

IF120203-Web Programming

02: CSS

PRU/SPMI/FR-BM-18/0222

PRADITA UNIVERSITY



Goals

- To learn about Cascading Style Sheets (CSS) and its role in web development
- To understand how CSS is used to style HTML elements and create visually appealing web pages
- To learn various CSS properties, selectors, and values for styling web pages
- To apply CSS styles to the HTML code from the previous session and enhance its appearance

Introduction to CSS

- CSS (Cascading Style Sheets) is a style sheet language used to control the presentation and layout of HTML documents.
- It enables web developers to apply styles (e.g., colors, fonts, spacing) to HTML elements, making web pages visually attractive and user-friendly.
- CSS works by associating style rules with HTML elements, which are then applied during the rendering of the web page in a browser.
- The separation of content (HTML) and presentation (CSS) allows for more flexibility and maintainability in web development.

Basic CSS Syntax

```
/* CSS comment */  
selector {  
    property: value;  
    /* more properties and values */  
}
```

```
/* Example */  
h1 {  
    color: blue;  
    font-size: 24px;  
}
```

- `element` - Selects all instances of the specified HTML element.
- `.class` - Selects all elements with the specified class attribute.
- `#id` - Selects a single element with the specified ID attribute.
- `selector1, selector2` - Selects all elements that match either `selector1` or `selector2`.
- `selector1 selector2` - Selects all `selector2` elements that are descendants of `selector1`.

CSS - Part 1

```
.container {  
  min-height: 100vh;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}
```

CSS - Part 2

```
.left-section {  
  background-image: url("../img/left-background.png");  
  background-size: cover;  
  background-position: center;  
  background-repeat: no-repeat;  
  min-height: 100vh;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  width: 60%;  
}
```

CSS - Part 3

```
.left-section .title {  
  color: #333;  
  font-size: 24px;  
  margin-bottom: 20px;  
  font-style: oblique;  
  font-weight: bold;  
  margin-top: 10%;  
}
```


CSS - Part 4

```
.left-section label ,  
.left-section select ,  
.left-section input {  
    width: 75%;  
    padding: 10px;  
    border-radius: 45px;  
    font-size: 16px;  
    margin-bottom: 10px;  
    box-sizing: border-box;  
    text-align: center;  
}
```

CSS - Part 5

```
.left-section button {  
  padding: 10px 20px;  
  border-color: aliceblue;  
  border: none;  
  border-radius: 45px;  
  cursor: pointer;  
  font-size: 16px;  
  margin-bottom: 10px;  
}
```

CSS - Part 6

```
.left-section .amount-wrapper ,  
.left-section .converter-wrapper ,  
.left-section .from-converter-wrapper ,  
.left-section .to-converter-wrapper {  
  display: flex;  
  flex-direction: column;  
  justify-content: center;  
  align-items: center;  
  margin-bottom: 10px;  
  width: 100%;  
}
```

CSS - Part 7

```
.right-section {  
  background-image: url("../img/right-background.png");  
  background-size: cover;  
  background-position: center;  
  background-repeat: no-repeat;  
  min-height: 100vh;  
  display: flex;  
  flex-direction: column;  
  padding-right: 5%;  
  justify-content: center;  
  width: 40%;  
}
```

CSS - Part 8

```
.right-section .result-wrapper,  
.right-section .exchange-rate {  
  display: flex;  
  flex-direction: column;  
  align-items: end;  
  text-align: right;  
  margin-bottom: 10px;  
}
```

CSS - Part 9

```
.right-section .result {  
  font-weight: bold;  
  margin-right: 5px;  
  font-size: 48px;  
  color: #f7f7f7;  
  margin-bottom: 5px;  
}
```

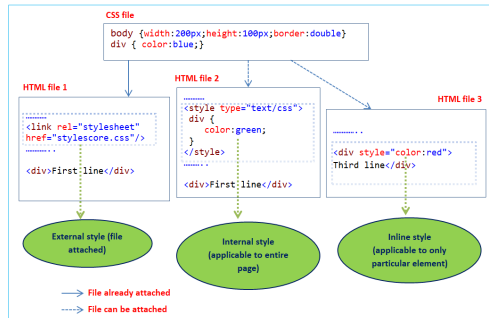
CSS - Part 10

```
.right-section .currency {  
  font-style: italic;  
  color: #f7f7f7;  
  font-size: 24px;  
  margin-bottom: 5px;  
}
```

CSS - Part 11

```
.right-section .exchange-rate {  
  color: #f7f7f7;  
  font-size: 24px;  
}
```


CSS allows you to style HTML elements and create visually appealing web pages. By selecting specific elements and applying various properties, you can control colors, fonts, spacing, and layout to enhance the overall user experience.



Thank You

