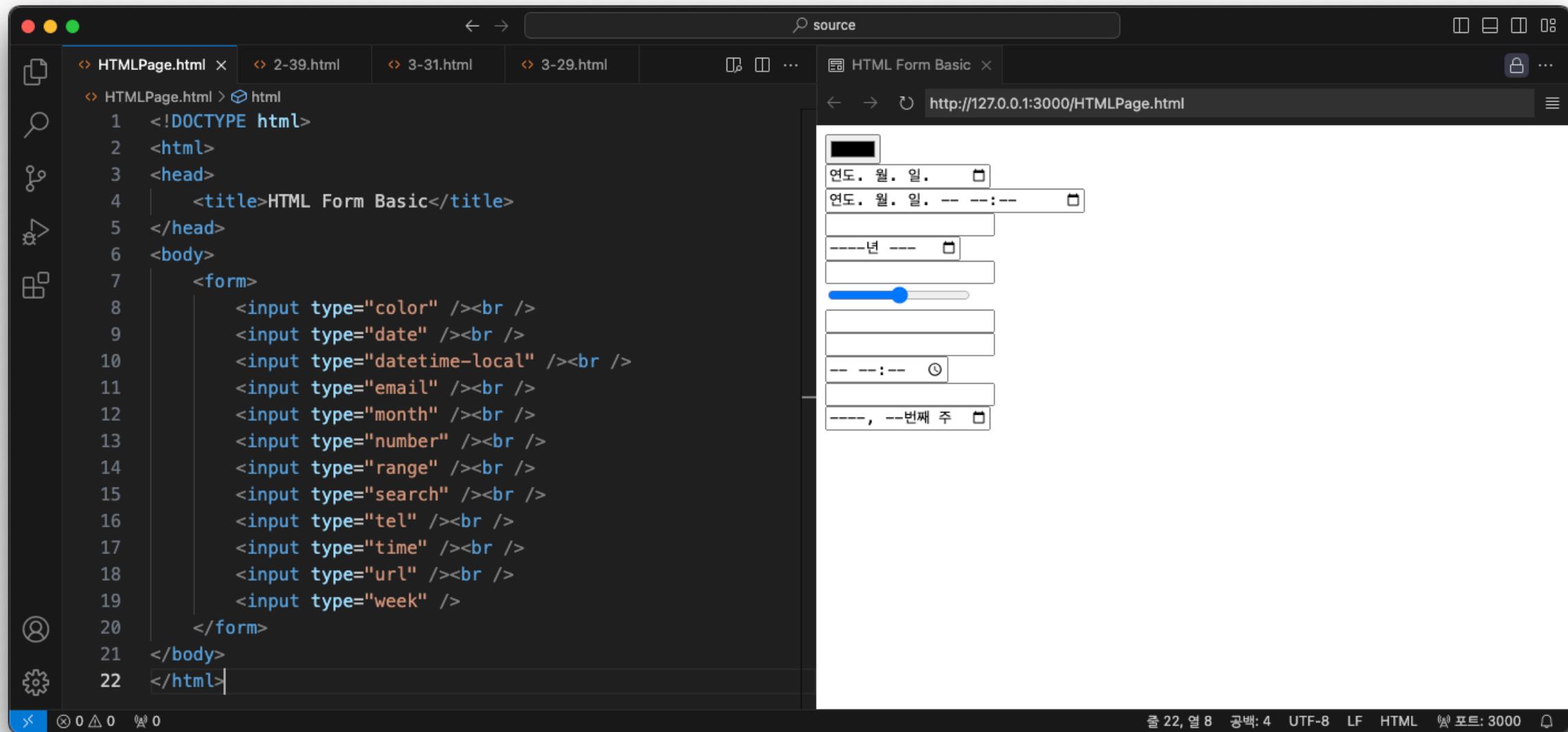
The screenshot shows a browser window with two tabs. The left tab is titled 'HTMLPage.html' and contains the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>HTML Form Basic</title>
5 </head>
6 <body>
7     <form>
8         <label for="name">이름</label>
9         <input id="name" type="text" />
10    </form>
11 </body>
12 </html>
```

The right tab is titled 'HTML Form Basic' and displays the rendered HTML page at the URL <http://127.0.0.1:3000/HTMLPage.html>. The page shows a single input field labeled '이름'.

- HTML5 입력 양식의 type 속성값

속성값	설명
color	색상 선택 양식을 생성
date	일 선택 양식을 생성
datetime	날짜 선택 양식을 생성
datetime-local	지역 날짜 선택 양식을 생성
email	이메일 입력 양식을 생성
month	월 선택 양식을 생성
number	숫자 생성 양식을 생성
range	범위 선택 양식을 생성
search	검색어 입력 양식을 생성
tel	전화번호 입력 양식을 생성
time	시간 선택 양식을 생성
url	URL 주소 입력 양식을 생성
week	주 선택 양식을 생성



The screenshot shows a code editor and a browser side-by-side. The code editor on the left displays the following HTML code:

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML Form Basic</title>
</head>
<body>
    <form>
        <input type="color" /><br />
        <input type="date" /><br />
        <input type="datetime-local" /><br />
        <input type="email" /><br />
        <input type="month" /><br />
        <input type="number" /><br />
        <input type="range" /><br />
        <input type="search" /><br />
        <input type="tel" /><br />
        <input type="time" /><br />
        <input type="url" /><br />
        <input type="week" />
    </form>
</body>
</html>
```

The browser window on the right shows the rendered form with the following input fields:

- 연도. 월. 일. (Date input)
- 연도. 월. 일. -- --:-- (DateTime-local input)
- 년 ---- (Month input)
- :-- (Number input with step="1")
- , --번째 주 (Week input)

At the bottom of the browser window, the status bar shows: 줄 22, 열 8 공백: 4 UTF-8 LF HTML 포트: 3000.

Part 2

textarea 태그

- textarea 태그의 속성

속성 이름	설명
cols	태그의 너비를 지정
rows	태그의 높이를 지정

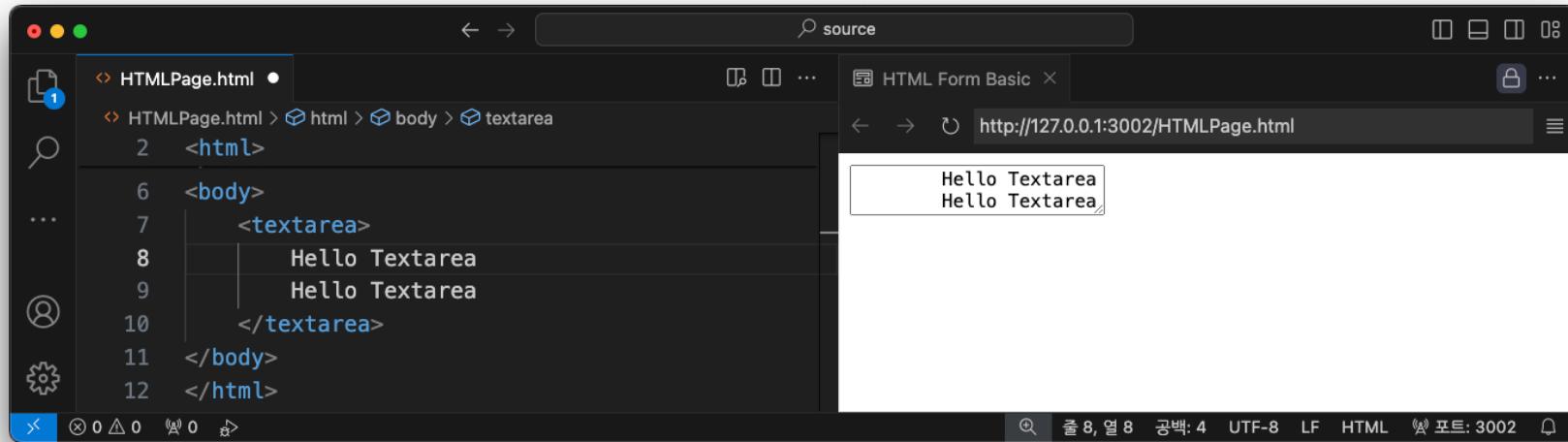
The screenshot shows a browser window with developer tools open. On the left, the file tree displays 'HTMLPage.html'. The code editor pane shows the following HTML:

```
<html>
  <body>
    <form>
      <textarea></textarea>
    </form>
  </body>
</html>
```

The preview pane on the right shows a simple form with a single text area.

Part 2

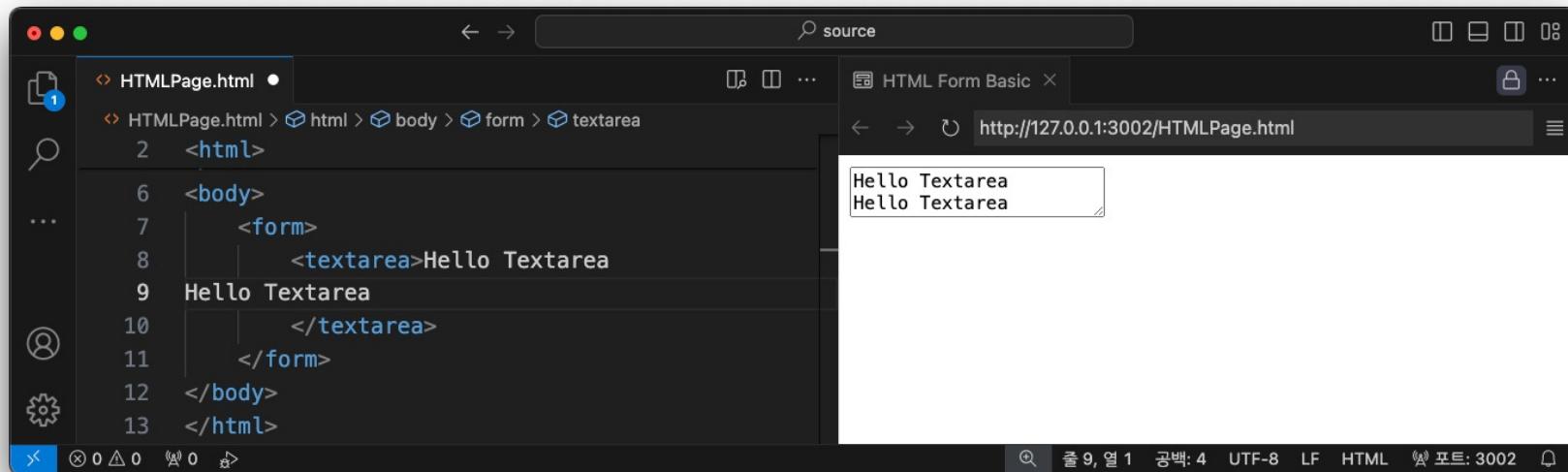
textarea 태그



A screenshot of a code editor displaying an HTML file named "HTMLPage.html". The code is as follows:

```
<html>
  <body>
    <textarea>
      Hello Textarea
      Hello Textarea
    </textarea>
  </body>
</html>
```

The browser preview window shows two lines of text: "Hello Textarea" and "Hello Textarea".



A screenshot of a code editor displaying an HTML file named "HTMLPage.html". The code is as follows:

```
<html>
  <body>
    <form>
      <textarea>Hello Textarea
      Hello Textarea
    </textarea>
  </form>
  </body>
</html>
```

The browser preview window shows two lines of text: "Hello Textarea" and "Hello Textarea".

Part 2

select 태그

• select 태그

태그 이름	설명
select	선택 양식을 생성
optgroup	옵션을 그룹화
option	옵션을 생성

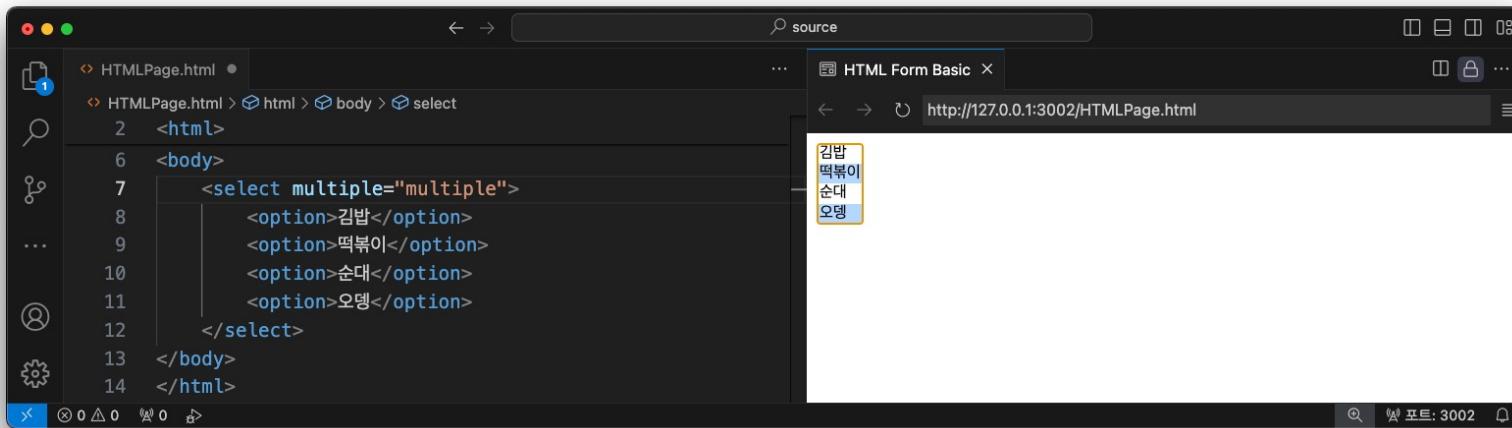
The screenshot shows a code editor on the left and a browser window on the right. The code editor displays the following HTML code:

```
<html>
  <body>
    <select>
      <option>김밥</option>
      <option>떡볶이</option>
      <option>순대</option>
      <option>오뎅</option>
    </select>
  </body>
</html>
```

The browser window on the right shows a dropdown menu with the options "김밥" and "떡볶이". The URL in the browser's address bar is `http://127.0.0.1:3002/HTMLPage.html`.

Part 2

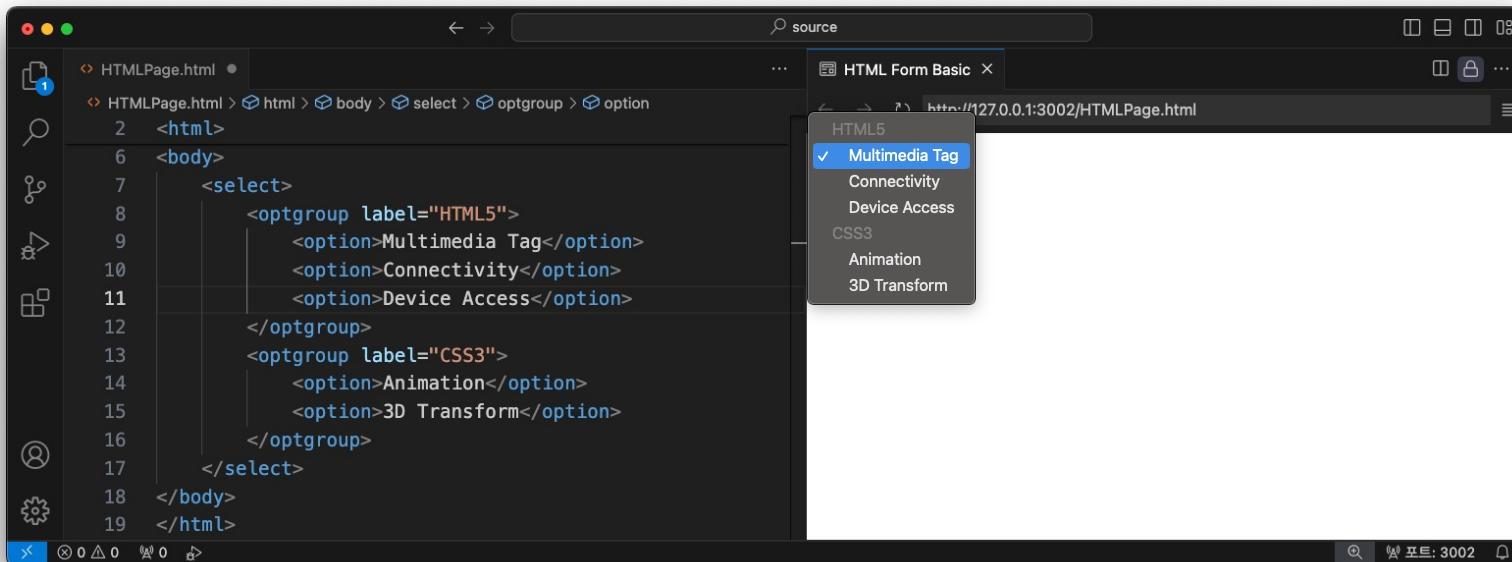
select 태그



A screenshot of a browser developer tools interface. On the left, the code editor shows an HTML file named 'HTMLPage.html' with the following code:

```
<html>
<body>
    <select multiple="multiple">
        <option>김밥</option>
        <option>떡볶이</option>
        <option>순대</option>
        <option>오뎅</option>
    </select>
</body>
</html>
```

The right panel shows the rendered HTML page with a dropdown menu containing four options: 김밥, 떡볶이, 순대, and 오뎅. The '오뎅' option is highlighted with a blue border.



A screenshot of a browser developer tools interface. On the left, the code editor shows an HTML file named 'HTMLPage.html' with the following code:

```
<html>
<body>
    <select>
        <optgroup label="HTML5">
            <option>Multimedia Tag</option>
            <option>Connectivity</option>
            <option>Device Access</option>
        </optgroup>
        <optgroup label="CSS3">
            <option>Animation</option>
            <option>3D Transform</option>
        </optgroup>
    </select>
</body>
</html>
```

The right panel shows the rendered HTML page with a dropdown menu containing two groups: 'HTML5' and 'CSS3'. The 'Multimedia Tag' option under 'HTML5' is highlighted with a blue border.

Part 2

fieldset 태그와 legend 태그

The screenshot shows a browser developer tools window with two panes. The left pane displays the source code of an HTML file named 'HTMLPage.html'. The right pane shows the rendered HTML form.

Source Code (HTMLPage.html):

```
1 <html>
2   <body>
3     <form>
4       <fieldset>
5         <legend>입력 양식</legend>
6         <table>
7           <tr>
8             <td><label for="name">이름</label></td>
9             <td><input id="name" type="text" /></td>
10            </tr>
11            <tr>
12              <td><label for="mail">이메일</label></td>
13              <td><input id="mail" type="email" /></td>
14            </tr>
15          </table>
16          <input type="submit" />
17        </fieldset>
18      </form>
19    </body>
20  </html>
```

Rendered Preview:

The rendered preview shows a form titled "입력 양식". It contains a table with two rows. The first row has two columns: one for a name (text input) and one for an email (email input). The second row has two empty columns. A submit button is at the bottom.

입력 양식

이름	<input type="text"/>
이메일	<input type="email"/>
제출	

A close-up photograph of a person's hands holding a white smartphone. The person is wearing a white button-down shirt. The background is blurred.

공간분할태그

Part 2

div 태그와 span 태그

- 기본 공간 분할 태그

태그 이름	설명
div	block 형식으로 공간을 분할
span	inline 형식으로 공간을 분할

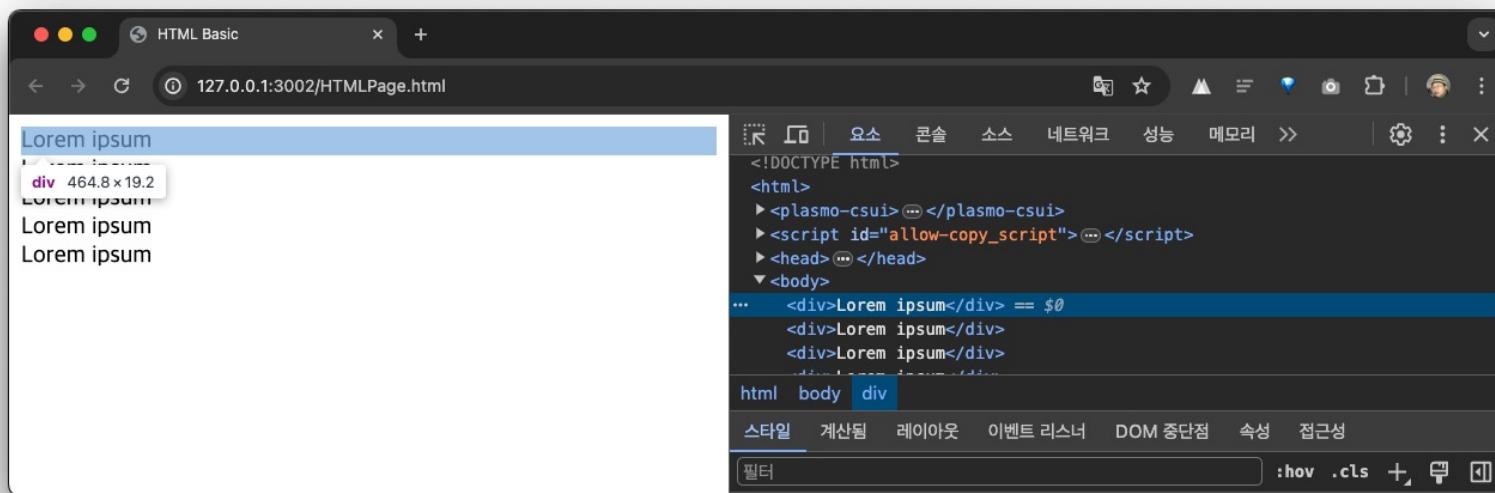
Part 2

div 태그와 span 태그

The screenshot shows a browser window with two tabs open. The left tab is titled 'HTMLPage.html' and contains the following HTML code:

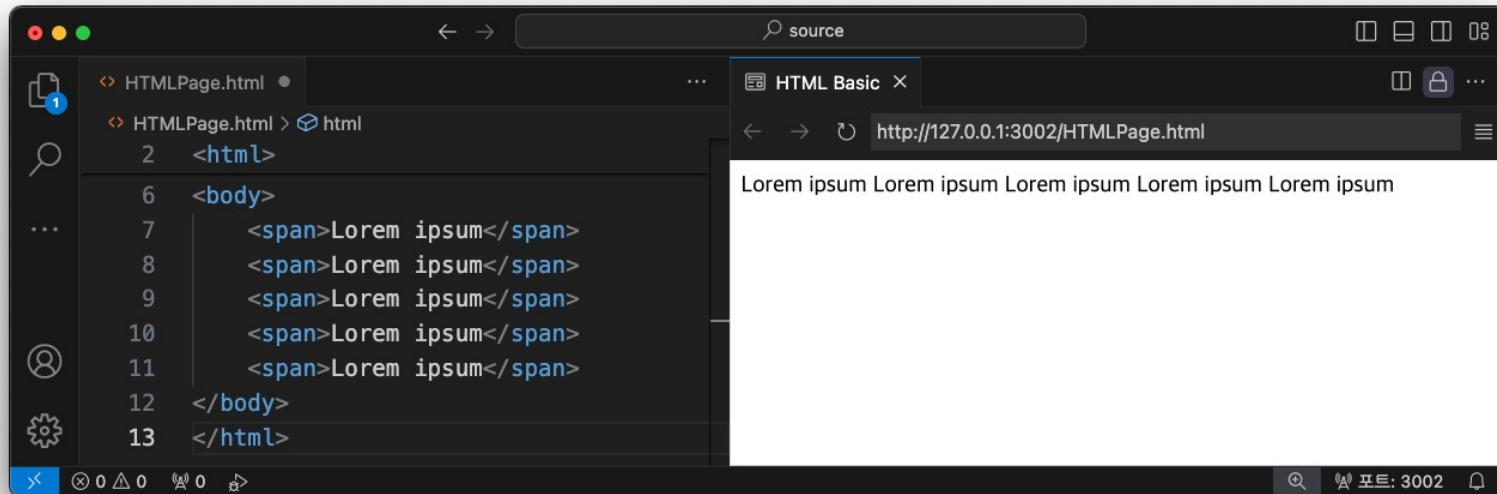
```
<html>
  <body>
    <div>Lorem ipsum</div>
    <div>Lorem ipsum</div>
    <div>Lorem ipsum</div>
    <div>Lorem ipsum</div>
    <div>Lorem ipsum</div>
    <div>Lorem ipsum</div>
  </body>
</html>
```

The right tab is titled 'HTML Basic' and displays the rendered content: "Lorem ipsum" repeated six times.

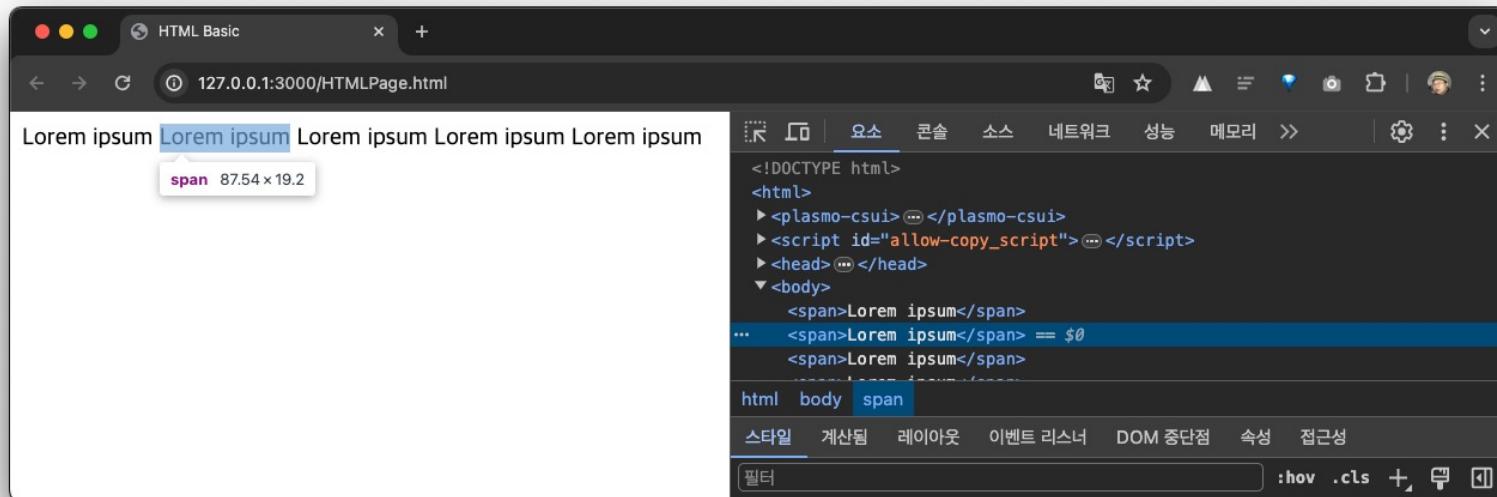


Part 2

div 태그와 span 태그



```
<html>
  <body>
    <span>Lorem ipsum</span>
    <span>Lorem ipsum</span>
    <span>Lorem ipsum</span>
    <span>Lorem ipsum</span>
    <span>Lorem ipsum</span>
  </body>
</html>
```



The screenshot shows a browser window with developer tools open. On the left, the 'source' tab displays the HTML code for 'HTMLPage.html'. The code includes a title, a header section with an H1 tag containing 'Header - 1 tag', a paragraph tag with 'Paragraph tag', a horizontal line, an anchor tag with 'Anchor tag', and an italic tag with 'italic tag'. On the right, the 'HTML Basic' tab shows the rendered output. The H1 tag is displayed as a large bold header. The paragraph tag is shown below it. A horizontal line follows, then the anchor tag is shown as a blue link, and the italic tag is shown in italicized text.

```
<!DOCTYPE html>
<html>
<head>
    <title>HTML Basic</title>
</head>
<body>
    <h1>Header - 1 tag</h1>
    <p>Paragraph tag</p>
    <hr />
    <a href="#">Anchor tag</a>
    <i>italic tag</i>
</body>
</html>
```

Part 2

display 속성

- block 형식의 태그와 inline 형식의 태그

block 형식 태그	inline 형식 태그
div 태그	span 태그
h1 태그 ~ h6 태그	a 태그
p 태그	input 태그
목록 태그	글자 형식 태그
테이블 태그	
form 태그	

Part 2

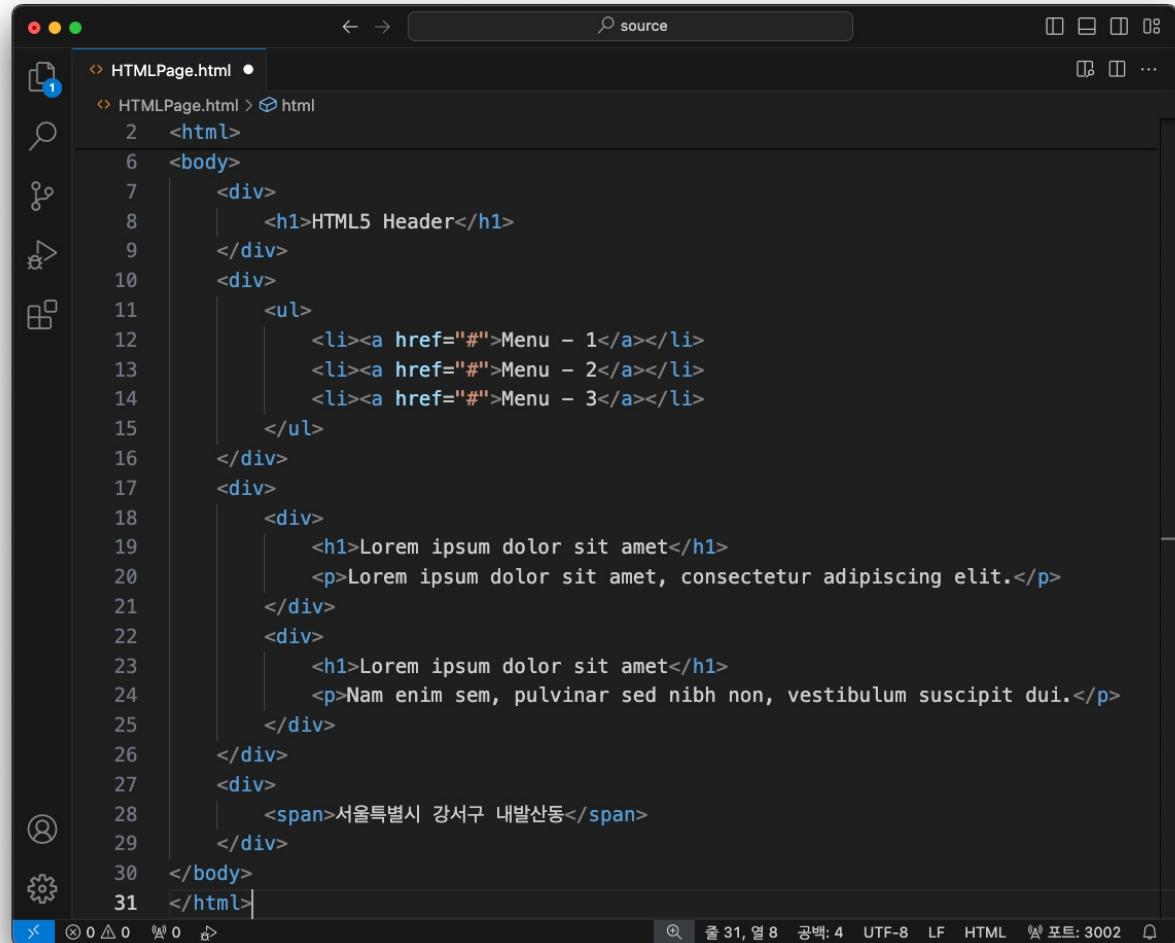
HTML5 시멘틱 구조 태그

• HTML5 시멘틱 구조 태그

태그 이름	설명
header	헤더를 의미
nav	내비게이션을 의미
aside	사이드에 위치하는 공간을 의미
section	여러 중심 내용을 감싸는 공간을 의미
article	글자가 많이 들어가는 부분을 의미
footer	푸터를 의미

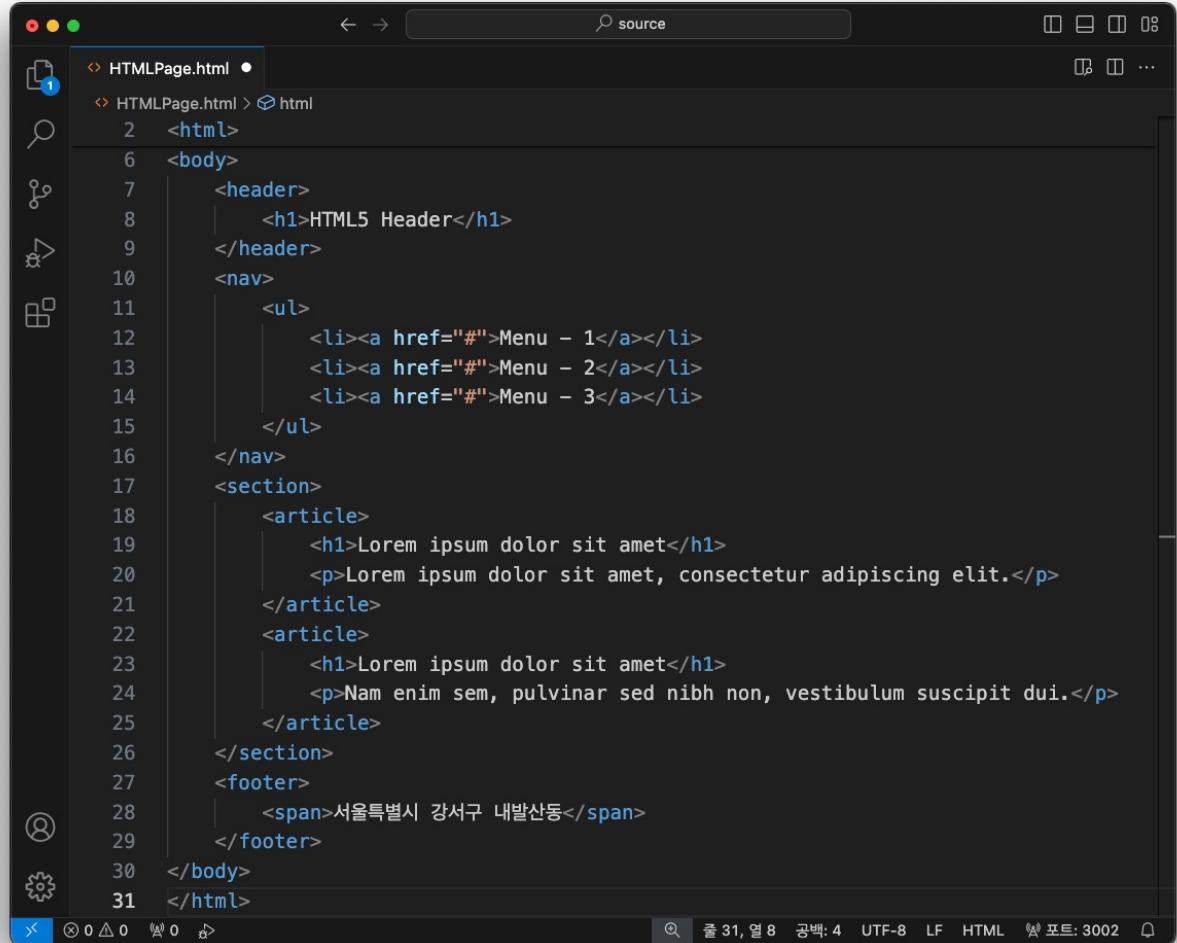
Part 2

시멘틱 구조 태그



HTMLPage.html

```
<html>
  <body>
    <div>
      <h1>HTML5 Header</h1>
    </div>
    <div>
      <ul>
        <li><a href="#">Menu - 1</a></li>
        <li><a href="#">Menu - 2</a></li>
        <li><a href="#">Menu - 3</a></li>
      </ul>
    </div>
    <div>
      <h1>Lorem ipsum dolor sit amet</h1>
      <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
    </div>
    <div>
      <h1>Lorem ipsum dolor sit amet</h1>
      <p>Nam enim sem, pulvinar sed nibh non, vestibulum suscipit dui.</p>
    </div>
    <div>
      <span>서울특별시 강서구 내발산동</span>
    </div>
  </body>
</html>
```



HTMLPage.html

```
<html>
  <body>
    <header>
      <h1>HTML5 Header</h1>
    </header>
    <nav>
      <ul>
        <li><a href="#">Menu - 1</a></li>
        <li><a href="#">Menu - 2</a></li>
        <li><a href="#">Menu - 3</a></li>
      </ul>
    </nav>
    <section>
      <article>
        <h1>Lorem ipsum dolor sit amet</h1>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
      </article>
      <article>
        <h1>Lorem ipsum dolor sit amet</h1>
        <p>Nam enim sem, pulvinar sed nibh non, vestibulum suscipit dui.</p>
      </article>
    </section>
    <footer>
      <span>서울특별시 강서구 내발산동</span>
    </footer>
  </body>
</html>
```

Part 2

시멘틱 구조 태그

The screenshot shows a web browser window titled "HTML Basic" with the URL "127.0.0.1:3002/HTMLPage.html". The page content is as follows:

HTML5 Header

- [Menu - 1](#)
- [Menu - 2](#)
- [Menu - 3](#)

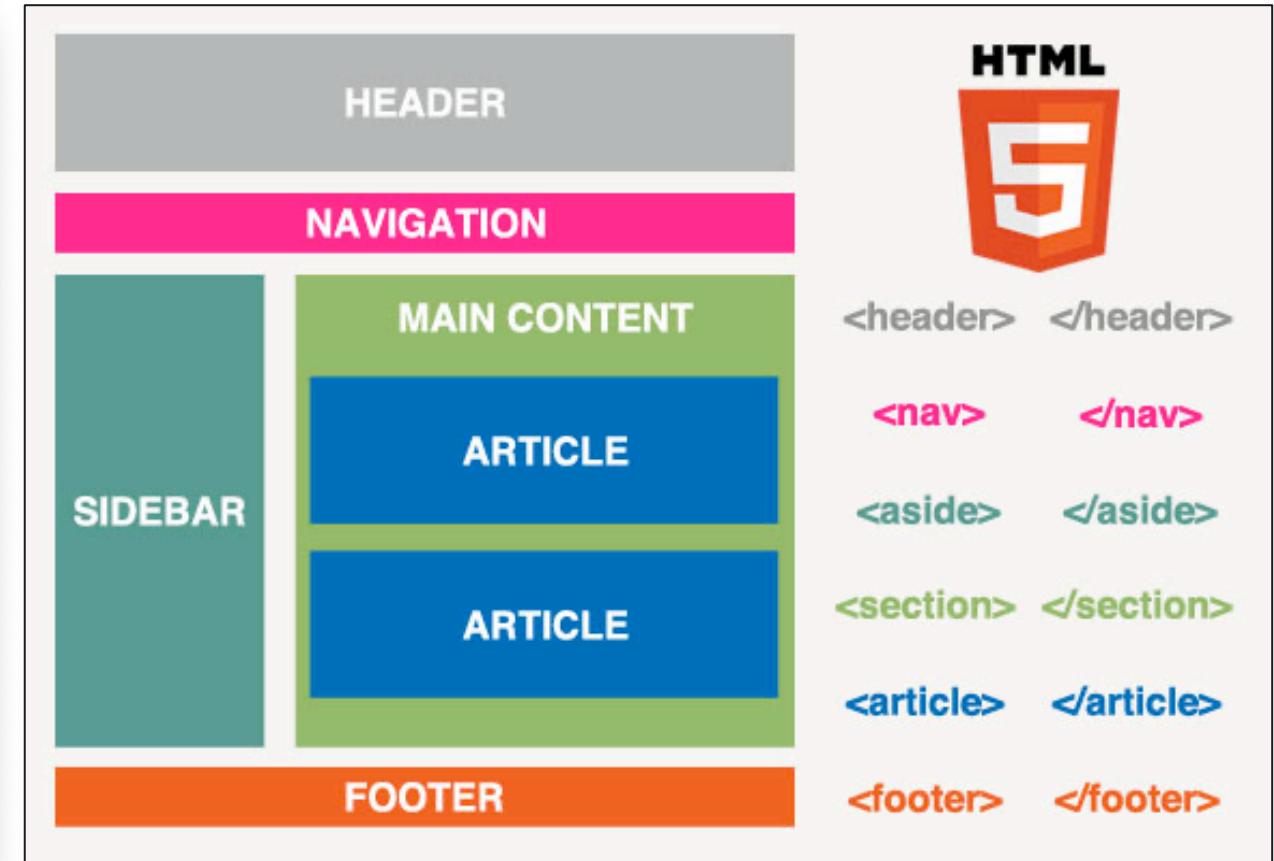
Lorem ipsum dolor sit amet

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse sed nisi velit. Phasellus suscipit pellentesque leo, vel efficitur mi placerat sed. Fusce vel condimentum leo, at iaculis ante. Suspendisse posuere, dolor non tempor ullamcorper, nisl elit facilisis erat, nec lacinia augue erat id lacus. Curabitur mollis, justo nec lobortis hendrerit, libero nunc aliquam lacus, ut tristique sem nunc eu metus. Quisque varius orci eu felis sollicitudin malesuada. Vivamus pretium ligula velit, eget facilisis enim imperdiet ac.

Lorem ipsum dolor sit amet

Nam enim sem, pulvinar sed nibh non, vestibulum suscipit dui. Vestibulum vitae sodales velit. Nam cursus, velit id semper malesuada, sem mauris iaculis diam, sit amet auctor ligula lectus in eros. Aliquam tincidunt semper odio, sit amet ornare neque tristique ut. Suspendisse placerat consequat lectus ut varius. Aliquam in ligula non massa auctor porta. Proin auctor mattis elit sit amet tincidunt. Cras auctor mauris augue, et volutpat diam iaculis vitae.

서울특별시 강서구 내발산동





감사합니다