Міністерство науки і освіти України

Львівський національний університет імені Івана Франка

Факультет електроніки та комп'ютерних технологій

Лабораторна робота №1-3

«Створення сучасної веб-сторінки за допомогою HTML5 та CSS3»

Підготував:

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Львів 2024

Тема: Створення сучасної веб-сторінки за допомогою HTML5 та CSS3

Мета:

- Навчитись створювати HTML документи
- Вивчити та навчитись використовувати теги для створення web-сторінок

Код веб-сторінки

```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>
        <link rel="stylesheet" href="./style.css" />
        <link rel="preconnect" href="https://fonts.googleapis.com" />
        <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin
/>
        <link

href="https://fonts.googleapis.com/css2?family=Cormorant:ital@1&family=Popp
ins&display=swap"
            rel="stylesheet"
        />
    </head>
    <body>
        <header class="header">
        <div class="container">
            <div class="header__menu">
            <a href="#!" class="header__logo">My Page</a>
            <nav class="menu__list">
                <ul class="menu__item">
                <li class="menu__items">
                    <a href="" class="menu__link active">Home</a>
                </li>
                <li class="menu__items">
                    <a href="" class="menu__link">Works</a>
                </li>
                <li class="menu__items">
                    <a href="" class="menu__link">Services</a>
                </li>
                <li class="menu__items">
                    <a href="" class="menu__link">About</a>
                </li>
                <li class="menu__items">
```

```html
                <a href="" class="menu__link">Contact</a>
            </li>
            </ul>
        </nav>
        </div>
        <div class="header__row">
        <div class="header__content">
            <h1 class="header__content-title">
            Vlad Vybyranyi <br />
            Data Scientist & Developer
            </h1>
            <div class="header__content-text">
            I'm a Lviv National University student and a passionate
Programmer Developer and Problem Solver. I'm
                interested in all kinds of technology and software
development.
            </div>
        </div>
        <div >
            <img class="header__image" src="./img/someguy.jpeg" alt=""
/>
        </div>
        </div>
    </div>
    </header>
    <section class="services">
    <div class="container">
        <ul class="services__list">
        <li class="services__item">
            <img class="services__img" src="./img/graphic 1.jpg" alt=""
/>
            <div class="services__title">Data Science</div>
            <div class="services__text">
            I am a beginner in the field of data science, but I am
ready to learn and develop in this direction.
            </div>
        </li>
        <li class="services__item">
            <img class="services__img" src="./img/startup 1.jpg" alt=""
/>
            <div class="services__title">Development</div>
            <div class="services__text">
            Also I am a beginner in the field of development, but I am
ready to learn and develop in this direction.
            </div>
        </li>
```

```html
            <li class="services__item">
                <img class="services__img" src="./img/browser 1.jpg" alt=""
/>
                <div class="services__title">software development</div>
                <div class="services__text">
                I like to develop software in many laguages such as Rust,
Python, C, C++ and others.
                </div>
            </li>
            </ul>
        </div>
        </section>

        <section class="table">
            <div class="table__table">
                <table>
                    <tr>
                        <th>Company</th>
                        <th>Contact</th>
                        <th>Country</th>
                    </tr>
                    <tr>
                        <td>Alfreds Futterkiste</td>
                        <td>Maria Anders</td>
                        <td>Germany</td>
                    </tr>
                    <tr>
                        <td>Centro comercial Moctezuma</td>
                        <td>Francisco Chang</td>
                        <td>Mexico</td>
                    </tr>
                </table>
            </div>
        </section>

        <section class="frame">
            <iframe width="560" height="315"
src="https://www.youtube.com/embed/JLD_Nl12oac?si=3bfQKixEYzSmu9iP"
title="YouTube video player" frameborder="0" allow="accelerometer;
autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture;
web-share" allowfullscreen></iframe>
        </section>

        <footer class="footer">
        <div class="footer__body">
            <h1 class="footer__title">Contacts</h1>
```

```html
            <div class="footer__text">
            Want to know more about me? You are welcome!
            </div>
            <div class="form-div">
                <form>
                    <div class="form-names">
                        <input type="text" name="fname" placeholder="First
Name" class="fname">
                        <input type="text" name="lname" placeholder="Last
Name" class="lname">
                    </div>
                    <div class="form-phone">
                        <input type="tel" name="phone" placeholder="Phone
Number" minlength="10" maxlength="13"
                            class="phone">
                    </div>
                    <div class="form-select">
                        <select class="selection-menu">
                            <option disabled="disabled"
selected="selected">Select Service:</option>
                            <option value="0">Option1</option>
                            <option value="1">Option2</option>
                            <option value="2">Option3</option>
                        </select>
                    </div>
                    <div class="form-area">
                        <textarea name="details" class="textarea"
cols="54.5" rows="10"
                            placeholder="For details"></textarea>
                    </div>
                    <input type="reset" value="SUBMIT NOW" class="form-
submit">
                </form>
            </div>
            <a href="https://telegram.org/" class="footer__link">Send
message ⌨</a>
        </div>
        </footer>
    </body>
</html>
```

style.css

```css
@keyframes slideInFromRight {
  0% {
    transform: translateX(100vw);
```

```css
    }

  100% {
      transform: translateX(0%);
  }
}

* {
  padding: 0;
  margin: 0;
  border: 0;
}
*,
*:before,
*:after {
  -moz-box-sizing: border-box;
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
}
:focus,
:active {
  outline: none;
}
a:focus,
a:active {
  outline: none;
}

nav,
footer,
header,
aside {
  display: block;
}

html,
body {
  height: 100%;
  width: 100%;
  font-size: 100%;
  line-height: 1;
  font-size: 14px;
  -ms-text-size-adjust: 100%;
  -moz-text-size-adjust: 100%;
  -webkit-text-size-adjust: 100%;
}
```

```css
input,
button,
textarea {
  font-family: inherit;
}

input::-ms-clear {
  display: none;
}
button {
  cursor: pointer;
}
button::-moz-focus-inner {
  padding: 0;
  border: 0;
}
a,
a:visited {
  text-decoration: none;
}
a:hover {
  text-decoration: none;
}
ul li {
  list-style: none;
}
img {
  vertical-align: top;
}

h1,
h2,
h3,
h4,
h5,
h6 {
  font-size: inherit;
  font-weight: 400;
}
.container {
  max-width: 1170px;
  margin: 0 auto;
}

body {
  font-family: "Poppins", sans-serif;
```

```css
  color: #000;
}
.header {
  background: #f1f1f1;
}
.header__menu {
  display: flex;
  justify-content: space-between;
  align-items: flex-end;
}
.header__logo {
  position: relative;
  font-size: 32px;
  font-weight: 700;
  line-height: 100%;
  color: #000;
}
.header__logo::after {
  content: "";
  position: absolute;
  width: 8px;
  height: 8px;
  bottom: -3px;
  right: -12px;
  background-color: #fda300;
  border-radius: 50%;
}
.menu__list {
}
.menu__item {
  display: flex;
  gap: 0 50px;
}
.menu__link.active {
  color: #606060;
}
.menu__link {
  font-size: 14px;
  font-weight: 500;
  color: #000;
}
.menu__link:hover {
  text-decoration: underline;
}
.header__content {
}
```

```css
.header__content-title {
  font-size: 44px;
  font-weight: 600;
  line-height: normal;
  margin-top: 265px;
}
.header__content-text {
  font-size: 14px;
  font-weight: 400;
  line-height: 200%;
  width: 500px;
  margin-top: 20px;
}
.header__row {
  display: flex;
  padding-bottom: 20px;
}
.header__image {
  margin-top: 76px;
  margin-left: 176px;
  border-radius: 50px;
  animation: 1.5s ease 0s 1 slideInFromRight;
}


.services {
  padding: 90px 0;
}

.services__list {
  display: flex;
}

@media (max-width: 1400px) {
  .header__menu {
    flex-direction: column;
    align-items: center;
  }
  .menu__item {
    margin-top: 20px;
  }
  .header__content-title {
    font-size: 34px;
  }
  .header__content-text {
    width: 100%;
```

```css
      text-align: center;
    }
    .header__image {
      display: none;
    }
    .services__list {
      flex-direction: column;
      align-items: center;
    }
    .services__item {
      margin-bottom: 40px;
    }
    .services__img {
      margin-bottom: 20px;
    }
    .services__title {
      font-size: 20px;
    }
    .services__text {
      width: 100%;
      text-align: center;
    }
    .footer__brows {
      flex-direction: column;
      gap: 0 40px;
    }
    .footer__copy {
      text-align: center;
    }
}

.services__item {
  margin: 10px;
  padding: 5px;
  border: 2px solid #000000;
  border-radius: 10px;
  box-shadow: #bebebe 0px 0px 10px;
}
.services__img {
  margin-bottom: 30px;
}
.services__title {
  font-size: 24px;
  font-weight: 600;
  text-transform: uppercase;
  margin-bottom: 10px;
```

```css
}
.services__text {
  width: 370px;
  font-size: 14px;
  font-weight: 400;
  line-height: 2;
}

.footer {
  padding: 90px 0;
}
.footer__body {
  margin: 0 auto;
  text-align: center;
  color: #070707;
}
.footer__title {
  font-size: 34px;
  font-weight: 600;
  margin-bottom: 40px;
}
.footer__text {
  font-size: 18px;
  font-weight: 400;
  margin-bottom: 40px;
}
.footer__link {
  padding: 7px 23px;
  width: 180.5px;
  height: 42px;
  background-color: #070707;
  color: #fff;
  font-size: 18px;
  font-weight: 400;
  border-radius: 40px;
  transition: all 0.3s linear;
}
.footer__link:hover {
  background: #606060;
}
.footer__brows {
  display: flex;
  justify-content: center;
  gap: 0 60px;
  margin-top: 80px;
}
```

```css
.footer__tiem {
}
.footer__img {
}
.footer__copy {
  color: #828282;
  font-size: 14px;
  font-weight: 400;
  margin-top: 41px;
  line-height: normal;
}

.form-div{
  margin: 20px;
  display:flex;
  justify-content: center;
}

.form-names{
  display: flex;
  gap: 0 20px;
  margin-bottom: 20px;
  padding: 2px;
  border: 2px solid #000000;
  border-radius: 5px;
}

.form-phone{
  padding: 2px;
  border: 2px solid #000000;
  border-radius: 5px;
  margin-bottom: 20px;
}

.form-select{
  padding: 2px;
  border: 2px solid #000000;
  border-radius: 5px;
  margin-bottom: 20px;
}

.form-area{
  padding: 2px;
  border: 2px solid #000000;
  border-radius: 5px;
  margin-bottom: 20px;
```

```css
}

.form-submit{
  padding: 7px 23px;
  width: 180.5px;
  height: 42px;
  background-color: #070707;
  color: #fff;
  font-size: 18px;
  font-weight: 400;
  border-radius: 40px;
  transition: all 0.3s linear;
}

.table__table{
  margin: 20px;
  display: flex;
  justify-content: center;
}

table, tr, th, td{
  border: 1px solid black;
  border-collapse: collapse;
  padding: 10px;
  height: 50px
}

.frame{
  margin: 20px;
  display: flex;
  justify-content: center;
}
```

Веб-сторінка

Vlad Vybyranyi
Data Scientist & Developer

I'm a Lviv National University student and a passionate Programmer
Developer and Problem Solver. I'm interested in all kinds of technology
and software development.

DATA SCIENCE

I am a beginner in the field of data science, but I am
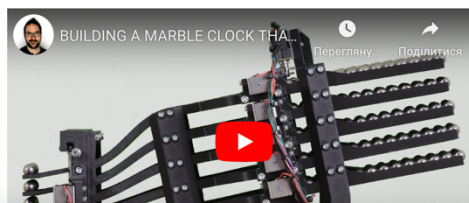ready to learn and develop in this direction.

DEVELOPMENT

Also I am a beginner in the field of development, but
I am ready to learn and develop in this direction.

SOFTWARE DEVELOPMENT

I like to develop software in many laguages such as
Rust, Python, C, C++ and others.

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico

BUILDING A MARBLE CLOCK THA...   Переглянy...   Поділитися

Contacts

Want to know more about me? You are welcome!
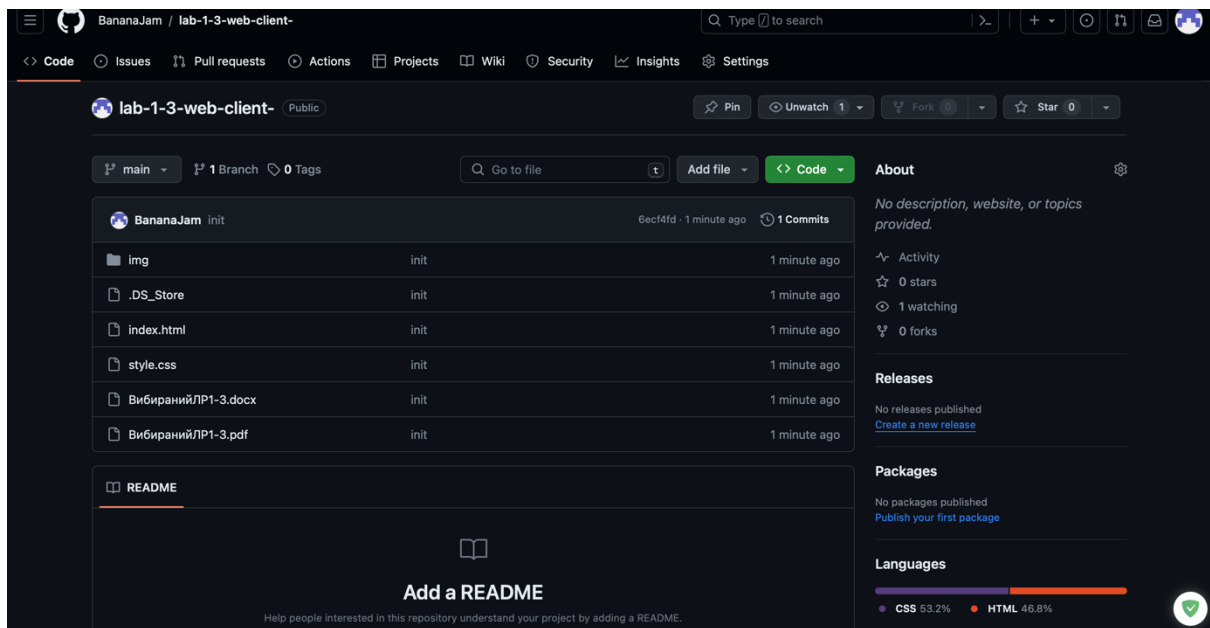
First Name   Last Name

Phone Number

Select Service: ⌄

For details

SUBMIT NOW

Завантажена на Github робота

Висновок: під час виконання лабораторної роботи я навчився створювати веб-сторінки із сучасним дизайном за допомогою тегів HTML5 та каскадних стилів CSS3.