VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE TEHNOLOGIJE

DOKUMENTACIJA
Web programiranje 1

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Catalog

1. Uvod

1.1 Korišćeni alati

Alati korišćeni za izradu sajta: HTML, CSS, Bootstarp, XML, JavaScript i jQuery biblioteka   Radno okruženje: Visual Studio Code

1.2 Opis funkcionalnosti

◆ <u>Dinamičko ispisivanje navigacije</u> (navigacija u hederu i navigacija u footer-u)

◆ <u>Scroll heder</u> - u JavaScript-u uradjeno da kada se skroluje mišem na dole, heder sa navigacijom se "zalepi" za vrh strane

◆ <u>Dinamički blokovi</u> - ispisani uz pomoć JS, sadrže ikonicu, naslov i tekst

◆ <u>Validacija sign in forme</u>(username i password) i ispis o uspešnom popunjavanju.

◆ <u>U JavaScript-u uz pomoć onclick-a ulaženje i izlaženje iz sign in forme klikom na dugme x.</u>

◆ <u>Read more/Read less</u> – inicijalno sakriven paragraf koji se klikom na dugme Read more prikazuje, kada je prikazan inicijalno sakriven paragraf tekst dugmeta se menja na Read less.

◆ <u>HOVER</u> – rađen uz pomoć jQuery biblioteke. Nalazi se na više mesta na sajtu, kao na primer na svakom dugmetu se menja pozadinska boja kada se preko nje predje mišem.

◆ <u>Korišćenje jQuery plugin-a</u> – za slider u sekciji about. Smenjuju se tri slike automatski u intervalu 2000.

◆ <u>Slider blokovi</u> – ispisani dinamički. Automatsko slajdovanje ili uz pomoć drag-a ili klikom na ikonicu. Menjaju se ponude knjiga. Dinamički ispisane ikonice, slike, naslov, cene, dugme.

◆ <u>DInamički ispisane društvene mreže u footer-u</u>

◆ <u>Validacija forme</u> i ispisivanje poruke o uspešnom popunjavanju

1.3 Template
Za izradu sajta nije korišćen gotov template.

2. Organizacija

2.1 Organizaciona šema

2.2 Mapa sajta

```xml
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
    <loc>https://zokag.github.io/bookly/index.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>daily</changefreq>
    <priority>1</priority>
</url>
<url>
    <loc>https://zokag.github.io/bookly/author.html</loc>
    <lastmod>2023-12-10</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.5</priority>
</url>
</urlset>
```
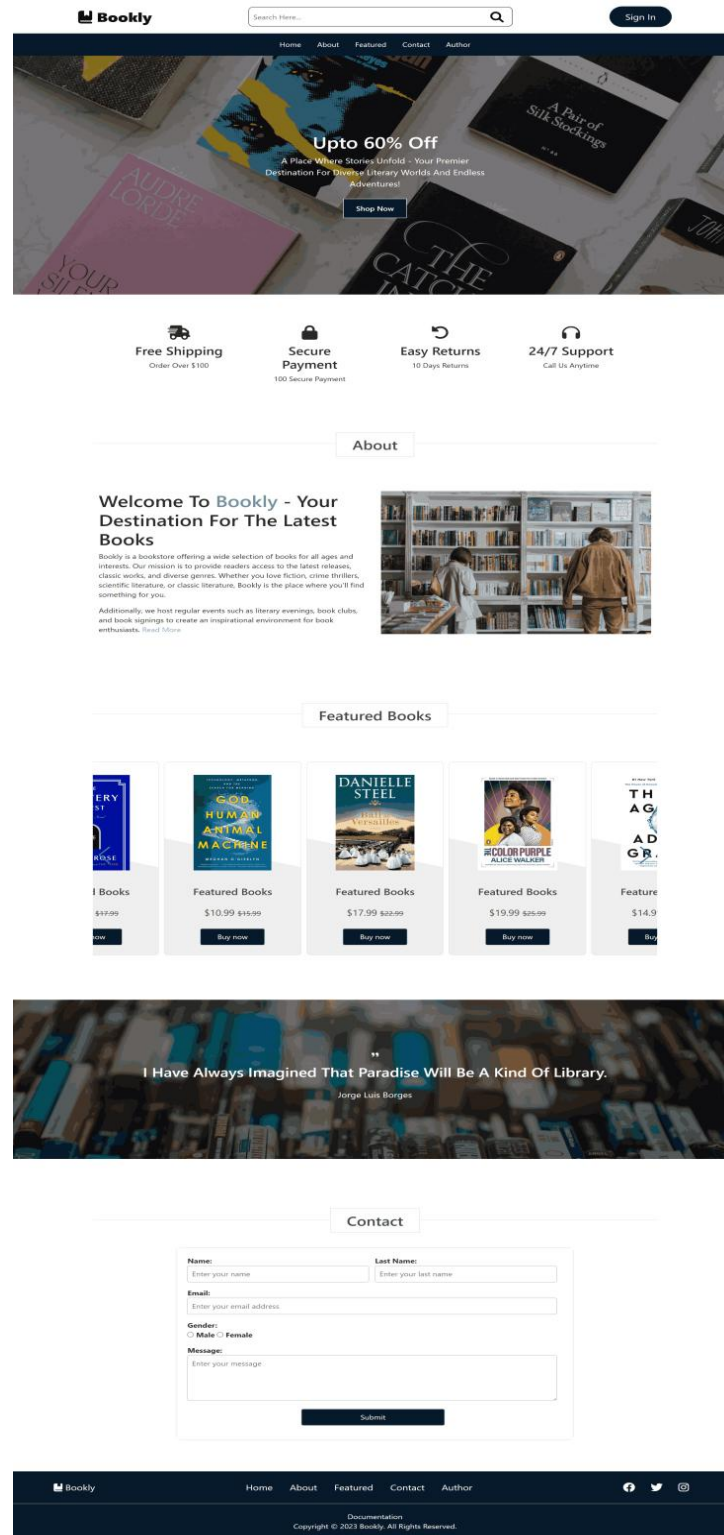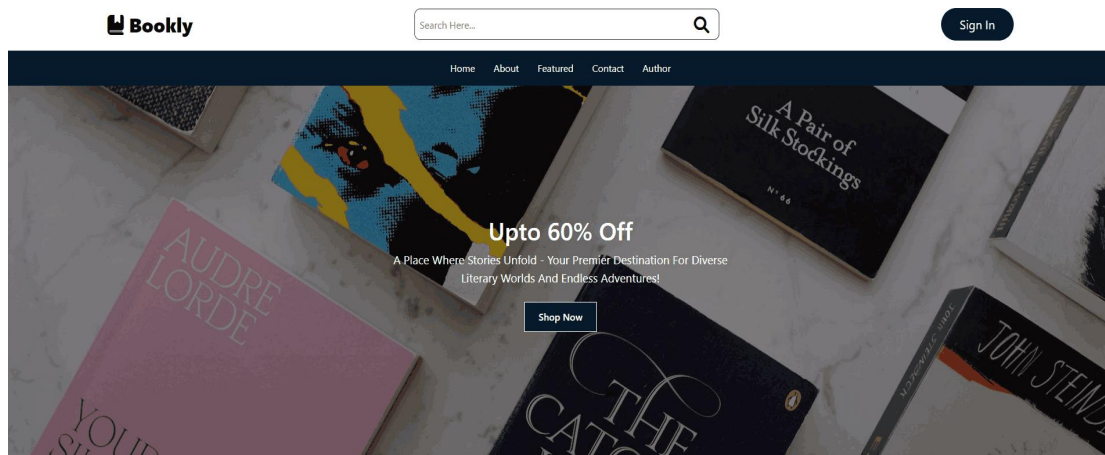
2.3 Slike i opis funkcionalnosti
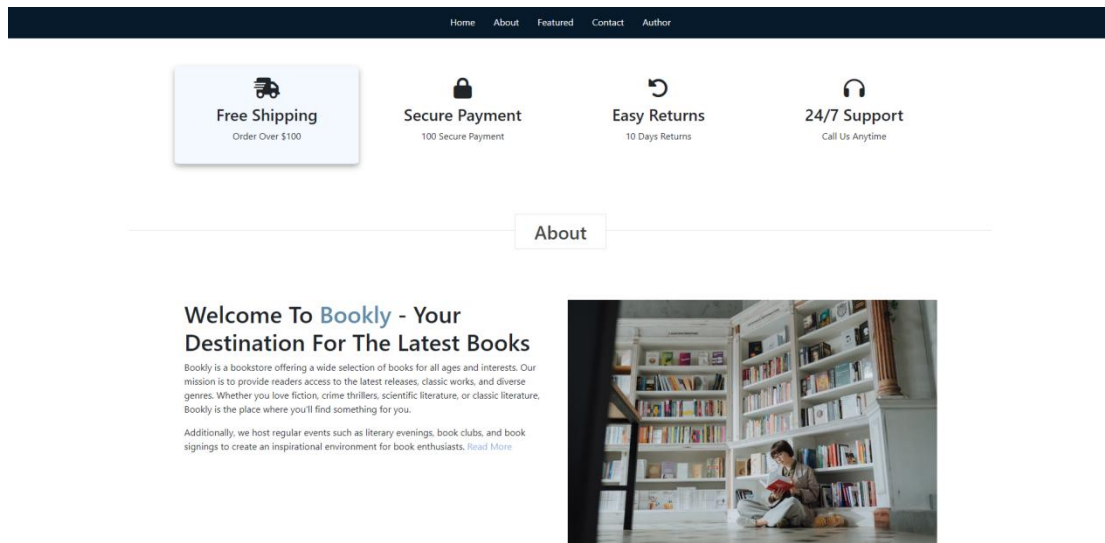
Izgled celog sajta

Dinamički uradjena navigaciona lista. Preko svakog elementa liste je uradjen hover uz pomoć JQuery-a tako da kad se pređe mišem preko svakog elementa pozadina promeni boju.
Hover je urađen za svako dugme na sajtu kao i za logo.

Kada se pritisne na dugme "Sign In" otvara se sign in forma za koju je uradjena validacija uz pomoć JavaScript-a. Pritiskom na dugme "Sign In" vrši se provera dok god podaci ne budu ispravni.
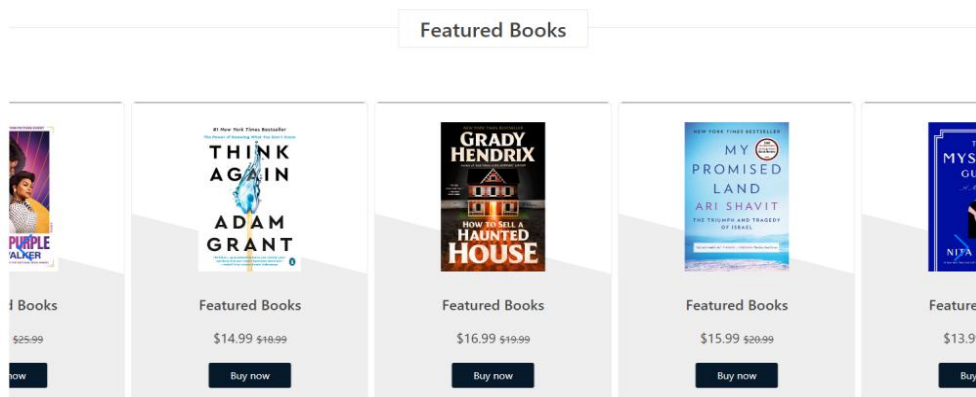Kada budu ispravni pojavljuje se poruka o uspešnom prijavljivanju.

Navigacija je uradjena tako da se "zalepi" za vrh stranice kad se mišem skroluje na dole. To je urađeno preko JavaScript-a.

Blokovi su urađeni dinamički u JavaScript-u(ikonica,naslov i tekst). Hover je urađen preko Jquery-a tako da se prelaskom miša menja pozadinska boja i dodaje box shadow.

U sekciji About uradjen je inicijalno sakriven paragraf koji se klikom na dugme Read more prikazuje a kada je prikazan, tekst dugmeta se menja na Read less.

Pored je slajder sa slikama, urađen u JQuery dinamički. Smenjuju se tri slike automatski u intervalu 2000.

Na slici su slider blokovi – ispisani dinamički. Automatsko slajdovanje je uključeno a može se prevlačiti uz pomoć drag-a ili klikom na ikonicu. Menjaju se ponude knjiga. Dinamički ispisane ikonice, slike, naslov, cene, dugme. Takođe postoji hover dugmeta urađen u Jquery-u.

Urađena je validacija forme. Kada se pritisne dugme "Submit" prikazuju se greške(ukoliko ih ima). Kada se forma popuni ispravno, pojavljuje se poruka o uspešnom popunjavanju.

U futeru, ikonice i navigacija su urađeni dinamički putem JavaScripta. Hover se nalazi na svim elementima(JQuery)

3. Kodovi

3.1 HTML(index)

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta name="keywords" content="bookly, book, featured, about,
bookstore"/>
    <meta name="description" content="Bookly is your ultimate online
bookstore offering a diverse collection of books catering to all ages
and interests. Our platform aims to provide readers with access to the
latest releases, timeless classics, and a variety of genres. Whether
you're a fan of fiction, crime thrillers, scientific literature, or
classic works, Bookly is your go-to destination to discover something
tailored just for you."/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="author" content="Zorka Grčić 53/22"/>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <link rel="stylesheet" href="assets/css/style.css" type="text/css">
    <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/slick-
carousel/1.8.1/slick.css">
    <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/slick-
carousel/1.8.1/slick-theme.css">
    <!--Favicon-->
    <link rel="shortcut icon" type="image/x-icon"
href="assets/img/favicon.png">
    <!--Bootstrap css-->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet" integrity="sha384-
9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM"
crossorigin="anonymous">
    <!--fontawsome-->
    <link rel="stylesheet" href="https://site-
assets.fontawesome.com/releases/v6.0.0/css/all.css"/>
    <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-
bundle.min.css" />
    <title>Bookly</title>
</head>
<body>
    <!-- Start header -->
```

```html
    <header class="header">
        <div class="header1">

            <div class="logo">
                <a href="index.html" class="logo text-decoration-none">
                    <i class="fa-duotone fa-book-bookmark"></i>
                    Bookly</a>
            </div>
            <form action="" class="search-form">
                <input type="search" name="" placeholder="search
here..." id="search-box" class="ps-2">
                <label for="search-box" class="search-icon fas fa-
search ps-0 pe-3"></label>
            </form>

            <div class="fs-5 d-flex" >
                <button id="login-btn" class="rounded-5">Sign
In</button>
            </div>
        </div>
        <div class="header2 d-flex text-align-center justify-content-
center">
            <ul id="navbar" class="navbar mb-0 py-3"></ul>
        </div>
    </header>

    <!-- login-form start-->
    <div class="login-form-container d-flex align-items-center justify-
content-center">
        <div id="close-login-btn" class="fas fa-times"></div>
        <form id="signIn" action="" method="get">
            <h3>sign in</h3>
            <div class="username">
            <p class="mb-0">username</p>
            <input type="name" name="login" class="box"
placeholder="enter your username" id="login-name" required>
            <span class="error-message pt-0"
id="userNameError"></span></div>
            <div class="password">
            <p class="mb-0">password</p>
            <input type="password" name="password" class="box"
placeholder="enter your password" id="pass" required>
            <span class="error-message pt-0"
id="passwordError"></span></div>
            <div class="checkbox d-flex align-items-center">
                <input type="checkbox" name="checkbox" id="remember-
me">
                <label for="remember-me">remember me</label>
```

```html
            </div>
            <button type="submit" class="btn text-align-center w-100"
id="sign-in-button">sign in</button>
            <span class="successSubmit ms-2" id="success-
message"></span>
        </form>
    </div>
    <!-- login-form end-->

    <main>
        <section id="home" class="home d-flex align-items-center">
        <div class="container-fluid d-flex justify-content-center">
            <div class="col-lg-4 col-md-6 content text-center">
                <h1>upto 60% off</h1>
                <p class="mb-4">Welcome to Bookly, where the world
of literature awaits your exploration.</p>
                <a href="#featured" class="btn2">shop now</a>
            </div>
        </div>
        </section>
        <section class="icons-container">
                <div id="blocksContainer" class="d-flex justify-
content-center flex-wrap mt-5"></div>
        </section>
        <section id="about">
            <h1 class="heading text-center mt-0 mb-
5"><span>About</span></h1>
            <div class="container pt-5">
                <div class="row">
                    <div class="tekst col-lg-6 col-md-12">
                        <h1 id="naslov">Welcome to <span
class="blue">Bookly</span> - Your Destination for the Latest Books</h1>
                        <p id="pocetniTekst">Bookly is a bookstore
offering a wide selection of books for all ages and interests. Our
mission is to provide readers access to the latest releases, classic
works, and diverse genres. Whether you love fiction, crime thrillers,
scientific literature, or classic literature, Bookly is the place where
you'll find something for you.</p>
                        <p>Additionally, we host regular events such as
literary evenings, book clubs, and book signings to create an
inspirational environment for book enthusiasts. <span id="readMore"
onclick="prikaziDodatniTekst()">Read more</span></p>
                        <p id="dodatniTekst" style="display:
none;">During holidays and special seasons, we create exclusive book
offers and packages to enrich your reading experience. Stay tuned to
catch special deals and gifts for your loved ones.<span id="readLess"
onclick="sakrijDodatniTekst()">Read less</span></p>
```

```html
                </div>
                <div class="slider col-lg-6 col-md-12 my-0">
                </div>
            </div>
        </div>
    </section>
    <section id="featured" class="featured">
        <h1 class="heading text-center mt-0 mb-5"><span>featured
books</span></h1>
        <div class="swiper featured-slider pt-3">
            <div class="swiper-wrapper js-products">
            </div>
            <div class="swiper-button-next"></div>
            <div class="swiper-button-prev"></div>
        </div>
    </section>
    <section id="background" class=" d-flex justify-content-center
align-items-center">
        <div class="content text-white d-flex align-items-center">
            <i class="fa-solid fa-quote-right text-white"></i>
            <h2 class="py-3">I have always imagined that Paradise
will be a kind of library.</h2>
            <p>Jorge Luis Borges</p>
        </div>
    </section>

    <section id="contact">
        <h1 class="heading text-center my-
5"><span>contact</span></h1>

        <div id="form-container">
            <form id="myForm" action="" method="get">
                <div class="form-group d-flex col-12">
                    <div class="name col-6">
                    <label for="name">Name:</label>
                    <input type="text" id="name" name="name"
placeholder="Enter your name" required>
                    <span class="error-message" id="nameError"></span>
                </div>
                <div class="lastName col-6">
                    <label for="last-name">Last Name:</label>
                    <input type="text" id="last-name" name="last-name"
placeholder="Enter your last name" required>
                    <span class="error-message"
id="lastNameError"></span>
                </div>
            </div>
                <div class="form-group">
```

```html
                    <label for="email">Email:</label>
                    <input type="email" id="email" name="email"
placeholder="Enter your email address" required>
                    <span class="error-message" id="emailError"></span>
            </div>
            <div class="form-group">
                    <label>Gender:</label>
                    <div class="gender-group mt-2">
                        <input type="radio" id="male" name="gender"
value="male" required>
                        <label for="male">Male</label>
                        <input type="radio" id="female" name="gender"
value="female" required>
                        <label for="female">Female</label>
                    </div>
                    <span class="error-message"
id="genderError"></span>
            </div>
            <div class="form-group">
                    <label for="message">Message:</label>
                    <textarea id="message" name="message" rows="4"
placeholder="Enter your message" required></textarea>
                    <span class="error-message"
id="messageError"></span>
            </div>
            <div class="form-group d-flex justify-content-center">
                    <button type="submit" id="form-submit"
class="btn3">Submit</button>
                    <span class="successSubmit ms-2" id="success-
message2"></span>
            </div>
        </form>
    </div>
</section>
<footer id="footer">

    <div class="container d-flex">
        <div class="logo-futer">
            <a href="index.html" class="text-decoration-none">
                <i class="fa-duotone fa-book-bookmark"></i>
                Bookly</a>
        </div>
<div class="footer-nav">
        <ul id="navigation" class="navigation mb-0 ps-0 d-
flex"></ul>
    </div>

        <div id="socialIcons"></div>
```

```html
            </div>
            <hr class="white-line">
            <div id="link-to-center">
                <a href="documentation.pdf">Documentation</a>
            </div>
            <div class="copy">
                <p>Copyright &copy; 2023 Bookly. All Rights Reserved.</p>
            </div>
        </footer>
    </main>
    <!-- jquery -->
    <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/slick-
carousel/1.8.1/slick.min.js"></script>
    <script src="assets/js/jquery.js" type="text/javascript"></script>

    <!--Bootstrap js-->
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.
min.js" integrity="sha384-
I7E8VVD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM8ODewa9r"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.min.
js" integrity="sha384-
fbbOQedDUMZZ5KreZpsbe1LCZPVmfTnH7ois6mU1QK+m14rQ1l2bGBq41eYeM/fS"
crossorigin="anonymous"></script>
    <!--Swiper-->
    <script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-
bundle.min.js"></script>
    <!--JS-->

    <script src="assets/js/main.js" type="text/javascript"></script>

</body>
</html>
```

Author.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <!--Favicon-->
  <link rel="shortcut icon" type="image/x-icon"
href="assets/img/favicon.png">
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
```

```html
    <link rel="stylesheet" href="assets/css/style.css" type="text/css">
    <!--Bootstrap css-->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
in.css" rel="stylesheet" integrity="sha384-
9ndCyUaIbzAi2FUVXJi0CjmCapSmO7SnpJef0486qhLnuZ2cdeRhO02iuK6FUUVM"
crossorigin="anonymous">
    <!--fontawsome-->
    <link rel="stylesheet" href="https://site-
assets.fontawesome.com/releases/v6.0.0/css/all.css"/>
    <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-
bundle.min.css" />
    <title>Bookly | Author</title>
</head>
<body class="authorBg d-flex justify-content-center align-items-
center">
    <div class="homepage">
        <a href="index.html"><i class="fa-solid fa-house fs-2"></i></a>
    </div>
    <section id="middle-author" class="rounded-5">
        <div class="container my-5">
            <div class="row d-flex zg-row justify-content-evenly align-
items-center">
                <div class="col-8 col-md-4">
                    <img src="assets/img/author.png" class="img-fluid
rounded-5" alt="author">
                </div>
                <div class="col-12 col-md-6">
                    <div class=" zg-title">
                        <h2 class="text-capitalize fs-3 mb-0 mt-md-0 mt-5 text-
center text-md-start">Get to know me!</h2>
                        <p class="red fs-5 mb-3 mb-lg-5 text-center text-md-
start">Information</p>
                    </div>
                    <div class="info">
                            <h3 class="mb-1 fs-4  text-center text-md-
start">Name:</h3>
                            <p class="text-center text-md-start">Zorka
Grčić</p>
                        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Index number:</h3>
                            <p class="text-center text-md-
start">53/22</p>
                        <h3 class="mt-4 mb-1 fs-4 text-center text-md-
start" >Collage:</h3>
                            <p class="text-center text-md-start">ICT</p>
                        <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">High
School:</h3>
```

```html
                         <p class="text-center text-md-
start">Gimnazija in Obrenovac</p>
                <h3 class="mt-4 mb-1 fs-4 text-center text-md-start">More
Info</h3>
                         <p class="text-center text-md-start">If you
want to find out more about the author of this website <a
href="https://zokag.github.io/zdesign/index.html" target="_blank"
class="red">click here</a></p>
                </div>
            </div>
        </div>
        </div>
    </section>
</body>
</html>
```

3.2 CSS

```css
*{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    outline: none; border: none;
    text-decoration: none !important;
    text-transform: capitalize;
    transition: all .2s linear;
}
:root{
    --blue:#071a2b;
    --hover:#0d385e;
    --black:#444;
    --border:.1rem solid rgba(0,0,0,.1);
    --border-hover:.1rem solid var(--black);
    --box-shadow: 0 .5rem 1rem #212529ab;;
}
.home{
    background-image:linear-gradient(rgba(0, 0, 0, 0.4), rgba(0, 0, 0,
0.5)),url(../img/bg1.jpg);
    height: 600px;
    background-attachment: fixed;
    background-repeat: no-repeat;
    background-size: cover;
    background-position: left;
}
```

```css
ul li{
    list-style: none;
}
#featured, #contact, #about{
    padding: 5rem 11%;
}
.header1{
    background: #fff;
    padding: 1rem 9%;
    display: flex;
    align-items: center;
    justify-content: space-between;
}
.header1 .logo{
    font-size: 2rem;
    font-weight: bolder;
    color:#000;
}

#search-box{
    width:30rem;
    height: 3rem;
    display: flex;
    align-items: center;
    border: none;

}
.search-form{
    border-radius: 10px;
    border: solid 1px;
    overflow: hidden;
}
.search-form label{
    font-size: 1.7rem;
    padding-left: 1rem;
    color: #000;
}
.icons i,
.icons div{
    font-size: 1.7rem;
    color: #000;
    cursor: pointer;

}
.header2{
    background-color:var(--blue)
}
.navbar a{
```

```css
        color: #000;
        text-decoration: none;
        padding:1rem;
        font-size: 1rem;
        color: #fff;

}
.header  .header2.active{
        position: fixed;
        top:0; left:0; right: 0;
        z-index: 1000;
}
.login-form-container{
        background: rgba(255,255,255,.9);
        position: fixed;
        top: 0; right: -105%;
        z-index: 10000;
        height: 100%;
        width: 100%;
}
.login-form-container.active{
        right:0;
}
.login-form-container form{
        background: #fff;
        border: var(--border);
        width: 35rem;
        padding:1.5rem ;
        box-shadow: var(--box-shadow);
        border-radius: .5rem;
        margin:1.5rem;
}
.login-form-container form h3{
        font-size: 2.2rem;
        text-transform: uppercase;
        color: var(--black);
        text-align: center;
}
.login-form-container form span{
        display: block;
        font-size: 1rem;
        padding-top: 1rem;
}
.login-form-container form p{
        display: block;
        font-size: 1.5rem;
        padding-top: 1rem;
}
```

```css
#login-btn{
    background-color: #071a2b;
    color: #fff;
    padding: .7rem 2rem;
}
.box{
    margin:.7rem 0;
    font-size: 1.3rem;
    border: var(--border);
    border-radius:.5rem;
    padding: 1rem 1.2rem;
    color: var(--black);
    text-transform: none;
    width: 100%;
    transform: none;
}
.checkbox{
    gap:.5rem;
    padding: 1rem 0;
}
.checkbox label{
    font-size: 1rem;
    cursor: pointer;
}
form .btn{
    margin: 1rem 0;
    display: inline-block;
    padding: .9rem 3rem;
    border-radius: .5rem;
    color: #fff;
    background-color: var(--blue);
    font-size: 1.5rem;
    cursor: pointer;
    font-weight:500;
}
form .btn:hover{
    background-color: var(--hover);
    color: #fff;
}
#close-login-btn{
    position: absolute;
    top:1.5rem; right:2.5rem;
    font-size:3rem;
    color:var(--black);
    cursor:pointer;
}
.slider {
    width: 80%;
```

```css
    margin: auto;
    height: auto;
  }
  .slider img {
    width: 100%;
    height: auto;

  }
.content, .content a{
    flex-direction: column;
    color: #fff;
}
.content p{
    font-size: 1.2rem;
}
.btn2{
    border: 1px solid #fff;
    text-decoration: none;
    padding:.7rem 1.5rem;
    background-color: var(--blue);
    font-weight: 500;
    color: #fff;
}
.block {
    padding: 20px;
    margin: 10px;
    text-align: center;
  }
  .block i {
    font-size: 36px;
    margin-bottom: 10px;
  }
  .heading{
    margin-bottom: 2rem;
    position: relative;
  }
  .heading::before{
    content: '';
    position: absolute;
    top: 50%;left: 0;
    transform: translateY(-50%);
    width: 100%;
    height: .01rem;
    background: rgba(0,0,0,.1);
    z-index: -1;
  }
.heading span{
    font-size:2rem;
```

```css
    padding: .5rem 2rem;
    color: var(--black);
    background: #fff;
    border: var(--border);
}
.content {
    display: flex;
    align-items: center;
  }

  .tekst p{
    text-transform: none!important;
  }

  #readMore, #readLess  {
    color: rgb(144, 180, 228);
    cursor: pointer;
  }
  .blue{
    color: rgb(93, 140, 172);
  }
.featured-slider .box{
    width: 25rem;
    margin: 2rem 0;
    position: relative;
    overflow: hidden;
    border: var(--border);
    align-items: center;
    flex-direction:column;
    padding-bottom: 0;
}
.featured-slider .box .image{
    padding: 1rem;
    background: linear-gradient(15deg, #eee 30%, #fff 30.1%);
  width: 25rem;
  display: flex;
  justify-content: center;
}
.featured-slider .box .image img{
    height: 15rem;

}
.btn3{
    color: #fff;
    background-color: var(--blue);
    padding: .7rem 1.1rem;
    font-size: 1rem;
    border-radius: 20px;
```

```css
}
.featured-slider .box .icons{
    border-bottom: var(--border-hover);
    position: absolute;
    top:0;left:0;right:0;
    background: #fff;
    z-index: 1;
    transform: translateY(-100%);
    text-align: center;
}
.featured-slider .box .icons a{
    color: var(--black);
    font-size: 1.2rem;
    padding:1rem;
}
.featured-slider .box .content2{
    background: #eee;
    padding: 1.5rem;
    width: 25rem;

}
.content2{
    text-align: center;
}
.content2 h3{
    font-size: 1.4rem;
    color: var(--black);
}
.content2 .price{
    font-size: 1.3rem;
    color: var(--black);
    padding-top: 1rem;
}
.content2 .price span{
    font-size: 1rem;
    color: var(--black);
    text-decoration: line-through!important;
}
#form-container {
    width: 70%;
    margin: 0px auto;
    background-color: #fff;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}
.form-group {
```

```css
    margin-bottom: 15px;
}
label {
    display: block;
    font-weight: bold;
}
input[type="text"],
#email,
textarea,
input[type="submit"] {
    width: calc(100% - 12px);
    padding: 8px;
    border-radius: 4px;
    border: 1px solid #ccc;
    text-transform: none;
}
.btn, .btn3 {
    width: calc(40% - 12px);
    padding: 8px;
    border-radius: 4px;
    border: 1px solid #ccc;
    text-transform: none;
}
.error-message {
    color: red;
    font-size: 0.9em;
    text-transform: none;
}
#background{
    background:linear-gradient(rgba(0, 0, 0, 0.4), rgba(0, 0, 0, 0.5)),
url(../img/background.jpg);
    height: 400px;
    background-attachment: fixed;
    background-repeat: no-repeat;
    background-size: cover;
}
/* author */
.authorBg {
    background-color: #e9e2e1;
    position: relative;
    height: 100vh;
    backdrop-filter: blur(10px);
}
#middle-author{
    background-color: #fff;
}
.homepage {
    position: absolute;
```

```css
    top: 1.5rem;
    left: 1rem;
    font-size: 1.2rem;
    border: dashed 0.2rem;
    padding: 1px;
}
.homepage i{
    color: var(--blue);
}
#footer {
    background-color:var(--blue);
    padding: 20px 0;
    text-align: center;
    height: 180px;
}
.white-line {
    border: 1px solid #fff;
    margin: 20px 0;
}
#link-to-center {
    text-align: center;
    color: #fff;
}
#link-to-center a, .copy p{
    text-align: center;
    color: #fff;
}
#footer .container {
    display: flex;
    justify-content: space-between;
    align-items: center;
}
/* Stil za navigaciju */
.footer-nav {
    list-style: none;
    padding: 0;
    margin: 0;
}
.footer-nav li {
    display: inline-block;
    margin-right:18px ;
}
.footer-nav li:last-child {
    margin-right: 0;
}
.footer-nav a, .logo-futer{
    text-decoration: none;
    color: #fff;
```

```css
    font-size: 20px;
}
.logo-futer a, .footer-nav li a{
    color: #fff;
    padding: 0.5rem;
}
/* Stil za ikonice društvenih mreža */
#socialIcons {
    font-size: 24px;
}
#socialIcons i {
    margin-right: 15px;
    color: #fff;
    padding: 0.5rem;
}
```

Media queries

```css
/* media queries */
@media (max-width:1024px) {
    html{
        font-size: 85%;
    }
    .header1{
        padding: 2rem;
    }
    #form-container {
        width: 100%;
    }
    .footer-nav a{
        font-size: 15px;
    }
    .home{
        height: 450px;
    }
    .home p{
        font-size: 1.4rem;
    }
    .home h1{
        font-size: 2.8rem;
    }
}
```

```css
@media (max-width:900px) {
    .footer-nav li {
        margin-right:1px ;
    }
    #navigation{
        display: flex;
        flex-direction:column ;
    }
    #footer{
        height: 250px;
    }
}
@media (max-width:768px) {
    html{
        font-size: 75%;
    }
    #search-box{
        width:25rem;
    }
    .bg-photo{
        height: 500px;
    }
    .home{
        height: 400px;
    }
    #background{
        height: 300px;
    }
}
@media (max-width:620px) {
    #search-box{
        width:15rem;
    }
    .bg-photo{
        height: 400px;
    }
    #background{
        display: flex;
        text-align: center;
    }
}
@media (max-width:540px) {
    #search-box{
        display: none!important;
    }
    .search-icon{
        display: none!important;
    }
```

```css
    .search-form{
        display: none!important;
    }
}
@media (max-width:425px) {
    .content2{
        width: 27.5rem!important;
    }
    .featured-slider .box .image {
        width: 27.5rem!important;
    }
}
```

3.3 JS

```js
window.onscroll = () =>{
    if(window.scrollY > 80){
        document.querySelector('.header .header2').classList.add('activ
e');
    }
    else{
        document.querySelector('.header .header2').classList.remove('ac
tive');
    }
}

window.onload = () =>{
  if(window.scrollY > 80){
      document.querySelector('.header .header2').classList.add('active')
;
  }
  else{
      document.querySelector('.header .header2').classList.remove('acti
ve');
  }
}
//loginform start
let loginForm = document.querySelector('.login-form-container')
document.querySelector('#login-btn').onclick = () =>{
    loginForm.classList.toggle('active')
}
document.querySelector('#close-login-btn').onclick = () =>{
    loginForm.classList.toggle('active')
}
//loginform end


//navigation start
```

```javascript
var navigationItems = [
    { title: 'Home', url: 'index.html' },
    { title: 'About', url: 'index.html#about' },
    { title: 'Featured', url: 'index.html#featured' },
    { title: 'Contact', url: 'index.html#contact' },
    { title: 'Author', url: 'author.html' }
];

function createNavigation() {
    var nav = document.getElementById('navbar');

    navigationItems.forEach(function(item) {
        var li = document.createElement('li');
        var a = document.createElement('a');
        a.textContent = item.title;
        a.href = item.url;
        li.appendChild(a);
        nav.appendChild(li);
    });
}
createNavigation();
//navigation end
// dynamic blocks start
var blocksData = [
    { title: 'Free Shipping', iconClass: 'fas', iconType: 'fa-truck-
fast', text: 'Order over $100' },
    { title: 'Secure Payment', iconClass: 'fas', iconType: 'fa-lock',
text: '100 secure payment' },
    { title: 'Easy Returns', iconClass: 'fas', iconType: 'fa-rotate-
left', text: '10 days returns' },
    { title: '24/7 Support', iconClass: 'fas', iconType: 'fa-
headphones', text: 'Call us anytime' }
];

function createBlocks() {
    var blocksContainer = document.getElementById('blocksContainer');

    blocksData.forEach(function(block) {
        var blockDiv = document.createElement('div');
        blockDiv.classList.add('col-12', 'block');
        blockDiv.classList.add('col-md-6');
        blockDiv.classList.add('col-lg-2');

        var iconElement = document.createElement('i');
        iconElement.classList.add(block.iconClass, block.iconType, 'mr-
3');

        var titleElement = document.createElement('h3');
```

```javascript
        titleElement.textContent = block.title;

        var text = document.createElement('p');
        text.textContent = block.text;

        blockDiv.appendChild(iconElement);
        blockDiv.appendChild(titleElement);
        blockDiv.appendChild(text);
        blocksContainer.appendChild(blockDiv);
    });

  }
   createBlocks();

// dynamic blocks end
//read more/less
function prikaziDodatniTekst() {
  $('#dodatniTekst').show();
  $('#readMore').hide();
  $('#tekstNastavak').show();
}
function sakrijDodatniTekst() {
  $('#dodatniTekst').hide();
  $('#readMore').show();
  $('#tekstNastavak').hide();
}
//product slider start
let productsHTML = '';
const products = [{
  id: "12hshd-46fgjjs",
  image:'assets/img/book1.jpeg',
  price:{
    priceCents: 1599,
    priceCents2: 2099
  } ,
 }, {
  id: "13hdhd-47fzzgs",
  image:'assets/img/book2.jpeg',
  price:{
    priceCents: 1399,
    priceCents2: 1799
  } ,
 },
  {
    id: "14hfgd-48fggfss",
    image:'assets/img/book3.jpeg',
    price:{
      priceCents: 1099,
```

```
        priceCents2: 1599
    } ,
},{
  id: "15seerd-49ffgg",
  image:'assets/img/book4.jpeg',
  price:{
    priceCents: 1799,
    priceCents2: 2299
  } ,
},{
  id: "16hddsghd-50fhgs",
  image:'assets/img/book5.jpeg',
  price:{
    priceCents: 1999,
    priceCents2: 2599
  } ,
},{
  id: "17hghdhd-51fghgs",
  image:'assets/img/book7.jpg',
  price:{
    priceCents: 1499,
    priceCents2: 1899
  } ,
},{
  id: "18hghdhd-52dhhs",
  image:'assets/img/book8.jpg',
  price:{
    priceCents: 1699,
    priceCents2: 1999
  } ,
}
]
let listCarts = [];
products.forEach((product) => {
  productsHTML += `
  <div class="swiper-slide box d-flex ">
   <div class="icons">
      <a href="#" class="fas fa-search"></a>
      <a href="#" class="fas fa-heart"></a>
      <a href="#" class="fas fa-eye"></a>
  </div>
    <div class="image">
       <img src="${product.image}" alt="book">
    </div>
    <div class="content2">
        <h3>featured books</h3>
          <div class="price pb-4">$${product.price.priceCents / 100}
<span>$${product.price.priceCents2 / 100}</span></div>
```

```
            <button class="btn3 js-add-to-cart" data-product-
id="${product.id}">Buy now</button>
            </div>
    </div>
  `;
})
document.querySelector('.js-products').innerHTML = productsHTML;
//product slider end
//sign-in form start
document.getElementById('signIn').addEventListener('submit',
function(event) {
  event.preventDefault();
  const userName = document.getElementById('login-name').value;
  const password = document.getElementById('pass').value;
  var isValid = true;
  var regUserName = /^(?=.*\d)[a-z\d]{5,}$/;
if(!regUserName.test(userName)){
  document.getElementById('userNameError').textContent = "Username must
have minimal 5 characters(all lowercase) and at least one digit (0-9)";
  isValid = false;
}
else {
  document.getElementById('userNameError').textContent = "";
}
var regPass = /^(?=.*[0-9])[a-z\d]{8,}$/;
if(!regPass.test(password)){
  document.getElementById('passwordError').textContent = "Your password
must contain at least 8 characters, including only lowercase letters
and at least one digit (0-9).";
  isValid = false;
}
else {
  document.getElementById('passwordError').textContent = "";
}

  if (isValid) {
      // If valid, deleting values
      document.getElementById('login-name').value = '';
      document.getElementById('pass').value = '';
      document.getElementById('success-message').textContent =
"Successfully signed in!";
  }
});

//sign-in form end
//contact form start
document.getElementById('myForm').addEventListener('submit',
function(event) {
```

```javascript
    event.preventDefault();
    const name = document.getElementById('name').value;
    const lastName = document.getElementById('last-name').value;
    const email = document.getElementById('email').value;
    const gender = document.querySelector('input[name="gender"]:checked');
    const message = document.getElementById('message').value;
    var isValid = true;
    var regName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{4,20})?$/;
    if (!regName.test(name)) {
        document.getElementById('nameError').textContent = "Name must
start with a capital and have minimal 3 letters!";
        isValid = false;
    } else {
        document.getElementById('nameError').textContent = "";
    }

    var regLastName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{4,20})?$/;
    if (!regLastName.test(lastName)) {
        document.getElementById('lastNameError').textContent = "Last name
must start with a capital and have minimal 3 letters!";
        isValid = false;
    } else {
        document.getElementById('lastNameError').textContent = "";
    }
    var SignUpReg = /^[a-z]{4,}[0-
9]*@(gmail\.com|yahoo\.com|ict\.edu\.rs)$/;
    if (!SignUpReg.test(email)) {
        document.getElementById('emailError').textContent = "Use
lowercase letters, without '.' and '@gmail.com' or @yahoo.com or
'@ict.edu.rs' at the end.";
        isValid = false;
    } else {
        document.getElementById('emailError').textContent = "";
    }
    if (!gender || !gender.value) {
        document.getElementById('genderError').textContent = 'Please
select a gender';
        isValid = false;
    } else {
        document.getElementById('genderError').textContent = "";
    }
    if (message.length < 10) {
        document.getElementById('messageError').textContent = "Message
should be at least 10 characters long.";
        isValid = false;
    } else {
        document.getElementById('messageError').textContent = "";
    }
```

```javascript
    if (isValid) {
        // If valid, deleting values
        document.getElementById('name').value = '';
        document.getElementById('last-name').value = '';
        document.getElementById('email').value = '';
        gender.checked = false;
        document.getElementById('message').value = '';
        document.getElementById('success-message2').textContent = "Form
successfully submitted!";
    }
});
//contact form end


//swiper-slide start
var swiper = new Swiper(".featured-slider", {
    spaceBetween:10,
    loop:true,
    centeredSlides: true,
    autoplay:{
        delay:9500,
        disableOnInteraction: false,
    },
    navigation: {
        nextEl: ".swiper-button-next",
        prevEl: ".swiper-button-prev",
    },
    breakpoints: {
      0: {
        slidesPerView: 1,

      },
      450: {
        slidesPerView: 2,

      },
     768: {
        slidesPerView: 3,

      },
    1024: {
        slidesPerView: 4,
      },

    },
  });
// swiper-slide end
//futer
```

```javascript
var footerItems = [
  { title: 'Home', url: 'index.html' },
    { title: 'About', url: 'index.html#about' },
    { title: 'Featured', url: 'index.html#featured' },
    { title: 'Contact', url: 'index.html#contact' },
    { title: 'Author', url: 'author.html' }
];
function createFooter() {
  var footer = document.querySelector('#footer');
  var nav = document.getElementById('navigation');

  navigationItems.forEach(function(item) {
    var li = document.createElement('li');
    var a = document.createElement('a');
    a.textContent = item.title;
    a.href = item.url;
    li.appendChild(a);
    nav.appendChild(li);
  });
  var socialMediaIcons = ['facebook', 'twitter', 'instagram']; // Popis
društvenih mreža
  function createSocialIcons() {
      var socialIconsDiv = document.getElementById('socialIcons');

      socialMediaIcons.forEach(function(icon) {
          var iconElement = document.createElement('i');
          iconElement.classList.add('fab', 'fa-' + icon);

          var link = document.createElement('a');
          var socialUrl = '';

          if (icon === 'facebook') {
              socialUrl = 'https://www.facebook.com/';
          } else if (icon === 'twitter') {
              socialUrl = 'https://www.twitter.com/';
          } else if (icon === 'instagram') {
              socialUrl = 'https://www.instagram.com/';
          }

          link.href = socialUrl;
          link.target = '_blank';
          link.appendChild(iconElement);
          socialIconsDiv.appendChild(link);
      });
  }

  createSocialIcons();
```

```
iconDiv.appendChild(navigationUl);
}
createFooter();
```

JQuery

```javascript
$(document).ready(function(){
    // Hover efekat za .logo
    $('.logo').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });

    // Hover efekat za .search-form label
    $('.search-form label').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });
    // Hover efekat za .icons i, .icons div
    $('.icons i, .icons div').hover(function(){
        $(this).css('color', 'rgb(34, 85, 129)');
    }, function(){
        $(this).css('color', '#000');
    });

    $(document).ready(function(){
        $('.navbar a').hover(function(){
            $(this).css('background', 'var(--hover)');
        }, function(){
            $(this).css('background', 'initial');
        });
    });
    $('input[type="submit"]').hover(function(){
        $(this).css({
            'background-color': 'var(--hover)',
            'color': '#fff'
        });
    }, function(){
        $(this).css({
            'background-color': 'var(--blue)',
            'color': '#fff'
        });
    });
    $(document).ready(function(){
        $('.btn2').hover(function(){
            $(this).css({
```

```
                'padding': '1rem 2rem',
                'background-color': 'var(--hover)',
                'font-size': '1.1rem'
            });
        }, function(){
            $(this).css({
                'padding': '',
                'background-color': '',
                'font-size': ''
            });
        });
    });
    $(document).ready(function(){
        // Dodavanje hover efekata za .block
        $('.block').hover(function(){
            $(this).css({
                'border-radius': '5%',
                'box-shadow': 'var(--box-shadow)',
                'background-color': 'rgb(235, 244, 255)'
            });
        }, function(){
            $(this).css({
                'border-radius': '',
                'box-shadow': '',
                'background-color': ''
            });
        });
    });
$(document).ready(function(){
    // Dodavanje hover efekata za .featured-slider .box
    $('.featured-slider .box').hover(function(){
        $(this).css('border', 'var(--border-hover)');
    }, function(){
        $(this).css('border', '');
    });
});
$(document).ready(function(){
    // Dodavanje hover efekata za .btn3
    $('.btn3').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    // Dodavanje hover efekata za .btn3
    $('#login-btn').hover(function(){
        $(this).css('background-color', 'var(--hover)');
```

```
        }, function(){
            $(this).css('background-color', '');
        });
});
$(document).ready(function(){
    $('.footer-nav li a').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('.logo-futer a').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('#socialIcons i').hover(function(){
        $(this).css('background-color', 'var(--hover)');
    }, function(){
        $(this).css('background-color', '');
    });
});
$(document).ready(function(){
    $('.featured-slider .box').hover(function(){
        $(this).find('.icons').css('transform', 'translateY(0%)');
        $(this).find('.image').css('transform', 'translateY(4rem)');
    }, function(){
        $(this).find('.icons').css('transform', '');
        $(this).find('.image').css('transform', '');
    });
    $('.featured-slider .box .icons a').hover(function(){
        $(this).css({
            'background': 'var(--blue)',
            'color': '#fff'
        });
    }, function(){
        $(this).css({
            'background': '',
            'color': ''
        });
    });
});
$(document).ready(function() {
    var images = [
      'assets/img/about.jpg',
```

```
        'assets/img/about2.jpg',
        'assets/img/about3.jpg'
    ];
    var slider = $('.slider');
    $.each(images, function(index, image) {
        var slide = '<div><img src="' + image + '" alt="Slide ' +
(index + 1) + '"></div>';
        slider.append(slide);
    });
    $(document).ready(function(){
        $('.slider').slick({
          slidesToShow: 1,
          slidesToScroll: 1,
          autoplay: true,
          autoplaySpeed: 2000,
        });
      });

  });
});
```