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ALGEBRA

Exercise 9 - CSS Flexbox, Layout part II

(1) Let’s create a layout from the code we have from last time. We’ll first remove some code and add new. First, remove the item container:

```
<ul class="flex-container">
  <li class="flex-item">1</li>
  <li class="flex-item">2</li>
  <li class="flex-item">3</li>
  <li class="flex-item">4</li>
  <li class="flex-item">5</li>
  <li class="flex-item">6</li>
</ul>
```

(2) Add a wrapper around your navigation and remove the list items

```
<nav>
    <a href="#">Home</a>
    <a href="#">About</a>
    <a href="#">Products</a>
    <a href="#">Contact</a>
</nav>
```

(3) Create a <main> element where we’ll now add a div with class article-wrapper in which we have three articles about Algebra. Only the teaser parts. Every teaser should have a title and a small intro paragraph.

(4) First article:

```
      <article> <h2>Black Friday na Algebra web shopu –
24.11.2023.</h2>
       <p>Black Friday na Algebra web shopu! Samo u petak,
24.11.2023. potražite vaše omiljene artikle s -37% popusta!</p></
article>
```

(5) Create two more of them and add content which you like. You can also take this two here:

```
<article>
            <h2>Prijavite se na Flutter Hot Restart u Algebri –
15.11.2023.</h2>
            <p>Pozivamo vas na Flutter Hot Restart iz serije
Flutter meet up-a, koji će se ovaj puta održati uživo na Visokom
učilištu Algebra, u utorak,15.11.2023. s početkom u 18.00 sati u
dvorani Steve Jobs.</p>
        </article>

        <article>
            <h2>Algebra te poziva na jedinstveno natjecanj</h2>
            <p>U organizaciji Algebre i uz sponzorstvo NATO-a,
održat će se jedinstveno CTF natjecanje Security Day! Uz potporu
EC-Councila maturanti, studenti i ICT profesionalci moći će
testirati svoje znanje iz kibernetičke sigurnosti.</p>
        </article>
```

(6) Add a new wrapper under the article-wrapper named location-wrapper. Inside of him create two div elements. They both should share one class name “box” and have two their own classes. One is called “text-box” and the other “location-box”.

```
<div class="location-wrapper">
        <div class="box text-box">
           …
        </div>
        <div class="box location-box">
          …
        </div>
    </div>
```

(7) Please don’t add the three dots… :)

(8) In the first box add a title

```
            <h2>Gdje iskri?</h2>
```

(9) Now in the second box, add a generated google maps location iframe. Search the Algebra location and find the iframe link. I'll help you!

(10) In the end, it should look like this:

```html
<div class="location-wrapper">
        <div class="box text-box">
            <h2>Gdje iskri?</h2>
        </div>
        <div class="box location-box">
            <iframe src="https://www.google.com/maps/embed?pb=!
1m18!1m12!1m3!1d2781.05001203191!2d15.93893681636424!
3d45.810256779106616!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!
1m2!1s0x4765d6d74e265877%3A0x1a4f4eae9fc461c5!
2sVisoko%20u%C4%8Dili%C5%A1te%20Algebra!5e0!3m2!1shr!2shr!
4v1670233975099!5m2!1shr!2shr" width="600" height="450"
style="border:0;" allowfullscreen="" loading="lazy"
referrerpolicy="no-referrer-when-downgrade"></iframe>
        </div>
    </div>
```

(11) Now create a <footer> element and add three div elements. Inside of each one add a title and at least in one of them add a paragraph or span.

(12) It should look like this:

```html
<footer>
    <div>
        <h3>Novosti o algebri</h3>
    </div>
    <div>
        <h3>Newsletter</h3>
        <span>Dobivaj obavijesti</span>
    </div>
    <div>
        <h3>Webshop</h3>
    </div>
</footer>
```

(13) Now let’s go to our css file. Add the body selector and add some basic styling for it:

```
body {
    margin: 0;
    padding: 0;
    background-color: #000;
}
```

(14) Add some styling for the nav tag so everything looks the same as it was. We are now refactoring our code so you can remove/change the old one so it looks like this:

```
nav {
    display: flex;
    justify-content: flex-end;
    align-items: center;
    list-style: none;
    margin: 0;
    height: 100px;
    background-color: #c92355;
}

nav a {
    text-decoration: none;
    display: block;
    padding: 10px;
    color: #c4c6d1;
}

nav a:hover {
    background: #000;
}
```

(15) Add some margins on the side of our main element:

```
main {
   margin: 0 50px;
}
```

(16) Let’s make our article section great. Target the wrapper and make a nice justification of the content using flex. After that, define text properties for each article and define it’s width and spacing.

```
.article-wrapper {
    display: flex;
    justify-content: space-around;
}

article {
    margin-top: 40px;
    background-color: #161616;
    width: 330px;
    padding: 20px;
    color: #c4c6d1;
}
```

(17). Now do the same for the location content. You can be creative, the only rule is - it should look good on desktop resolution. You can do it like this:

```
.location-wrapper {
    margin-top: 40px;
    display: flex;
    justify-content: center;
}

.location-wrapper .text-box {
    width: 50%;
    color: #c4c6d1;
    display: flex;
    justify-content: center;
    align-items: center;
    background-color: #c92355;}
```

(18) The footer is left! Arrange all three elements inside of it to be rendered as columns. Also align the spacings, add a background color and some height.

```
footer {
    width: 100%;
    margin-top: 40px;
    color: #c4c6d1;
    display: flex;
    justify-content: space-evenly;
    align-items: flex-start;
    background-color: #e27210;
    height: 200px;
}
```