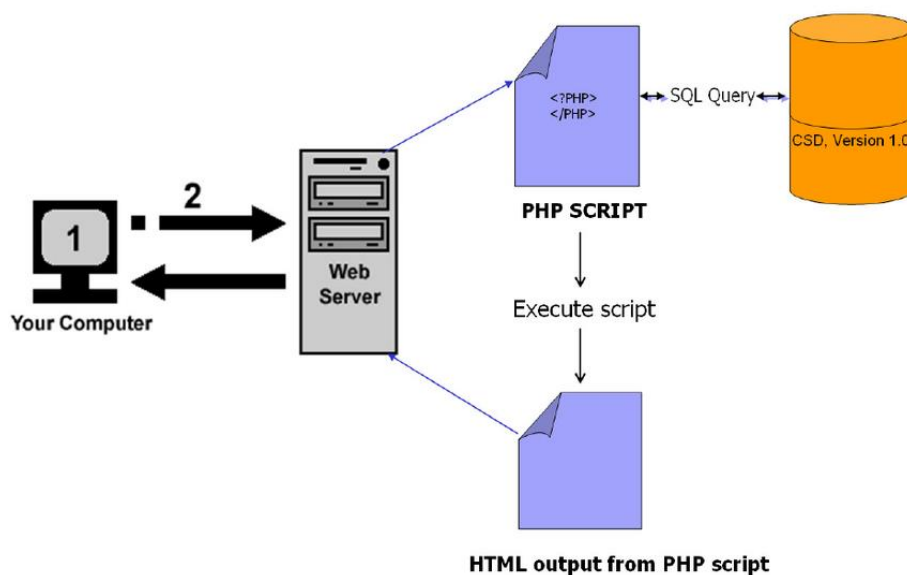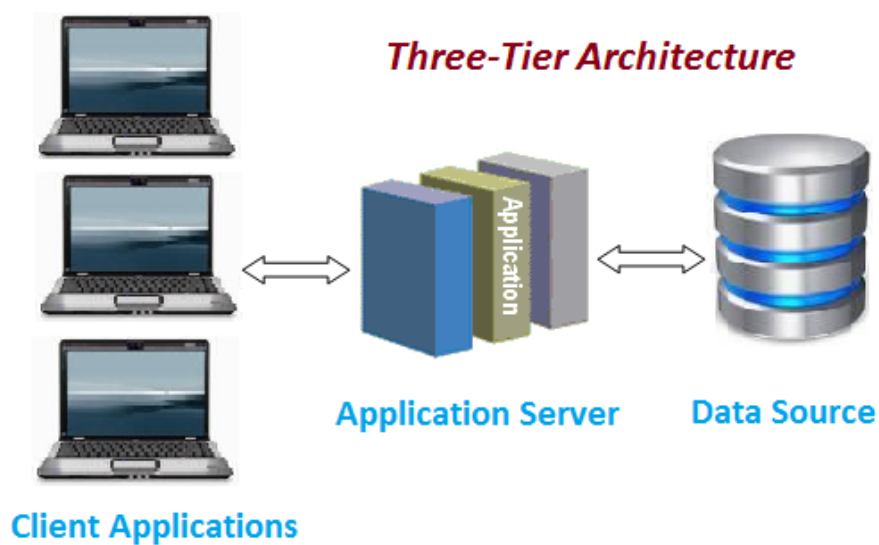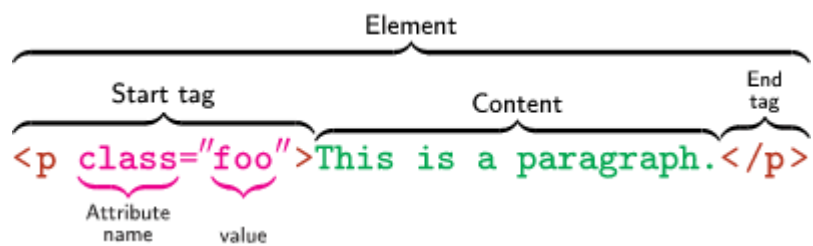# Pirmos Savaitės Teorija

PHP antras lygis – Petras Šlekys

*Pateiktas turinys nepriklauso dokumento autoriui. Viešai surinkta informacija skirta tik asmeninio kartojimosi tikslais.*

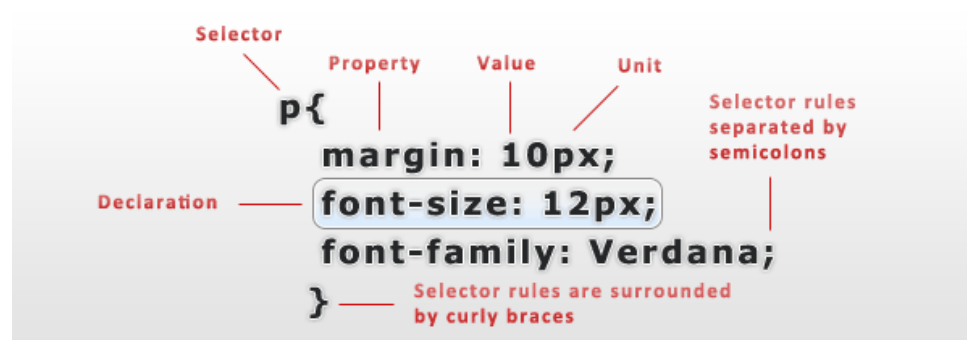## Three Tier Architecture

## HTML Semantika



## CSS Semantika



## CSS rašymo būdai

### Inline CSS

```
<p style="color: blue;">This is a paragraph.</p>
```

### Internal CSS

```
<head>
  <style type = text/css>
    body {background-color: blue;}
    p { color: yellow;}
  </style>
</head>
```
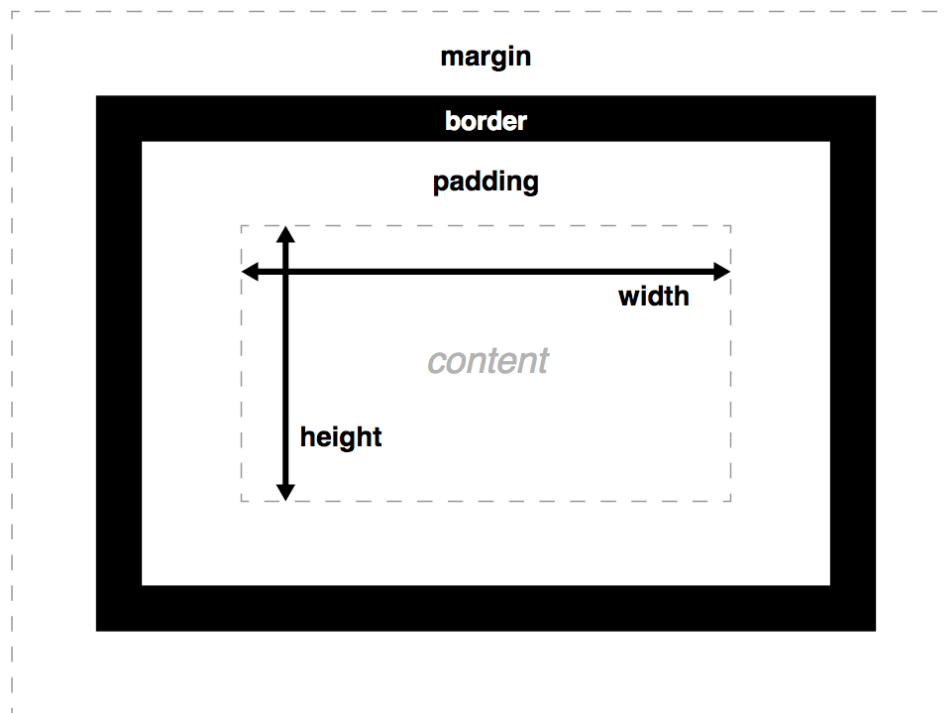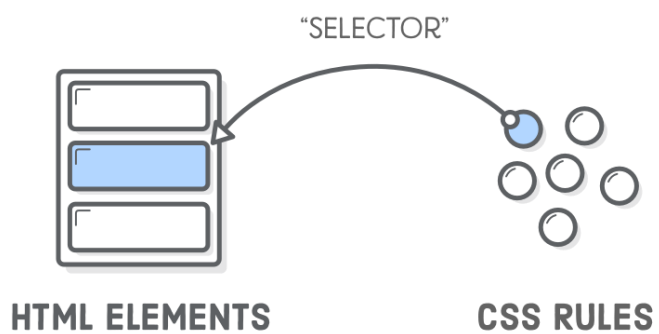
### External CSS

```
<head>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
```

# HTML Box Model



# HTML ir CSS kodo išdėstymas

https://github.com/PSlekys/WebLessonUCL/tree/master/WebsiteTemplates

# CSS Selektoriai

| Selector | Example | Example description |
|---|---|---|
| .class | .intro | Selects all elements with class="intro" |
| #id | #firstname | Selects the element with id="firstname" |
| * | * | Selects all elements |
| element | p | Selects all <p> elements |
| element,element | div, p | Selects all <div> elements and all <p> elements |
| element element | div p | Selects all <p> elements inside <div> elements |
| element>element | div > p | Selects all <p> elements where the parent is a <div> element |
| :first-child | p:first-child | Selects every <p> element that is the first child of its parent |
| :first-of-type | p:first-of-type | Selects every <p> element that is the first <p> element of its parent |
| :focus | input:focus | Selects the input element which has focus |
| :hover | a:hover | Selects links on mouse over |
| :last-child | p:last-child | Selects every <p> element that is the last child of its parent |

**And many more!**

## Ką turiu mokėt?

| 1 | **Front-End pradmenys**<br><br>Bendri HTML/CSS/JS/PHP/MySQL skirtumai.<br>Detalūs HTML/CSS skirtumai.<br>HTML semantika.<br>HTML: doctype (ir HTML versijos), html/head/body, header/main/footer, div, p, span, h1 - h6, img, a.<br>HTML: Block vs inline elementai;<br>Absoliutūs ir reliatyvūs keliai.<br>CSS: color, background-color, font-size, height/width (max, min), text-align, padding/margin, borders;<br>HTML/CSS comments;<br>Kaip naudotis GitHub? |
|---|---|
| 2 | **Pradmenų plėtimas**<br><br>HTML: ul/ol/li, br/hr (nevartotini);<br>CSS inline/internal/external;<br>CSS perrašymas;<br>ID/Class;<br>Reset/Normalize; |
| 3 | **Puslapio struktūrizavimas**<br><br>HTML: nav - meniu kūrimas;<br>HTML: section/article; |

| | |
|---|---|
| | HTML: multiple pages - vienas CSS; |
| 4 | **Lentelės ir paprasti CSS blizgučiai**<br><br>HTML tables;<br>CSS selectors, :active/last-child t.t. |

## Kur galiu pasimokyt papildomai?

1. w3schools: https://www.w3schools.com/

   Paprastai pateikta informacija, gera struktūra.

2. Mozilla Developer Network: https://developer.mozilla.org/en-US/docs/Web

   Labai korektiška informacija, daug vizualizacijų, šiek tiek sudėtingiau aprašyta.

3. CodeCademy: https://www.codecademy.com/learn/learn-html ir

   https://www.codecademy.com/learn/learn-css

   Interaktyvus mokymasis – pagyvina teoriją ir papildo smulkia praktika.