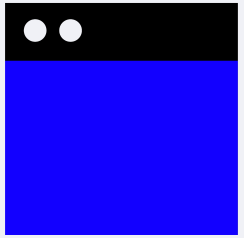
Code Academy



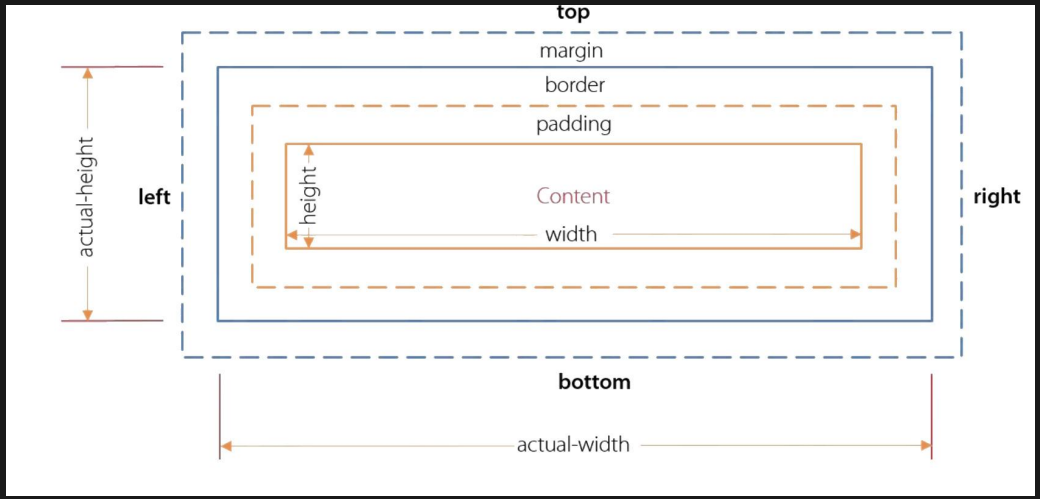
Pavel Sucharev

Praktika! WOHOO!

2022

HTML puslapio struktūra (prisiminkime)

```html
<!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>

    <header>
        <!-- Logotipas (arba kitas identifikacinis simbolis/ženklas) -->
        <nav>
            <!-- Navigacija (klasikinis variantas: meniu) -->
        </nav>
    </header>

    <main>
        <!-- Pagrindinis turinys -->
    </main>

    <!-- <aside> - Galimas naudoti/tačiau naudojamas ne visada -->

    <footer>
        <!-- Papaildoma informacija -->
    </footer>

</body>
</html>
```



CSS dežutės modelis (CSS Box Model)

Kiekvienas elementas html dokumente yra laikomas stačiakampiu (box).

Kaip pridėti CSS stilių?

Yra 3 būdai kaip įterpti stilių:

1. `<style>` žymė dokumento head sekcijoje;
2. Inline stiliai su elemento atributu: `style="…"`
3. Susietas failas per `<link rel="stylesheet" href="style.css">`

1. Kazkoks tekstas kazkoks toks
2. Kazkoks tekstas kazkoks toks
    1. Antra dalis apie teksta
    2. Antra dalis apie teksta
        - Antra dalis apie teksta
        - Antra dalis apie teksta
            1. Antra dalis apie teksta
            2. Antra dalis apie teksta
            3. Antra dalis apie teksta
        - Antra dalis apie teksta
        - Antra dalis apie teksta
        - Antra dalis apie teksta
    3. Antra dalis apie teksta
    4. Antra dalis apie teksta
3. Kazkoks tekstas kazkoks toks
4. Kazkoks tekstas kazkoks toks

Pirkinių sąrašas

- Avokadai
- Kilimas
- Klijai
- Vazonas
- Ledai

Nugalėtojų lentelė

1. Tadas
2. Paulius
3. Linas
4. Lina
5. Paula
6. Tadė
7. Tadas
8. Paulius
9. Linas
10. Lina
11. Paula
12. Tadė

The *British* Shorthair is the pedigreed version of the traditional *British* domestic cat, with a distinctively stocky body, dense coat, and broad face. The most familiar color variant is the "*British* Blue," a solid grey-blue coat, orange eyes, and a medium-sized tail. The breed has also been developed in a wide range of other colours and patterns, including tabby and colorpoint.

It is one of the most ancient cat breeds known. In modern times, it remains the most popular pedigreed breed in its native country, as registered by the UK's Governing Council of the Cat Fancy (GCCF). A quarter of all kittens registered with the GCCF each year are *British* Shorthairs, making the *British* the most popular pedigree cat in the UK.

The breed's good-natured appearance and relatively calm temperament make it a frequent media star, notably as the inspiration for John Tenniel's famous illustration of the Cheshire Cat from Alice in Wonderland. The Cat Fanciers' Association profile reads: "When gracelessness is observed, the *British* Shorthair is duly embarrassed, quickly recovering with a 'Cheshire cat smile'."

Abyssinian

Aegean

American Bobtail

American Curl

American Ringtail

American Shorthair

American Wirehair

Aphrodite Giant

Arabian Mau

Asian cat

Asian Semi-longhair

Burmese

Australian Mist

Abyssinian

Siamese

Bambino

Munchkin

Bengal

Abyssinian

Siamese

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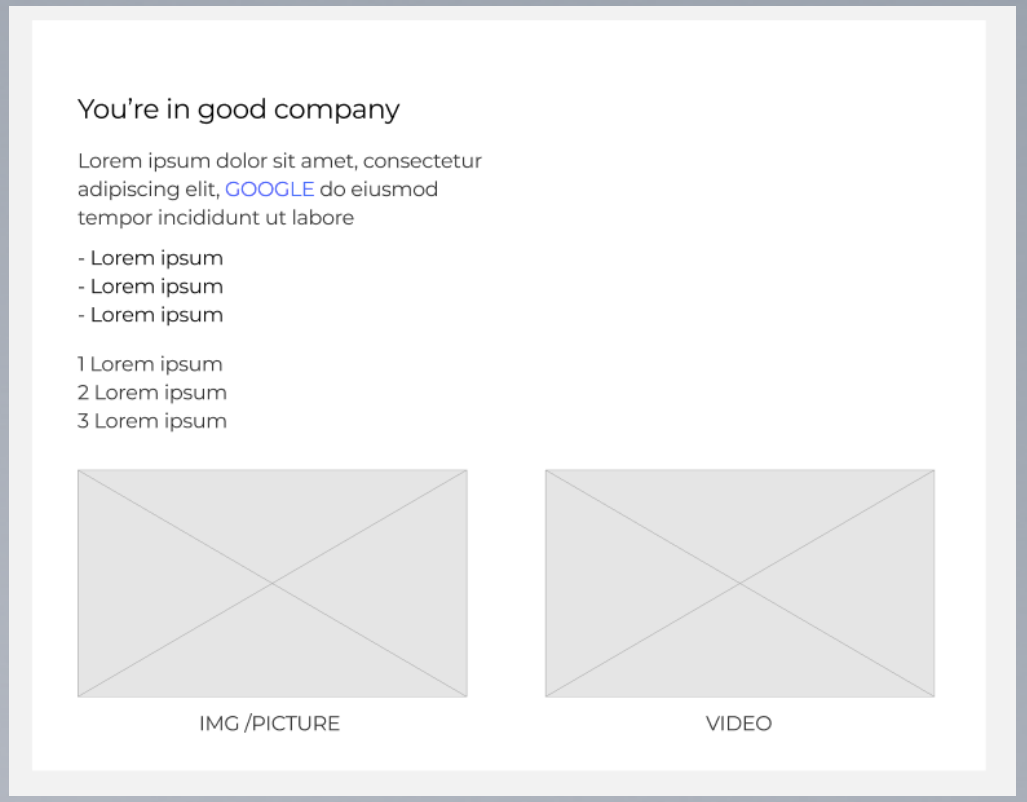
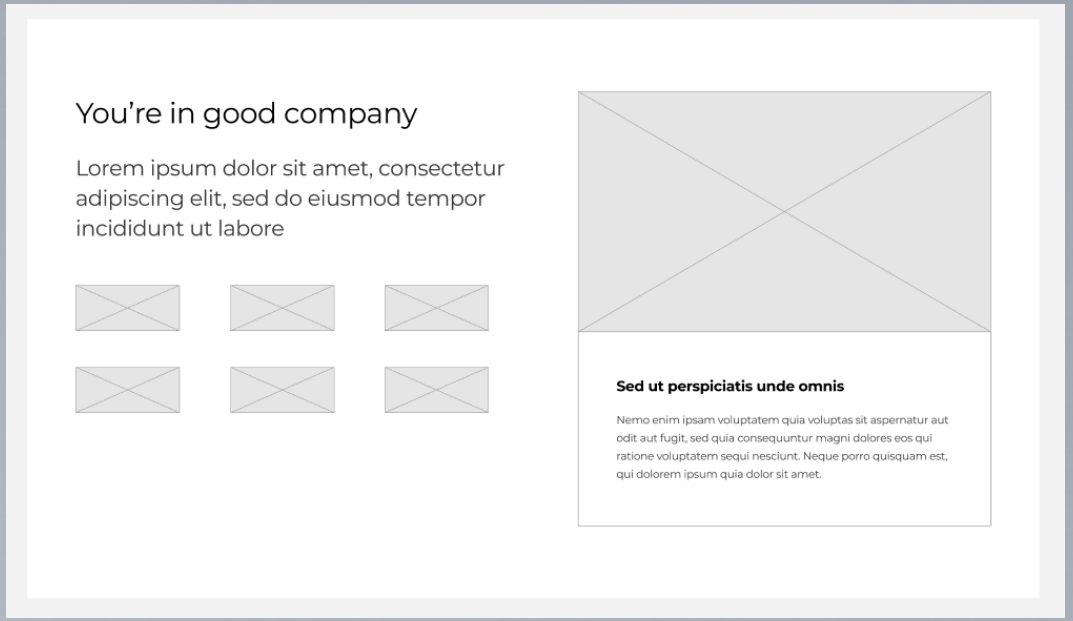
Naudodamiesi HTML, atkurkite šią struktūrą:

Papildomai: Galite naudoti ir CSS blokų stumdymui.



Sukurkite pateiktą struktūrą naudodami prieš aptartas HTML žymas.

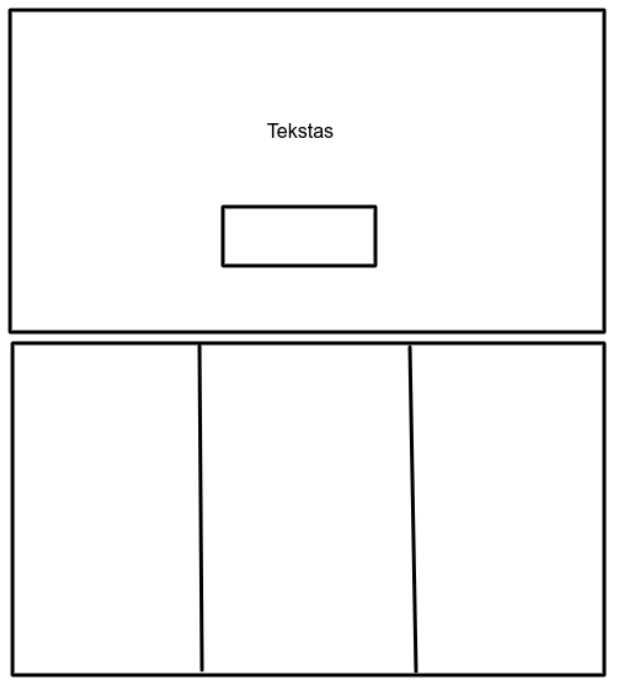
Sukurkite žemiau pateiktą struktūrą naudodami prieš aptartas HTML žymas.



Sukurkite fotografui portfolio puslapį, kuris turės žemiau pateiktus elementus:

- Section 1 – bus pilno ekrano pločio ir aukščio, centre bus h1 tekstas ir žemiau mygtukas;
- Section 2 – bus pilno ekrano pločio ir aukščio, viduje bus trys blokai (pateikti stulpeliu), kurių kiekviename bus po vertikalų paveikslėlį (centruoti).

Schema:



Sukurkite vieną didelį bloką, kuris užims 100% ekrano pločio ir aukščio. Jo viduje turi būti sukurti 5 mažesni blokai, kurie tenkins šiuos reikalavimus:

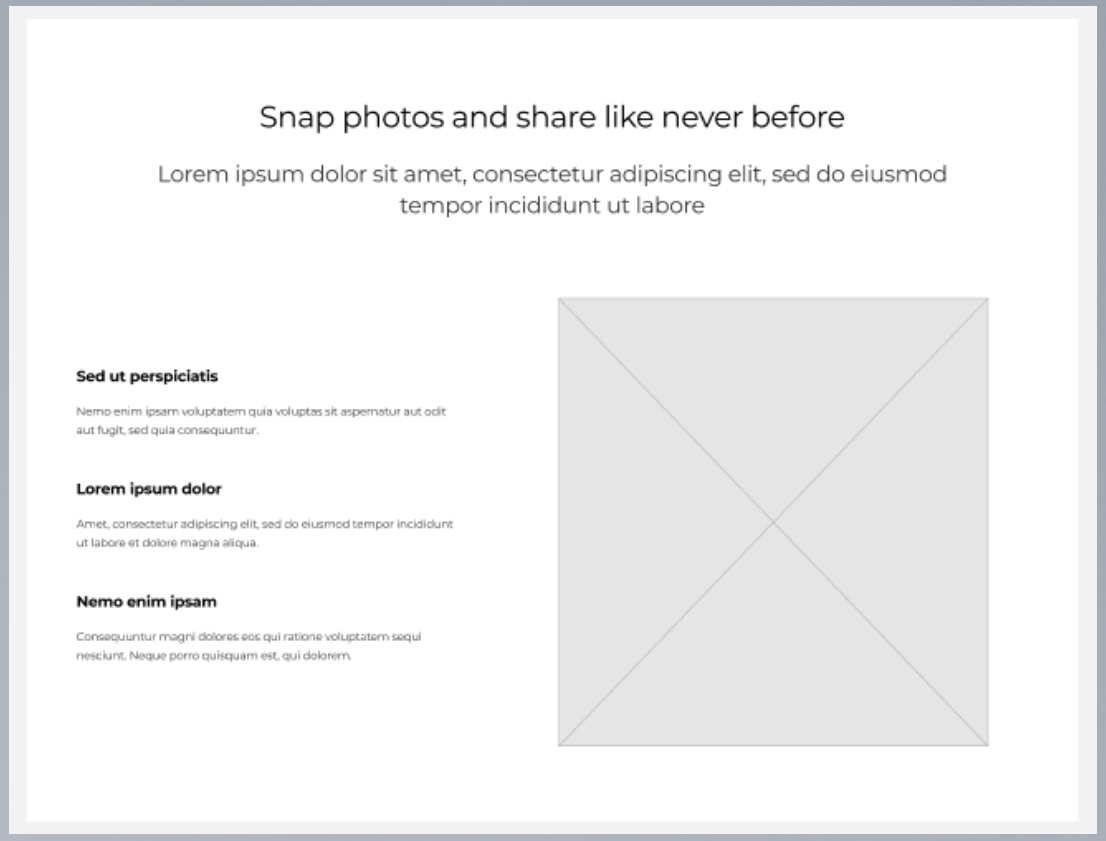
- 1 blokas: bendras elemento aukštis ir plotis 300px, kurį sudarys 30px padding ir 4px border;
- 2 blokas: bendras elemento aukštis ir plotis 300px, kurį sudarys 50px padding ir 4px border;
- *-- 1 ir 2 blokas turi atrodyti vienodai;*
- 3 blokas: Turi užimti 45% tėvinio elemento pločio ir 100px aukščio;
- 4 blokas: Turi būti 250px aukščio ir 200px pločio, bei viduje turėti paveikslėlį ir 5px rėmelį;
- 5 blokas: Turi būti kuriamas kaip mygtukas (jame turi būti panaudojamos width, padding, border, margin savybės).

Pastaba: Blokų turinys, padding bei border turi būti spalvoti, kad pavyktų matyti skirtumą.

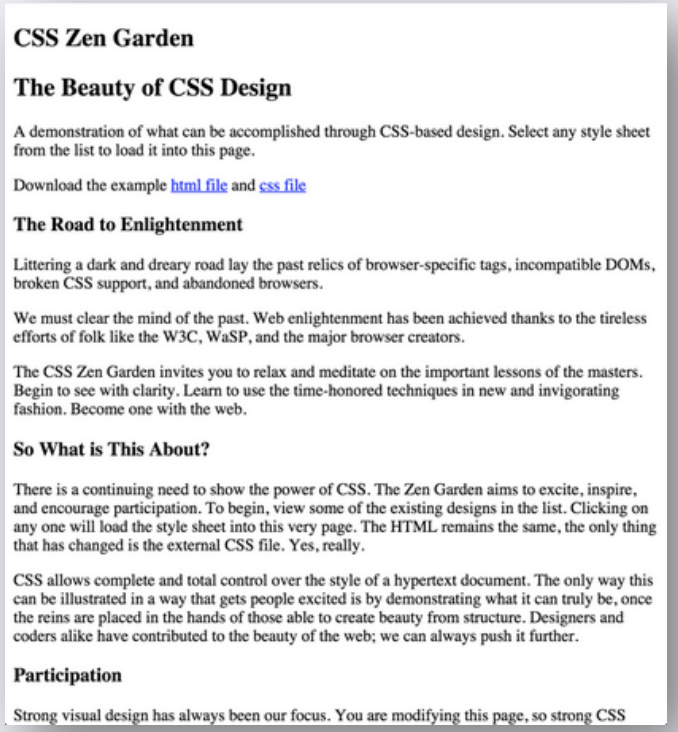
Suprogramuokite HTML puslapį (galima naudoti ir CSS), kuris atitiks, šiuos reikalavimus:

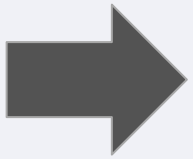
- Pagrindiniai blokai talpinami header, nav, main, footer elementuose;
- Puslapio header dalyje galima rasti logotipą (arba žodį “Logo”), ir navigacijos meniu su 5 punktais (logotipas bus kairėje, o navigacijos meniu dešinėje, jo elementai vienoje eilutėje);
- Puslapio main dalyje bus galima rasti tris section/arba article blokus, kurie turės:
  - 1 blokas: antraštę ir prisistatymo tekstą (tekstas bus centruotas, o bloko aukštis bus lygus jo turiniui + 3 cm iš viršaus ir apačios, o plotyje užims 70% tėvinio elemento);
  - 2 blokas: turės tris mažesniu blokus, kurie viduje turės paveikslėlį, antraštę, tekstą ir mygtuką, kaip nuorodą (blokai eis vienoje eilutėje).
  - 3 blokas: turės du mažesnius blokus (pliusas: blokai eina vienoje eilutėje, kairėje pusėje bus tekstas, o dešinėje pusėje bus video iš Youtube).
- Puslapio footer dalyje bus randami du blokai, kurie eis vienas po kitu. Pirmame (viršutiniame) bloke bus navigacijos meniu (jo elementai centruoti, vienoje eilutėje). Antrame tekstas “All rights reserved” (tekstas centruotas).

Atkurkite šį bloką naudodami HTML (ir CSS);



Užduotis


CSS Zen Garden
The Beauty of CSS Design
A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.
Download the example html file and css file
The Road to Enlightenment
Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DOMs, broken CSS support, and abandoned browsers.
We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, WaSP, and the major browser creators.
The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.
So What is This About?
There is a continuing need to show the power of CSS. The Zen Garden aims to excite, inspire, and encourage participation. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this very page. The HTML remains the same, the only thing that has changed is the external CSS file. Yes, really.
CSS allows complete and total control over the style of a hypertext document. The only way this can be illustrated in a way that gets people excited is by demonstrating what it can truly be, once the reins are placed in the hands of those able to create beauty from structure. Designers and coders alike have contributed to the beauty of the web; we can always push it further.
Participation
Strong visual design has always been our focus. You are modifying this page, so strong CSS



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Naudinga informacija