Dokumentacija

Web programiranje 1

https://lazar146.github.io/Termo-Pan/
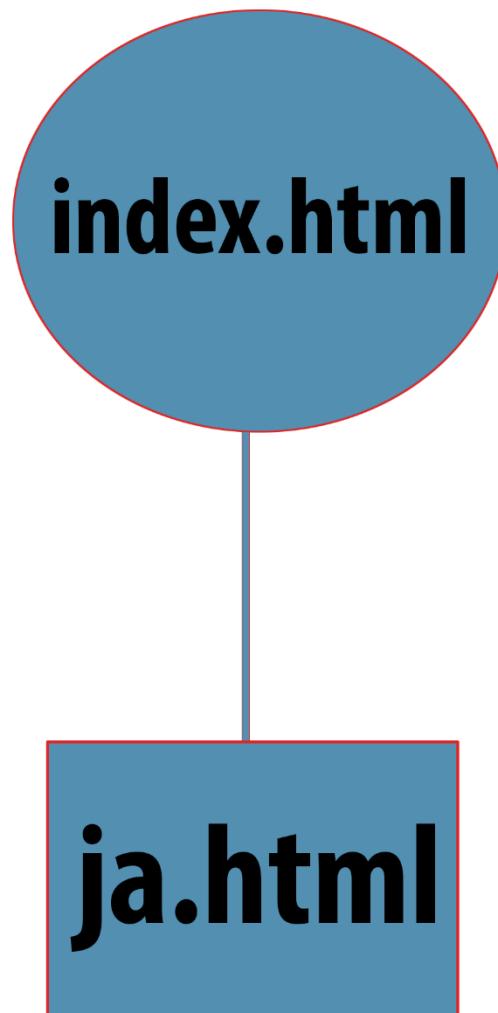
Sema Sajta

1. Uvod

Korišćeni alati:

Alati koje sam koristio su: HTML,CSS,XML,JavaScript,JQuery

Sajt je rađen u programu Visual Studio Code

Opis funkcionalnosti:

- Dinamičko ispisivanje navigacione liste, kao i njihovih linkova
- Navigaciona lisat u vidu hamburgera, sa takodje dinamičkim linkovima
- Menjanje pozadinske slike na 5 sekundi pomoću tajmera
- JQuery slajder sa tekstom.
- Dinamički ispisana 3 bloka sa teksom i ikonicama
- JQuery plugin za bliže prikazivanje slika klikom na njih.
- Dva bloka za automatsko računanje cene urađeno preko JS
- Dinamičko ispisivanje padajuće liste u formi
- Regularni izrazi za ime, prezime, email
- Ispis preostalog broja karaktera za tekstualno polje
- Provera cele forme klikom na dugme
- Ispis grešaka forme
- Ispis da je sve popunjeno kako treba

Za sajt nije korišćen template, već moj protfolio potpuno izmenjen.

2. <u>Opis sajta i funkcionalnosti</u>
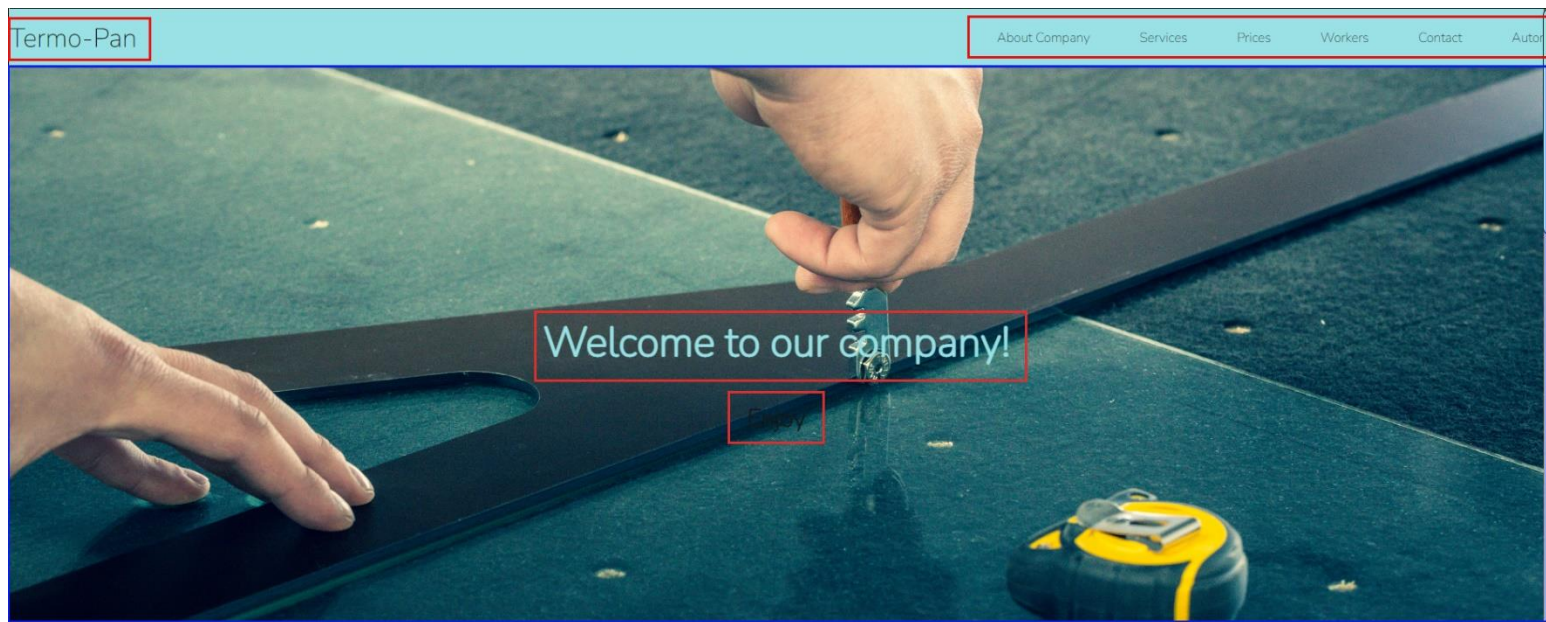
Na vrhu slike imamo navigacioni meni sa dinamički ispisanim linkovima koji vode na druge delove stranice ili ka sajtu o autoru, odmah ispod imamo pozadinsku sliku koja se menja na 5 sekundi sa drugom, na njoj se nalazi tekst koji nam želi dobrodošlicu na sajt

Tu je takodje i responsive hamburger koji služi kao navigacija na manjim rezolucijama:
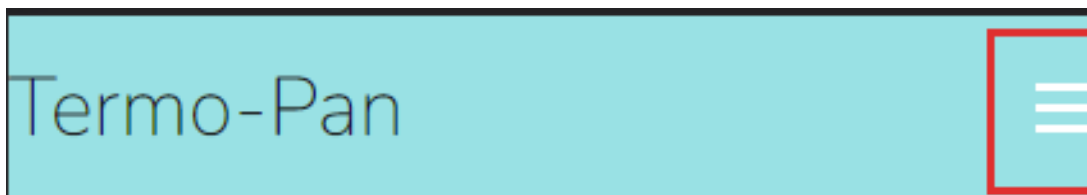
Linkovi uokvireni crvenom bordurom su dinamički ispisani, vode ka određenim delovima stranice, meni se automatski zatvara klikom na neki od linkova ili početkom skrolovanja ili naravno na samo dugme gde je i otvoren.
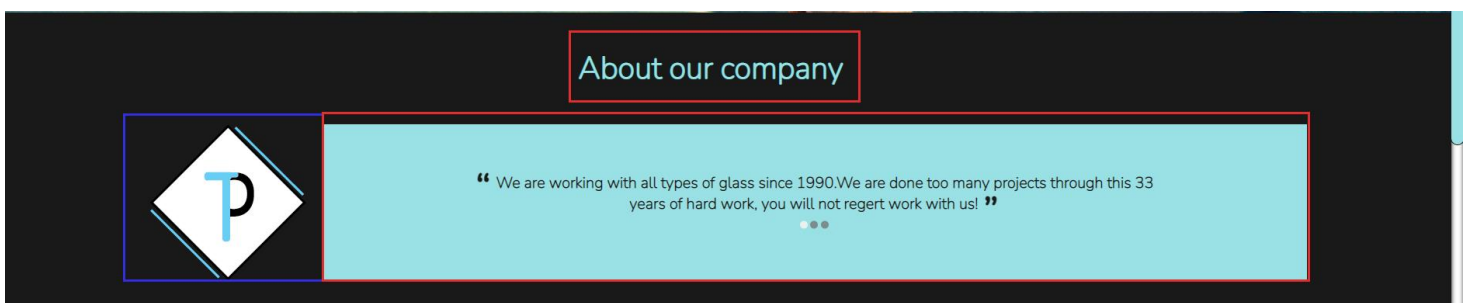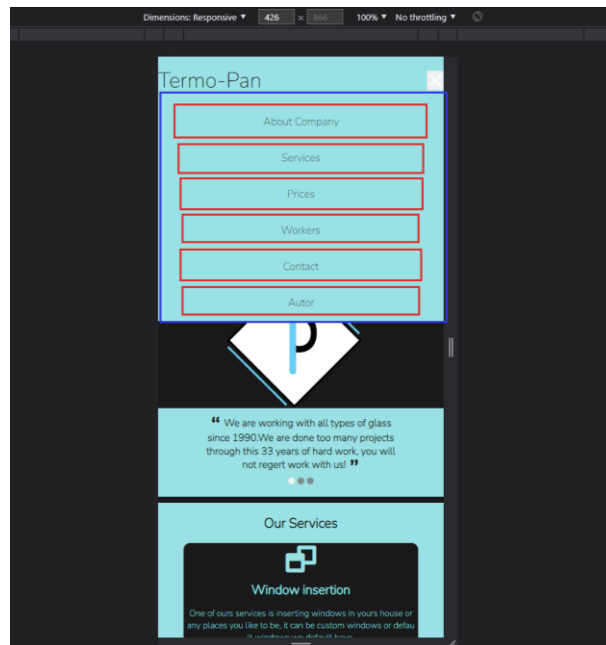
Ovde možemo videti blok sa naslovom dela sajta, logo kompanije i JQuery slajder za menjanje teksta, kojim možemo sami upravljati na 3 tačke ispod teksta.
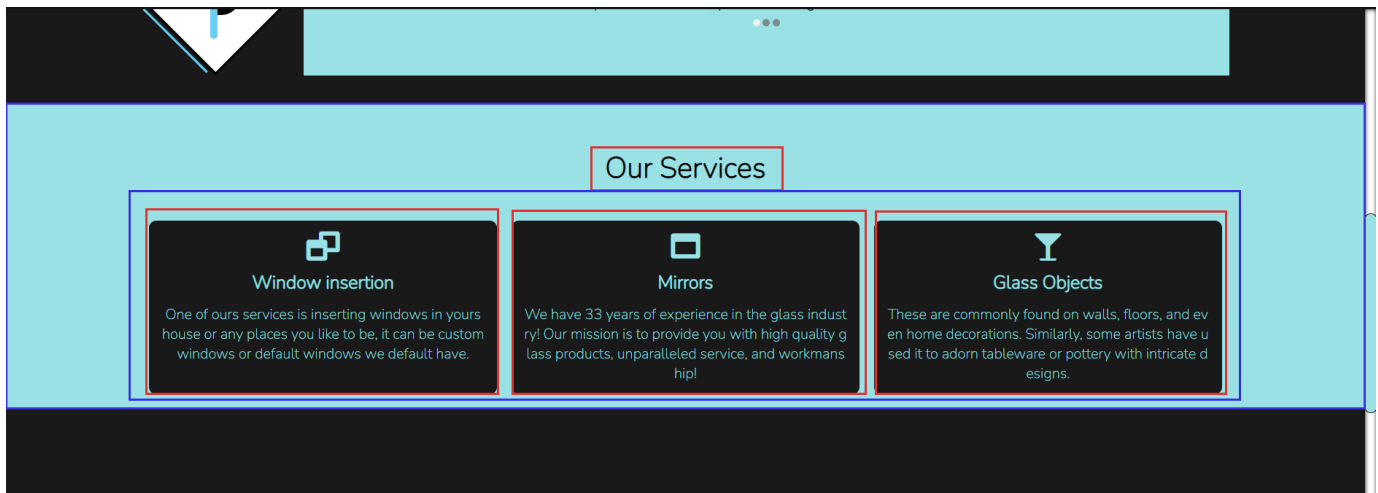
Na ovom delu sajta imamo naslov bloka, odmah ispod 3 bloka koji drže neki sadžaj, ikonice su font-awesome, sva tri bloka su dinamički ispisana.
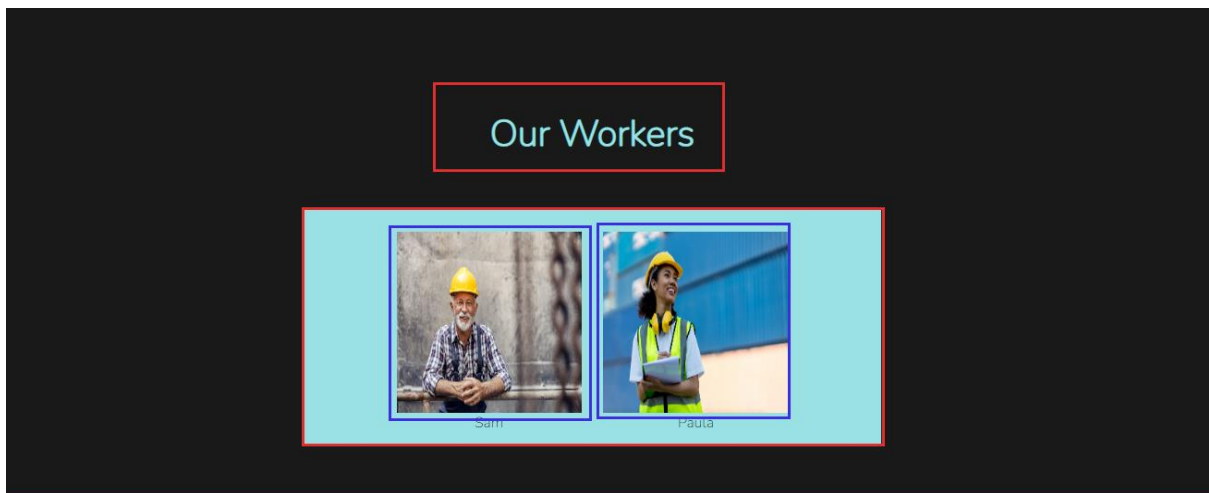
Blok koji sadrzi slike radnika ubacene u JQuery plugin, klikom na slike otvara se pop-up prozor sa bližim prikazom slike, koji izgleda ovako:
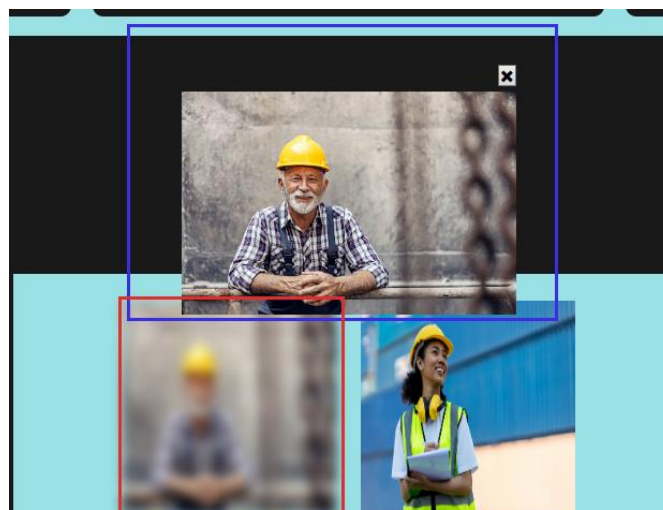
U ovom delu sajta se nalazi automatski kalkulator cena, kada neko unese meru po volji dobije vrednost nazad, ispisanu odmah ispod tekstualnog polja. Primer:

Cene su različite za staklo i ogledalo.

U ovom delu se nalazi forma koja se popunjava radi saradnje sa nama, korisnik unosi potrebne podatke, zeljenu uslugu, I kraću poruku ako ima želju da nešto bude posebno. Ispod forme se nalazi blok sa imenom i naglašavanjem copyright-a.

A ispod njega linkovi ka društvenim mrežama i fajlovi.

Ukoliko dodje do greške u formi ispisuju se crvenim okvirom i tekstom.Primer:

A ukoliko je sve dobro popunjeno forma se resetuje i korisniku se ispisuje tekst:
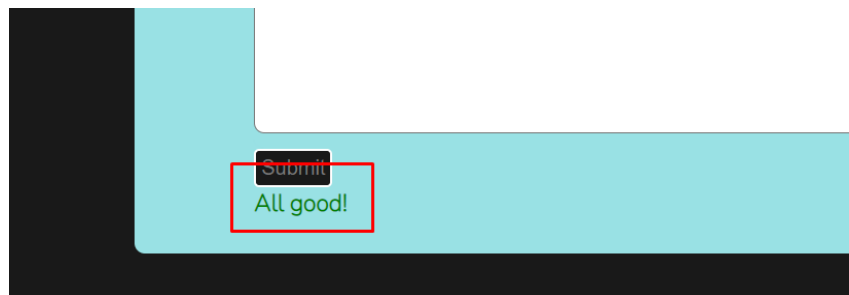
U tekst-boksu forme se takodje nalazi ispis preostalih karaktera, kada se dostigne maksimalan broj, ne može se više uneti ni jedan karakter.
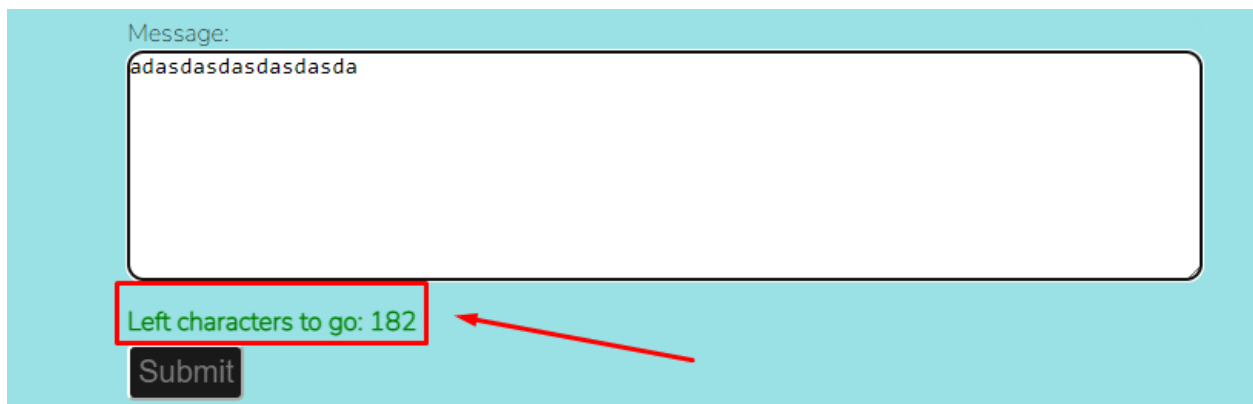
Takođe tu se nalazi i stranica o autoru:
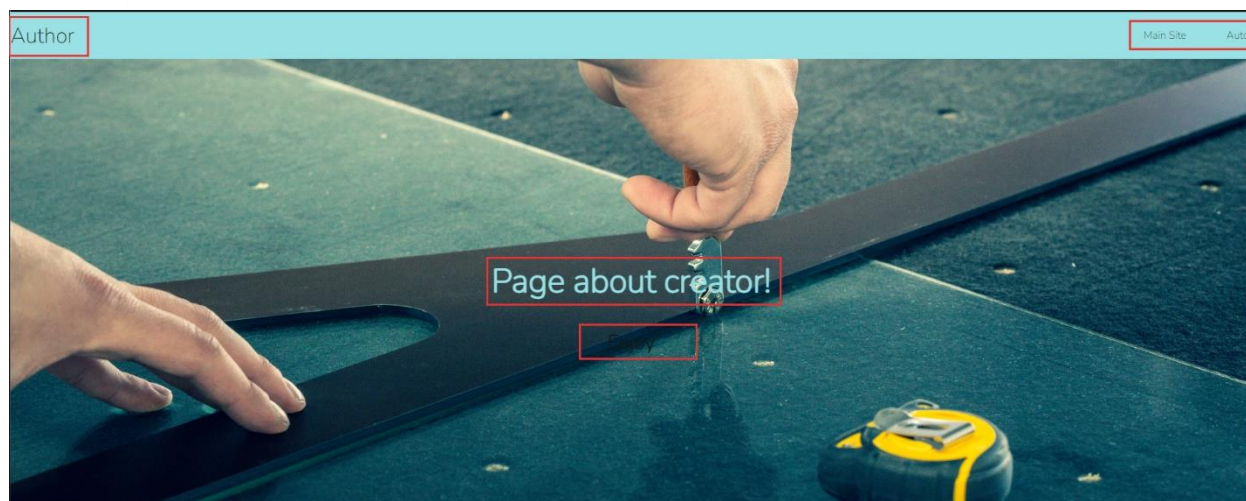
Imamo navigacioni meni sa linkom same stranice i linkom ka glavnoj stranici.
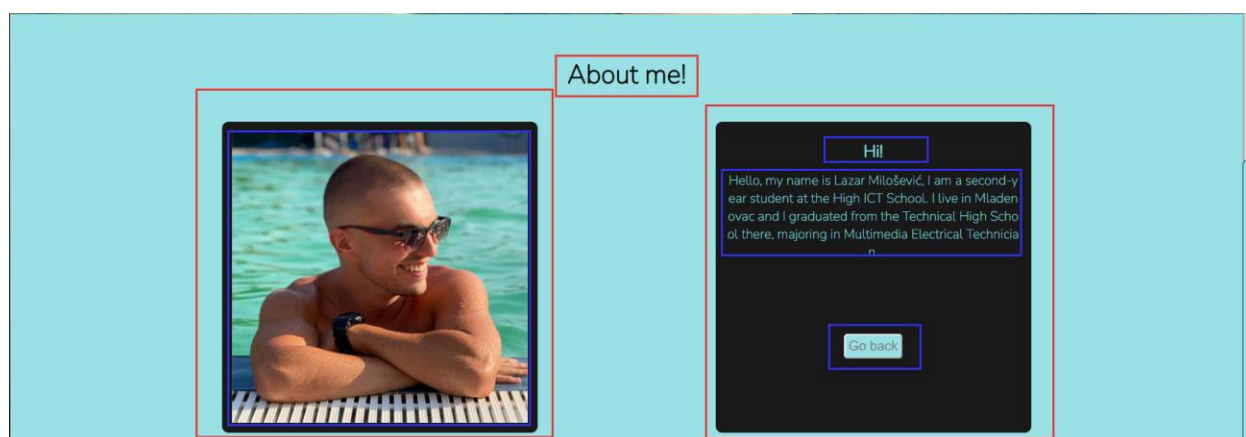
Blok sa slikom autora i blok sa tekstom o autoru, i takodje dugme koje vraća na početnu stranu.

3. Site Map stranice:

```xml
1  <urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
2      <url>
3          <loc>https://lazar146.github.io/portfolio/</loc>
4          <lastmod>2022-12-14</lastmod>
5          <changefreq>daily</changefreq>
6          <priority>1</priority>
7      </url>
8      <url>
9          <loc>https://lazar146.github.io/Termo-Pan/ja.html</loc>
10         <lastmod>2022-12-14</lastmod>
11         <changefreq>daily</changefreq>
12         <priority>2</priority>
13     </url>
14 </urlset>
```

4. Kod stranice

4.1   HTML kod index.html

```html
<html>
    <head>
        <title>Termo-Pan</title>
        <!--meta-->
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <meta name="author" content="Lazar Milosevic"/>
        <meta name="language" content="serbian"/>
        <meta name="copyright" content="company"/>
        <meta name="description" content="Termo-Pan"/>
        <meta name="keywords" content="glass, mirror"/>
        <!--Linkovi-->

        <link rel="icon" type="image/x-icon" href="img/tp.png">
        <link rel="stylesheet" type="text/css" href="style.css" />
        <link rel="stylesheet" type="text/css" href="responsive.css" />
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
        <link rel="preconnect" href="https://fonts.googleapis.com">
        <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
        <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
        <link href="https://fonts.googleapis.com/css2?family=Nunito:wght@200&display=swap" rel="stylesheet">
    </head>
```

```html
<body>

    <header>
        <div class="container">
            <nav class="navbar">
                <a href="#" class="nav-branding">Termo-Pan</a>
                <ul class="nav-menu">

                </ul>
                <div class="hamburger">
                    <span class="bar"></span>
                    <span class="bar"></span>
                    <span class="bar"></span>
                </div>
            </nav>
        </div>
    </header>


        <div id="pozadina">
            <h1>Welcome to our company!</h1>
            <h3>Enjoy</h3>
        </div>
    <a name="about"></a>
        <div id="about">
            <div class="centerblock">
                <h2>About our company</h2>
```

```html
<h2>About our company</h2>
<div id="zablokove">
    <div id="tekst">
        An img element represents an image.
        <img src="img/tp.png" alt="logo">

    </div>

    <div id="tekst">
        <div class="wrapper" id="wrapper">
            <p id="slid" class="">We are working with all types of glass since 1990.We are done too many projects through this 33 years of hard work, you will not regret work with
            <p id="slid" class="">Our workers are very experienced and ready to help any time you call us, no matter how big work is, we are always there to help</p>
            <p id="slid" class="">It seems to be little only two workers but we always have some people studyding a work with us, witch means that we have enough people to work</p
            <ul class="dots-wrap">
            <li class="dot"></li>
            <li class="dot"></li>
            <li class="dot"></li>
            </ul>
        </div>
    </div>
</div>
</div>
</div>
    <a name="servisi"></a>
<div id="servisi">
    <div class="centerblock">
        <h2 id="nasl">Our Services</h2>
    <div id="za3bloka">
        |
    </div>
</div>
</div>
</div>
```

```html
<div id="projekti">
    <h2>Our Workers</h2>
    <div class="centerblock">
        <div id="zapr">
            <div id="blokpr">
                <ul id="all-images">
                <li><img class="small-image" src="img/work1.jpg" alt="">Sam</li>

                 <li><img class="small-image" src="img/work3.jpg" alt="">Paula</li>


                </ul>

            </div>

            <div id="show_image_popup">
                <div class="close-btn-area">

                    <button class="fa fa-times" id="close-btn"></button>
                </div>
                <div id="image-show-area">
                    <img id="large-image" src="" alt="">
                </div>
            </div>

        </div>
    </div>
</div>
<a name="skills"></a>
    <div id="skills">
        <div class="centerblock">
            <h1>Check Price Here</h1>
            <div id="zaskilove">
                <div class="skilblokovi">
                    <h2>Price for Mirror</h2>
                    <label id="glassl" for="glass">Enter merits:</label>
                    <input type="text" id="glass">
                    <p class="sakrij kraj"></p>
                    <input type="button"  id="skldugme" value="Go">

                </div>
                <div class="skilblokovi">
                    <h2>Price for Glass</h2>
                    <label id="glassl" for="glass">Enter merits:</label>
                    <input type="text" id="mirror">
                    <p class="sakrij kraj"></p>
                    <input type="button"  id="skldugme1" value="Go">

                </div>
```

```html
                    </div>
                </div>
            </div>
        </div>
    <a name="contact"></a>

    <div id="contact">



        <div id="zaformu">

                <form  name="prijava" id="prijava">
                    <h2>Contact</h2>
                    <div class="forma">
                        <label>First name:</label></br>
                        <input type="text" id="ime" name="ime" placeholder="Name..">
                        <p class="sakrij greskap"></p>
                    </div>
                    <div class="forma">
                        <label>Last name:</label></br>
                        <input type="text" id="prezime" name="prezime" placeholder="Last name..">
                        <p class="sakrij greskap"></p>
                    </div>


                    <div class="forma">
                        <label>Email:</label></br>
                        <input type="email" id="mejl" name="mejl" placeholder="Email..">
                        <p class="sakrij greskap"></p>
                    </div>


                    <div class="forma">
                        <div id="dp">



                        </div>
                     <p class="greskap"></p>



                    </div>
```

```
            <div class="forma">
             <div>
                <div id="rad1">
                    <input  type="radio" name="Rb1" id="Stak" value="B"/>
                    <label  for="Stak">
                      Glass
                    </label>
                    </div>
                    <div id="rad1">

                    <input  type="radio" name="Rb1" id="Ogl" value="B"/>
                    <label  for="Ogl">
                      Mirror
                    </label>
                </div>

                </div>
                <p class="sakrij greskap"></p>
            </div>
</br>
            <div class="forma">
             <div>
                <div id="rad2">
                    <input  type="checkbox" value="WD" id="cck" name="chd"/>
                    <label  for="cck">
                      Delivery
                    </label>
                </div>



                <div id="rad2">
                    <input type="checkbox" value="WD" id="cck" name="chd"/>
                    <label for="cck">
                      Montage
                    </label>
                </div>



                <div id="rad2">
                    <input type="checkbox" value="WD" id="cck" name="chd"/>
                    <label for="cck">
                    Maintenance
                    </label>
                </div>
```

```html
                        </div>
                        <p class="sakrij greskap"></p>
                    </div>

                </br>
                    <div class="forma">
                        <label>Message:</label></br>
                        <textarea id="pisi" name="pisi" placeholder="Your message.."></textarea>
                        <p class="sakrij greskap"></p>
                        <p id="brojkar" class="kraj1"></p>
                    </div>

                        <input type="button" id="dugme" value="Submit">
                        <p class="sakrij kraj"></p>
                    </div>
                </form>
            </div>


        </div>
    </div>
    <footer>
        <div class="centerblock">
            <h4>Copyright &copy; 2022 All rights reserved | <span id="bold">Lazar Milošević</span></h4>
        <div id="mreze">
            <a href="www.facebook.com"><i class="fa fa-facebook"></i></a>
            <a href="www.instagram.com"><i class="fa fa-instagram"></i></a>
            <a href="www.twitter.com"><i class="fa fa-twitter"></i></a>
        </div>
        <div id="linkovi">
            <a href="style.css">CSS</a>
            <a href="responsive.css">RENSPONSIVE</a>
            <a href="main.js">JS</a>
            <a href="mainautor.js">JS2</a>
            <a href="mainautor.js">DOCUMENTATION</a>

        </div>
        </div>
    </footer>
    <script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script src="https://unpkg.com/jq-bgslider"></script>
        <script type="text/javascript" src="main.js"></script>
    </body>
</html>
```

4.2 HTML kod ja.html(autor)

```html
<html>
    <head>
        <title>Termo-Pan</title>
        <!--meta-->
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <meta name="author" content="Lazar Milosevic"/>
        <meta name="language" content="serbian"/>
        <meta name="copyright" content="About"/>
        <meta name="description" content="Lazar Milosevic Author"/>
        <meta name="keywords" content="name,last name"/>
        <!--linkovi-->
        <link rel="icon" type="image/x-icon" href="img/tp.png">
        <link rel="stylesheet" type="text/css" href="style.css" />
        <link rel="stylesheet" type="text/css" href="responsive.css" />
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
        <link rel="preconnect" href="https://fonts.googleapis.com">
        <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
        <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
        <link href="https://fonts.googleapis.com/css2?family=Nunito:wght@200&display=swap" rel="stylesheet">
    </head>
    <body>
        <header>
            <div class="container">
                <nav class="navbar">
                    <a href="#" class="nav-branding">Author</a>
                    <ul class="nav-menu">
                        <li class="nav-item"><a class="nav-link" href="index.html">Main Site</a></li>
                    </ul>
                </nav>
            </div>
        </header>

            <div id="pozadina">
                <h1>Page about creator!</h1>
                <h3>Enjoy</h3>
            </div>
            <div id="servisi">
                <div class="centerblock">
                    <h2 id="nas1">About me!</h2>
                <div id="za3bloka">
                    <div class="sblok1">
                        <img src="ja.jpg" alt="">
                    </div>
                    <div class="sblok">

                        <h3>Hi!</h3>

                        <p>Hello, my name is Lazar Milošević, I am a second-year student at the High ICT School. I live in Mladenovac and I graduated from the Technical High School there, majoring in Multimedia Electrical Technician. </p>
                        <br><br><br><br><br>
                        <a href="https://lazar146.github.io/Termo-Pan/"><input type="button" id="skldugme"value="Go back" ></a>
                    </div>

                </div>
            </div>
```

```html
        <footer>
            <div class="centerblock">
                <h4>Copyright &copy; 2022 All rights reserved | <span id="bold">Lazar Milošević</span></h4>
            <div id="mreze">
                <a href="www.facebook.com"><i class="fa fa-facebook"></i></a>
                <a href="www.instagram.com"><i class="fa fa-instagram"></i></a>
                <a href="www.twitter.com"><i class="fa fa-twitter"></i></a>
            </div>
            <div id="linkovi">
                <a href="style.css">CSS</a>
                <a href="responsive.css">RENSPONSIVE</a>
                <a href="main.js">JS</a>
                <a href="mainautor.js">DOCUMENTATION</a>

            </div>
            </div>
        </footer>
    </body>
</html>
```

5. CSS Kod stranice

5.1 Style.css

```css
* {
  margin: 0px;
  padding: 0px;
}

html {
  scroll-behavior: smooth;
}

body::-webkit-scrollbar {
  width: 1em;
}

body::-webkit-scrollbar-thumb {
  background-color: #99e1e4;
  outline: 2px;
  border-radius: 10px;
  outline: 1px solid #191919;
}

body::-webkit-scrollbar-track {
  -webkit-box-shadow: inset 0 0 6px black;
          box-shadow: inset 0 0 6px black;
  background-color: white;
}

body {
  font-family: 'Nunito', sans-serif;
}
header{
  background-color: #99e1e4;
}
header li{
  list-style: none;
}
header a{
  color: #191919;
  text-decoration: none;
}
.centerblock {
  width: 80%;
  margin: 0px auto;
}
.navbar{
  min-height: 70px;
  display: flex;
  justify-content: space-between;
  align-items: center;
```

```css
.nav-branding{
  font-size: 2rem;
}
.nav-menu{
  display: flex;
  justify-content: space-between;
  align-items: center;
  gap: 60px;
}
.nav-link{
  transition: 0.3s ease-out;
}
.nav-link:hover{
  color: dodgerblue;
}
.hamburger{
  display: none;
  cursor: pointer;
}
.bar{
  display: block;
  width: 25px;
  height: 3px;
  margin: 5px auto;
  -webkit-transition: all 0.3s ease;
  transition: all 0.3s ease;
  background-color: white;
}



#pozadina {
  background-image: url(img/2.jpeg);
  background-repeat: no-repeat;
  height: 70%;
  text-align: center;
  background-attachment: fixed;
  background-position: center;
  background-size: cover;
  transition: all 0.5s;
}
```

```css
#pozadina h1 {
  padding: 16% 0 0 0%;
  color: #99e1e4;
  position: relative;
 font-size: 50px;
 font-weight: bold;
}
#pozadina h3 {
  padding: 2% 0 0 0%;
  color: #191919;
  position: relative;
 font-size: 30px;
}


#about {
  background-color: #191919;
  width: 100%;
  padding-bottom: 2%;
}

#about h2 {
  padding: 3%;
  font-size: 40px;
  color: #99e1e4;
  text-align: center;
  margin-left: -3%;
}

#about #zablokove {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
}

#about #zablokove #slika {
  width: 100%;
  margin-left: 10%;
  background-color: #99e1e4;
}
```

```css
#about #zablokove hr {
  border-color: □black;
  background-color: □black;
  width: 2px;
  margin-left: 1.8%;
}

#about #zablokove #tekst {
  width: 100%;
  padding: 3%;
  text-align: center;
  background-color: ■#99e1e4;
}
#about #zablokove #tekst1{
  width: inherit;
  margin-right: 20px;
  text-align: center;
  background-color: □#191919;
  border-radius: 10px;
}



#about #zablokove #tekst h3 {
  font-size: 30px;
  color: □black;
}

#about #zablokove #tekst p {
  font-size: 20px;
  font-weight: bold;
}

.wrapper {
  position:relative;
  transform:translateY(-50%);
  top:50%;
  margin: 0 auto;
  width:75%;
  overflow:hidden;
}

.wrapper p {
  position:absolute;
  left:100%;
  width:100%;
  font-size:2em;
  color:■#ffffff;
```

```css
    color: #ffffff;
    top:0;
    cursor:pointer;
    opacity:0;
    transition:left 1.4s, opacity .5s ease;
}
#slid{
    color: #191919;
}
.wrapper p.activeText {
    position:relative;
    left:0;
    opacity:1;
}

.wrapper p.slideLeft {
    left:-100%;
    opacity:0;
}

.wrapper p:before {
    content:"\201C";
    font-size: 3em;
    line-height: 0.1em;
    margin-right: 0.1em;
    vertical-align: -0.4em;
}

.wrapper p:after {
    content:"\201D";
    font-size: 3em;
    line-height: 0.1em;
    margin-left: 0.1em;
    vertical-align: -0.45em;
}

ul {
    margin:0;
    padding:0;
    text-align:center;
}

ul li {
    list-style:none;
}
.dot {
    width:10px;
    height:10px;
```

```css
  height:10px;
  border-radius:100px;
  background: #7f8c8d;
  display:inline-block;
  text-align:center;
  cursor:pointer;
}

.active {
  background: #ecf0f1;
}

#servisi {
  background-color: #99e1e4;
  width: 100%;
  padding: 1% 0%;
}

#servisi #nasl, #servisi #projekti h2, #projekti #servisi h2 {
  padding: 3%;
  font-size: 40px;
  color: black;
  text-align: center;
}

#servisi #za3bloka {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
}
.sblok1{
  padding: 1%;
  text-align: center;
  width: 30%;
  background-color: #191919;
  word-break: break-all;
  border-radius: 10px;
}
.sblok1 img{
width: 100%;
}
#servisi #za3bloka .sblok {
  padding: 1%;
  text-align: center;
  width: 30%;
  background-color: #191919;
```

```css
  background-color: #191919;
  word-break: break-all;
  border-radius: 10px;
}

#servisi #za3bloka .sblok h3 {
  font-size: 25px;
  margin: 13px 0;
  color: #99e1e4;
}

#servisi #za3bloka .sblok i{
  font-size: 40px;
  color: #99e1e4;
  }
  #servisi #za3bloka .sblok p{
  font-size: 20px;
  color: #99e1e4;
}




#projekti {
  background-color: #191919;
  width: 100%;
  padding: 3% 0;
}

#projekti h2 {
  padding: 3%;
  font-size: 40px;
  color: #99e1e4;
  text-align: center;
}




#projekti #zapr {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
}
```

```css
}
#projekti #zapr #blokpr {
  padding: 1%;
  text-align: center;
  width: 40%;
  background-color: #99e1e4;
  display: flex;
  justify-content: space-around;
}




#blokpr ul{
  margin: 0px;
  padding: 0px;
}
#blokpr ul li{
  display: inline-block;
  cursor: pointer;
  width: 200px;
  height: 200px;
  padding: 10px;
}
#blokpr ul li img{
  width: 100%;
  height: 100%;
}
#show_image_popup{
  width: 400px;
  height: 400px;

  box-sizing: border-box;
  padding: 5px;
  text-align: center;

  position: absolute;

  left: 50%;
  transform: translate(-50%, -50%);


  display: none;
}
#show_image_popup img{
```

```css
#show_image_popup img{
  max-width: 80%;
  height: auto;
}

#all-images .active{
  filter: blur(5px);
}
.close-btn-area{
  width: 90%;
  text-align: right;
  margin-bottom: 5px;

}
.close-btn-area button{
  cursor: pointer;
}




#skills {
  background-color: #99e1e4;
  width: 100%;
  padding: 1% 0%;
}

#skills h1 {
  padding: 3%;
  font-size: 25px;
  color: #191919;
  text-align: center;
}
.skilblokovi h2 {
  padding: 3%;
  font-size: 25px;
  color: #99e1e4;
  text-align: center;
}

#skills #zaskilove {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
}
```

```css
#skills #zaskilove .skilblokovi {
  width: 45%;
  background-color: #191919;
  padding: 1%;
  border-radius: 10px;
}
#glassl{
  font-size: 25px;
  color: #99e1e4;
}
#glass{
  font-size: 25px;
  margin: 5px;
  padding: 5px;
  width: 100%;
}
#mirror{
  font-size: 25px;
  margin: 5px;
  padding: 5px;
  width: 100%;

}
#skldugme{
  background-color: #99e1e4;
  color: #7c7c7c;
  -webkit-transition: 0.5s;
  transition: 0.5s;
  font-size: 20px;
  border-radius: 5px;
  border-color: white;
  padding: 5px;
}
#skldugme1{
  background-color: #99e1e4;
  color: #7c7c7c;
  -webkit-transition: 0.5s;
  transition: 0.5s;
  font-size: 20px;
  border-radius: 5px;
  border-color: white;
  padding: 5px;
}
#contact {
  background-color: #191919;
  width: 100%;
  padding: 1% 0%;
  display: flex;
```

```css
background-color: #191919;
  width: 100%;
  padding: 1% 0%;
  display: flex;
  justify-content: center;
}

#contact #zaformu h2 {
  width: 100%;
  font-size: 40px;
  color: #191919;
  text-align: center;
  margin: 0px;
}



#contact #zaformu {
  display: -webkit-box;
  display: -ms-flexbox;
  display: flex;
  -ms-flex-pack: distribute;
      justify-content: space-around;
  background-color: #99e1e4;
  width: 50%;
  border-radius: 10px;
}

#contact #zaformu .forma {
  width: 100%;
  background-color: #99e1e4;
  border-radius: 10px;
}

#contact #zaformu  form {

  width: 75%;
  height: -webkit-fit-content;
  height: -moz-fit-content;
  height: fit-content;
  margin: 10px auto;
  padding: 20px;
  background-clip: content-box;
  float: left;
}
#dp{
  width: 100%;
}
```

```css
  height: 30px;
}

.sakrij{
  display: none;

}
.greskap{
  color: red;
  margin-bottom: 3px;
  font-weight: bold;
}
.greska{
  border: 2px solid #ff0000;
}
.kraj{
  color: green;
  margin-bottom: 3px;
  font-weight: bold;
  font-size: 23px;
}
.kraj1{
  color: green;
  margin-bottom: 3px;
  font-weight: bold;
  font-size: 17px;
}


#contact #zaformu .forma form label {
  color: #191919;
}

#contact #zaformu .forma form ::-webkit-input-placeholder {
  color: #191919;
}

#contact #zaformu .forma form :-ms-input-placeholder {
  color: #191919;
}

#contact #zaformu .forma form ::-ms-input-placeholder {
  color: #191919;
}

#contact #zaformu .forma form ::placeholder {
  color: #191919;
}
```

```css
#contact #zaformu .forma form ::placeholder {
  color: ☐#191919;
}

#contact #zaformu .forma #ime {
  width: 100%;
  height: 30px;
  margin-bottom: 5px;
  background-color: ■white;
  border-radius: 10px;
}

#contact #zaformu .forma #prezime {
  width: 100%;
  height: 30px;
  margin-bottom: 5px;
  background-color: ■white;
  border-radius: 10px;
}

#contact #zaformu .forma #mejl {
  width: 100%;
  height: 30px;
  margin-bottom: 5px;
  background-color: ■white;
  border-radius: 10px;
}

#contact #zaformu .forma #pisi {
  width: 100%;
  height: 150px;
  margin-bottom: 19px;
  resize: vertical;
  font-size: 15px;
  margin-bottom: 15px;
  background-color: ■white;
  border-radius: 10px;
}

#contact #zaformu .forma form label {
  font-size: 29px;

}

#contact #zaformu #dugme {
  background-color: ☐#191919;
  color: ■#7c7c7c;
  -webkit-transition: 0.5s;
```

```css
#contact #zaformu #dugme {
  background-color: #191919;
  color: #7c7c7c;
  -webkit-transition: 0.5s;
  transition: 0.5s;
  font-size: 20px;
  border-radius: 5px;
  border-color: white;
  padding: 5px;
}

#contact #zaformu #dugme:hover {
  background-color: #98e45a 4, 87, 4;
  color: #98e45a;
  -webkit-transition: 0.5s;
  transition: 0.5s;
  border-color: #98e45a;
}


footer {
  text-align: center;
  background-color: #191919;
}

footer h4 {
  color: #99e1e4;
  font-size: 19px;
  padding: 2%;
}

footer #bold {
  font-weight: bolder;
  color: #7c7c7c;
}

footer #mreze i {
  font-size: 30px;
  color: #99e1e4;
  padding: 1.9%;
}


footer a {
  text-decoration: none;
  color: #7c7c7c;
  font-size: 17px;
```

5.2 Responsive.css

```css
@media screen and (max-width:1025px){
    header #nav ul li a {
        font-size: 20px;
    }
    #pozadina{
        height: 50%;
    }
    #projekti #zapr #blokpr {
        padding: 3%;
    }
    #projekti #zapr #blokpr2 {
        padding: 3%;
    }
    #contact #zaformu #forma #ime {
        width: 98%;
    }


      #contact #zaformu #forma #prezime {
        width: 98%;
    }
    #contact #zaformu #forma #mejl {
        width: 98%;
    }
    #contact #zaformu #forma #pisi {
        width: 98%;
    }
    #contact #zaformu #info {
        padding: 5px;
    }
}

@media(max-width:1024px){
    .hamburger{
      display: block;
    }
    .hamburger.active .bar:nth-child(2){
      opacity: 0;
    }
    .hamburger.active .bar:nth-child(1){
      transform: translateY(8px) rotate(45deg);
    }
    .hamburger.active .bar:nth-child(3){
      transform: translateY(-8px) rotate(-45deg);
    }
    .nav-menu{
      position: fixed;
      left: -100%;
      top: 70px;
      gap: 0;
```

```css
      gap: 0;
      flex-direction: column;
      background-color: #99e1e4;
      width: 100%;
      text-align: center;
      transition: 0.3s;
    }
  .nav-item{
      margin: 16px 0;
    }
  .nav-menu.active{
      left: 0;
      z-index: 1000;
    }
  }


@media screen and (max-width:880px){
    #about #zablokove #slika img {
        margin-left: 2%;
      }
      #servisi #za3bloka{
        display: flex;
        flex-wrap: wrap;
    }
    #servisi #za3bloka .sblok {
        width: 40%;
        margin: 3px
    }
    #servisi #za3bloka .sblok p {
      font-size: 13px;
    }
    #servisi #za3bloka .sblok h3 {
      font-size: 19px;
    }
}
@media screen and (max-width:770px){
    .centerblock{
        width: 90%;
    }
    header #nav ul li a {
        font-size: 18px;
    }
    #servisi #za3bloka .sblok{
        margin: 10px;
    }
    #pozadina{
```

```css
#pozadina{
    height: 40%;
}
#projekti #zapr #blokpr {
    padding: 3%;
}
#projekti #zapr #blokpr2 {
    padding: 3%;
}
#contact #zaformu .forma #ime {
    width: 95%;
}


  #contact #zaformu .forma #prezime {
    width: 95%;
  }
  #contact #zaformu .forma #mejl {
    width: 95%;
  }
  #contact #zaformu .forma #pisi {
    width: 95%;
  }
  #contact #zaformu #info {
      padding: 10px;
  }
  #contact #zaformu #info h3 {
    font-size: 25px;
  }
#contact #zaformu #info p {
    font-size: 20px;
}
#contact #zaformu #info #top{
    margin-top: 33%;
  }
}




@media screen and (max-width:730px){
    #about #zablokove {
        display: flex;
        flex-wrap: wrap;
    }
    #about #zablokove hr {
        width: 50%;
```

```
        width: 50%;
        margin-top: 10px;
    }
    #about #zablokove #slika img {
        width: 60%;
        margin-left: 80px;
    }
    #about #zablokove #tekst{
        width: 100%;
    }
    #about #zablokove #tekst h3{
        font-size: 20px;
    }
    #about #zablokove #tekst p {
        font-size: 15px;
    }


}
@media screen and (max-width:426px){
    .centerblock{
        width: 100%;
    }
    #about #zablokove {
        display: flex;
        flex-wrap: wrap;
    }

    #about #zablokove #slika img {
        width: 60%;
        margin-left: 80px;
    }
    #about #zablokove #tekst{
        width: 100%;
    }
    #about #zablokove #tekst h3{
        font-size: 20px;
    }
    #about #zablokove #tekst p {
        font-size: 15px;
    }
    #servisi #za3bloka{
        display: flex;
        flex-wrap: wrap;
    }
    #servisi #za3bloka .sblok {
        width: 40%;
        margin: 3px;
    }
```

```css
#servisi #za3bloka .sblok p {
  font-size: 13px;
}
#servisi #za3bloka .sblok h3 {
  font-size: 19px;
}
#projekti h3 {
    font-size: 20px;
}
#projekti h2 {
  font-size: 14px;
}
}
#servisi #nasl, #servisi #projekti h2, #projekti #servisi h2 {
    font-size: 20px;
}

#projekti #zapr{
  display: flex;
  flex-wrap: wrap;
}
#projekti #zapr #blokpr{
  width: 70%;
  margin-bottom: 30px;
}
#projekti #zapr #blokpr2{
  width: 70%;
  margin-bottom: 30px;
}
#contact hr {
  border-color: #98e45a;
  background-color: #98e45a;
  width: 50%;
}
#contact #zaformu{
    display: flex;
    flex-wrap: wrap;
}
#contact #zaformu #forma{
    margin: 10px;
    width: 100%;
}
#contact #zaformu #info{
  margin: 10px;
  width: 100%;
}
#contact #zaformu #info h3 {
    font-size: 20px;
}
```

```css
        }
        #contact #zaformu #info p {
            font-size: 15px;
        }
        #contact #zaformu #info #top{
            margin-top: 0%;
        }
        footer h4{
            font-size: 16px;
        }
}
@media screen and (max-width:426px){
        #servisi #za3bloka .sblok {
            width: 80%;
        }
        #contact #zaformu #forma form{
            padding-left: 15px;
            padding-right: 0px;
        }
        #pozadina{
            height: 23%;
        }
        #pozadina h1{
            font-size: 20px;
        }
        #contact #zaformu #forma form{
            padding-left: 15px;
        }
        #about h2{
            font-size: 20px;
        }
        #servisi h2{
            font-size: 20px
        }
        #skills h2{
            font-size: 20px
        }
        #contact #zaformu h2{
            font-size: 20px
        }
        #projekti h2{
            font-size: 20px
        }
        footer h4{
            font-size: 15px;
        }
}
@media screen and (max-width:376px){
```

```css
}
@media screen and (max-width:376px){
    #contact #zaformu #forma form{
        padding-left: 15px;
        padding-right: 0px;
    }
    #servisi #za3bloka .sblok i {
        font-size: 25px;
    }
    #contact #zaformu #forma form label {
        font-size: 20px;
    }
    footer h4{
        font-size: 12px;
    }
}
@media screen and (max-width:321px){

    #contact #zaformu #forma form{
        padding-left: 15px;
        padding-right: 0px;
    }
    #about #zablokove #slika img {
        margin-left: 60px;
    }
    #projekti #zapr #blokpr .tooltip .tooltiptext {
        margin-left: -20px;
    }
    #projekti #zapr #blokpr2 .tooltip .tooltiptext {
        margin-left: -20px;
    }
}
```

6. JavaScript kod

```javascript
var ddlNiz = new Array("Class A","Class B","Class C")
var dropdawn;

dropdawn = `<select id="ddl">`;
dropdawn+=`<option value=0>Choose class:</option>`
var broj=1;
for(let i=0;i<ddlNiz.length;i++){

  dropdawn+=`<option value=${broj++}>${ddlNiz[i]}</option>"`
}
dropdawn+=`</select>`

document.querySelector("#dp").innerHTML = dropdawn;


var Greska = 0;

    let klik = document.querySelector("#dugme");
    klik.addEventListener("click", forma);

    function forma(){
      var provIme,provPrezime,provEmail,provDdl,provRad,provCh,provText;

    provIme = document.querySelector("#Ime");
    provPrezime = document.querySelector("#prezime");
    provEmail = document.querySelector("#mejl");
    provDdl = document.querySelector("#ddl");
    provRad = document.getElementsByName("Rb1");
    provCh = document.getElementsByName("chd");
    provText = document.querySelector("#pisi");

    regZaIme = /^[A-ZŠĐŽĆČ][a-zšđžćč]{2,15}(\s[A-ZŠĐŽĆČ][a-zšđžćč]{2,15})?$/;
    regPrezime = /^[A-ZŠĐŽĆČ][a-zšđžćč]{1,20}(\s[A-ZŠĐŽĆČ][a-zšđžćč]{1,20})?$/;
    regEmail = /^[a-z](([a-z])?([0-9])?){1,13}@(gmail|hotmail)\.com$/;

    if(!regZaIme.test(provIme.value)){
      provIme.nextElementSibling.classList.remove("sakrij");
      provIme.nextElementSibling.innerHTML = "The name is wrong. Example: Michael";
      provIme.classList.add("greska");
      Greska5=true;
    }
    else{
      provIme.nextElementSibling.classList.add("sakrij");
      provIme.nextElementSibling.innerHTML = "";
      provIme.classList.remove("greska");
      Greska5=false;
    }
```

```javascript
if(!regZaIme.test(provPrezime.value)){
  provPrezime.nextElementSibling.classList.remove("sakrij");
  provPrezime.nextElementSibling.innerHTML = "The last name is wrong. Example: Dee Santa";
  provPrezime.classList.add("greska");
  Greska6=true;
  ...
}
else{
  provPrezime.nextElementSibling.classList.add("sakrij");
  provPrezime.nextElementSibling.innerHTML = "";
  provPrezime.classList.remove("greska");
  Greska6=false;
  ...
}


if(!regEmail.test(provEmail.value)){
  provEmail.nextElementSibling.classList.remove("sakrij");
  provEmail.nextElementSibling.innerHTML = "The email is wrong. Example: example@gmail.com";
  provEmail.classList.add("greska");
  Greska7=true;;
}
else{
  provEmail.nextElementSibling.classList.add("sakrij");
  provEmail.nextElementSibling.innerHTML = "";
  provEmail.classList.remove("greska");
  Greska7=false;
}

let ddlVrednost = provDdl.options[provDdl.selectedIndex].value;

console.log(ddlVrednost)
if(ddlVrednost == "0"){
  provDdl.parentElement.nextElementSibling.classList.remove("sakrij");
  provDdl.parentElement.nextElementSibling.innerHTML = "You need to choose a class";
  provDdl.classList.add("greska");
  Greska8=true;
}
else{
  provDdl.parentElement.nextElementSibling.classList.add("sakrij");
  provDdl.parentElement.nextElementSibling.classList.innerHTML = "";
  provDdl.classList.remove("greska");
  Greska8=false;
}

let usluga = "";
for(let i = 0; i < provRad.length; i++){
    if(provRad[i].checked){
        usluga = provRad[i].value;
        break;
```

```
            break;
        }
    }


    let ch = "";
    for(let i = 0; i < provCh.length; i++){
        if(provCh[i].checked){
            ch += provCh[i].value + " ";
        }
    }
    var greska1,greska2,greska3,greska4,greska5,greska6,greksa7,greska8
    if(ddlVrednost == "0"){
        provDdl.parentElement.nextElementSibling.classList.remove("sakrij");
        provDdl.parentElement.nextElementSibling.innerHTML = "You need to choose a class";
        provDdl.classList.add("greska");
        Greska1=true;
    }
    else{
        provDdl.parentElement.nextElementSibling.classList.add("sakrij");
        provDdl.parentElement.nextElementSibling.classList.innerHTML = "";
        provDdl.classList.remove("greska");
        Greska1=false;
    }

    if(usluga == ""){
        provRad[0].parentElement.parentElement.nextElementSibling.classList.remove("sakrij");
        provRad[0].parentElement.parentElement.nextElementSibling.innerHTML = "You need to check one";
        provRad[0].parentElement.parentElement.classList.add("greska");
        Greska2=true;
    }
    else{
        provRad[0].parentElement.parentElement.nextElementSibling.classList.add("sakrij");
        provRad[0].parentElement.parentElement.nextElementSibling.classList.innerHTML = "";
        provRad[0].parentElement.parentElement.classList.remove("greska");
        Greska2=false;
    }

    if(ch == ""){
        provCh[0].parentElement.parentElement.nextElementSibling.classList.remove("sakrij");
        provCh[0].parentElement.parentElement.nextElementSibling.innerHTML = "You need to check one";
        provCh[0].parentElement.parentElement.classList.add("greska");
        Greska3=true;
    }
    else{
        provCh[0].parentElement.parentElement.nextElementSibling.classList.add("sakrij");
        provCh[0].parentElement.parentElement.nextElementSibling.classList.innerHTML = "";
        provCh[0].parentElement.parentElement.classList.remove("greska");
```

```javascript
        provCh[0].parentElement.parentElement.nextElementSibling.classList.add("sakrij");
        provCh[0].parentElement.parentElement.nextElementSibling.classList.innerHTML = "";
        provCh[0].parentElement.parentElement.classList.remove("greska");
        Greska3=false;
      }
       if(provText.value.length <25){
         provText.nextElementSibling.classList.remove("sakrij");
         provText.nextElementSibling.innerHTML = "You need atleast 25 characters to enter";
         provText.classList.add("greska");
         Greska4=true;
      }
      else{
         provText.nextElementSibling.classList.add("sakrij");
         provText.nextElementSibling.innerHTML = "";
         provText.classList.remove("greska");
         Greska4=false;
      }
       console.log(Greska)
       if(Greska1 == false && Greska2 == false && Greska3 == false && Greska4 == false && Greska5 == false && Greska6 == false && Greska7 == false && Greska8 == false ){

         document.querySelector("#dugme").nextElementSibling.classList.remove("sakrij");
         document.querySelector("#dugme").nextElementSibling.innerHTML = "All good!";
         document.querySelector("#dugme").classList.add("greska");
         document.querySelector("#prijava").reset()
      }
      else{

         document.querySelector("#dugme").nextElementSibling.classList.add("sakrij");
         document.querySelector("#dugme").nextElementSibling.innerHTML = "";
      }

}
document.querySelector("#pisi").addEventListener("keyup",function(){

  var vrednostp=document.querySelector("#pisi");
  var brojkaraktera=vrednostp.value;
  var sadduzinaje = brojkaraktera.length;

  console.log(brojkaraktera);


  if(sadduzinaje<=200){

     var smanji=200-sadduzinaje;
     document.querySelector("#brojkar").innerHTML = "Left characters to go:"+" "+smanji;
  }
  else{
     vrednostp.value= brojkaraktera.substring(0,200);
```

```
    vrednostp.value= brojkaraktera.substring(0,200);


  }
});

    //nav


    var ispisNav = "";
    var nizNav = new Array("About Company","Services","Prices","Workers","Contact","Autor");
    var nizNavHref = new Array("#about","#servisi","#skills","#projekti","#contact","ja.html");

    for(let i=0;i<nizNav.length;i++){
      ispisNav+= `<li class="nav-item"><a class="nav-link" href=${nizNavHref[i]}>${nizNav[i]}</a></li>`
    }


    document.querySelector(".nav-menu").innerHTML = ispisNav;

    var hamburger = document.querySelector(".hamburger");
    var navMenu = document.querySelector(".nav-menu");

    hamburger.addEventListener("click", () => {
      hamburger.classList.toggle("active");
      navMenu.classList.toggle("active");
    })

    document.querySelectorAll(".nav-link").forEach(n => n.addEventListener("click", () => {
      hamburger.classList.remove("active");
      navMenu.classList.remove("active");
    }))

    window.addEventListener("scroll", () => {
      hamburger.classList.remove("active");
      navMenu.classList.remove("active");
    })


var rotate = false;
function setbackground(){
  window.setTimeout( "setbackground()", 5000);
  newImage = rotate ? 'url(img/7.jpeg)' : 'url(img/2.jpeg)';
  rotate = !rotate;
  document.getElementById('pozadina').style.backgroundImage = newImage;
}
setbackground();

var commentSlider = {
```

```javascript
var commentSlider = {

  'config' : {
    'container' : $('#wrapper')
  },

  'init' : function(config) {
      if(config && typeof(config) == 'object') {
        $.extend(commentSlider.config, config);
      }


      commentSlider.$container = commentSlider.config.container;


      commentSlider.$paragraphs = commentSlider.$container.
        find('p');


      commentSlider.$dots = commentSlider.$container.
        find('ul.dots-wrap > li');


      commentSlider.$firstDot = commentSlider.$container.
        find('ul.dots-wrap > li:first-child');

      commentSlider.$firstParagraph = commentSlider.$container.
        find('p:first-child');


      commentSlider.$firstDot.addClass('active');


      commentSlider.$firstParagraph.addClass('activeText');

      commentSlider.currentItem(commentSlider.$paragraphs, commentSlider.$dots);
      commentSlider.setActiveDot(commentSlider.$dots);
      commentSlider.timer();
  },


  'timer' : function() {
    setInterval(function(){

    }, 5000);
  },
```

```javascript
'dotNumber' : function($dot) {
  var dotClassArray = [];
  var dotClassList = dotClassArray.push($dot.attr('class'));
  var splitArray = dotClassArray.toString().split(' ');

  for(i = 0; i < splitArray.length; i++) {
    if (splitArray[i] === "dot") {
      splitArray.splice(i, 1);
      var dotClickedNumber = splitArray[i];
      commentSlider.paragraphNumber(dotClickedNumber, commentSlider.$paragraphs);
    }
  }
},

'paragraphNumber' : function(dotClickedNumber, $paragraphs) {
  $paragraphs.each(function() {
    var $paragraph = $(this);
    var paragraphClass = $paragraph.attr('class');

    if(paragraphClass === dotClickedNumber) {
      $paragraph.addClass('activeText');
      $paragraph.siblings().removeClass('activeText').addClass('slideLeft');
      setTimeout(function () {
        $paragraph.siblings().removeClass('slideLeft');
      }, 400);
    }
  });
},

'currentItem' : function($paragraphs, $dots) {
  $paragraphs.each(function(i) {
    var $paragraph = $(this);
    $paragraph.addClass([] + i);
  });

  $dots.each(function(i) {
    var $dot = $(this);
    $dot.addClass([] + i);
  });
},

'setActiveDot' : function($dots) {
  $dots.each( function() {
    var $dot = $(this);
    $dot.on('click', function() {
```

```javascript
      $dot.on('click', function() {
        if($dot.hasClass('active')) {
          return false;
        } else {
          $dot.addClass('active');
          $dot.siblings().removeClass('active');
        }
        commentSlider.dotNumber($dot);
      });
    });
  }
};


$(document).ready(commentSlider.init);



$( document ).ready(function(){
  $("#close-btn").click(function(){

    $(".small-image").removeClass('active');
    $("#show_image_popup").slideUp();
  })

 $(".small-image").click(function(){

    $(".small-image").removeClass('active');

    $(this).addClass('active');

    var image_path = $(this).attr('src');
    $("#show_image_popup").fadeOut();

    $("#show_image_popup").fadeIn();
    $("#large-image").attr('src',image_path);

  })

})



document.querySelector("#skldugme").addEventListener("click",function(){
  var konacna;
  var mZaStaklo;
  mZaStaklo = document.getElementById("glass").value  ;
```

```javascript
    var mZaStaklo;
    mZaStaklo = document.getElementById("glass").value  ;
    konacna = mZaStaklo*250 + "$";


    document.getElementById("glass").nextElementSibling.innerHTML = konacna;
    document.getElementById("glass").nextElementSibling.classList.remove("sakrij");
    console.log(konacna)
    console.log(mZaStaklo)



});




var ogledalo = document.querySelector("#skldugme1").addEventListener("click",function(){
    var konacna;

    mZaOgledalo = document.getElementById("mirror").value  ;
    konacna = mZaOgledalo*300+ "$";


    document.getElementById("mirror").nextElementSibling.innerHTML = konacna;
    document.getElementById("mirror").nextElementSibling.classList.remove("sakrij");

});



function izracunajOgledalo(){
    var konacna;
    konacna = 2;


}
```

```javascript
var ispisSBlock = "";
    var nizSBlokClass = new Array("sblok","sblok","sblok");
    var nizSBlokiClass = new Array("fa fa-window-restore","fa fa-window-maximize","fa fa-glass");
    var nizSBlokh3 = new Array("Window insertion","Mirrors","Glass Objects");
    var nizSBlokp = new Array(
"One of ours services is inserting windows in yours house or any places you like to be, it can be custom windows or default windows we default have.",
"We have 33 years of experience in the glass industry! Our mission is to provide you with high quality glass products, unparalleled service, and workmanship!",
"These are commonly found on walls, floors, and even home decorations. Similarly, some artists have used it to adorn tableware or pottery with intricate designs."
    );

    for(Let i=0;i<nizSBlokp.length;i++){
      ispisSBlock+= `<div class="${nizSBlokClass[i]}">
                <i class="${nizSBlokiClass[i]}"></i>
                <h3>${nizSBlokh3[i]}</h3>
                <p>${nizSBlokp[i]}</p>
                </div>`
    }


    document.querySelector("#za3bloka").innerHTML = ispisSBlock;
```