

ŽINIATINKLIO PUSLAPIŲ VARTOTOJO SĄSAJOS PROGRAMAVIMAS: HTML5, CSS

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Tinklapių maketų kūrimo technikos

- CSS parametras *float*
- CSS flexbox
- CSS grid
- CSS framework

CSS parametras *float* / 1



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CSS parametras *float* / 2

```
<img class="left" src= "..."  
alt= "...">  
  
<p>Lorem ...</p>
```

```
.left{  
    float: left;  
    margin-right: 7px;  
}  
  
.right{  
    float: right;  
    margin-left: 7px;  
}
```

CSS parametras *float* / 3



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CSS parametras *float* / 4



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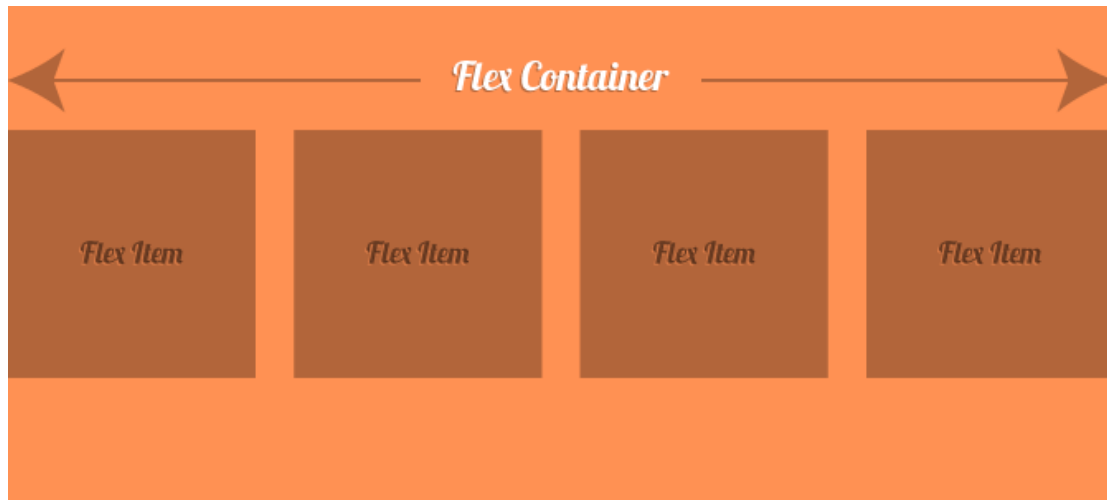
CSS parametras *float* / 4

```
  
  
  
<p class="clear">  
Lorem...</p>
```

```
.left{  
    float: left;  
    margin-right: 7px;  
}  
.clear{  
    clear: both;  
}
```

CSS flexbox | 1

- flex-container
- flex-items



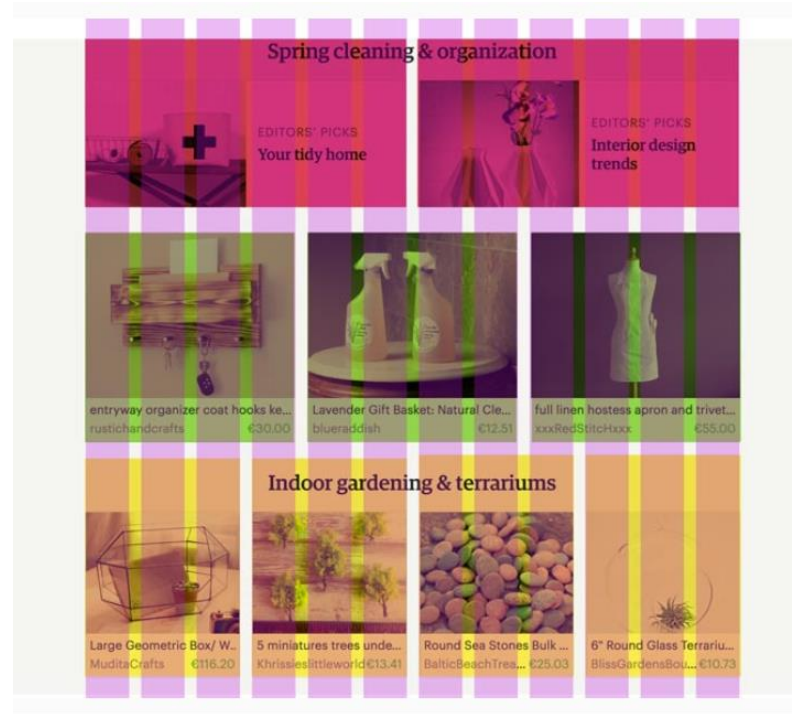
CSS flexbox | 2

- **flex-container**
 - **display**: flex | inline-flex;
 - **flex-direction**: row | row-reverse | column | column-reverse;
 - **flex-wrap**: wrap | nowrap | wrap-reverse;
 - **flex-flow** (shorthand for flex-direction and flex-wrap)
 - **justify-content** (main axis): flex-start | flex-end | center | space-between | space-around | space-evenly;
 - **align-items** (cross axis): flex-start | flex-end | center;

CSS flexbox | 3

- `flex-items`
 - **order**: `<integer>`;
 - **flex-grow**: `<number>`;
 - **flex-shrink**: `<number>`;
 - **flex-basis**: `<length> | auto`;
 - **flex**: shorthand for grow, shrink, and basis (default: 0 1 auto)

CSS grid | 1



CSS grid | 2

- grid-template-columns
- grid-template-rows
- grid-template-areas
- grid-template
- grid-auto-columns
- grid-auto-rows
- grid-auto-flow
- grid
- grid-row-start
- grid-column-start
- grid-row-end
- grid-column-end
- grid-row
- grid-column
- grid-area
- grid-row-gap
- grid-column-gap
- grid-gap

CSS grid | 3

Header

The diagram illustrates a CSS Grid layout with four tracks. The 'Header' track is a dark teal bar at the top. Below it is a row with three tracks: 'Nav' (pink), 'Main' (light gray), and 'Aside' (pink). At the bottom is the 'Footer' track, another dark teal bar. The 'Main' track is the widest, while 'Nav' and 'Aside' are narrower and of equal width.

Nav

Main

Aside

Footer

CSS pavyzdžiai

- Pavyzdžiai:
 - CSS templates

Praktinė užduotis | 1

- CSS praktinė užduotis Nr. 1 | Parametrai *float* ir *clear*
 - index.html
 - style.css
 - rezultatas.docx

Papildomai:

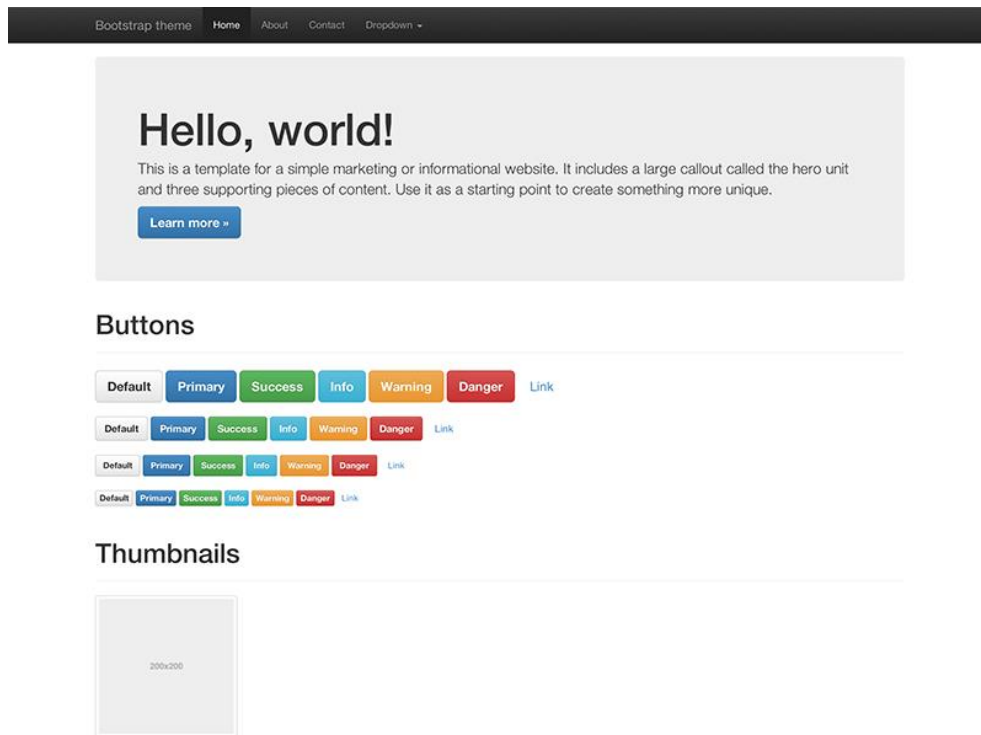
- [Flexbox Froggy](#)
- [Grid Garden](#)

Praktinė užduotis | 2

- CSS praktinė užduotis Nr. 2
 - Duota: nieko 😊
 - Rezultatas.png

CSS framework

- Bootstrap



Praktinė užduotis | 3

- CSS praktinė užduotis Nr. 3
 - HTML dokumentą naudoti iš antrosios užduoties
 - Naudoti Bootstrap
 - Pritaikyti keliems ekranams

Nuorodos

- CSS flexbox
 - <https://css-tricks.com/snippets/css/a-guide-to-flexbox/>
 - <https://www.w3.org/TR/css-flexbox-1/>
- CSS grid
 - <https://css-tricks.com/snippets/css/complete-guide-grid/>
 - <https://www.w3.org/TR/css-grid-1/>

Apibendrinimas

- Kaip sekėsi atlikti užduotis?
- Sunkiausia/lengviausia užduotis, užduoties dalis
- Dažniausiai pasitaikančios klaidos