Visoka škola strukovnih studija za informacione i komunikacione tehnologije

DOKUMENTACIJA

https://sneakershop1.netlify.app/index.html

Web Programiranje 2

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 2

Sadržaj

Uvod

1.1. Korišćeni programski jezici
- HTML
- CSS3
- Bootstrap
- JavaScript
- JSON
- JQuery
- Photoshop
- Visual Studio Code

1.2. Opis funkcionalnosti

- Dinamičko učitavanje sadržaja iz json fajlova.
- Meni je prilagođen za sve vrste uređaja tako da se na manjim ekranima prikazuje „hamburger" i klikom na njega se otvara meni.
- Klikom na 'Add to Cart' dugme vrši se dodavanje proizvoda u korpu odnosno upisivanje u localStorage. Vrši se provera da li je odabrani proizvod već odabran, ako je jeste onda se ne dodaje u narudžbinu, već se količina proizvoda povećava na stranici cart.html.
- Na strani cart.html učitavanje proizvoda iz localStorage-a i proizvodi se upisuju u tabelu.
- Sajt je prilagođen svim uređajima.
- Validacija kontakt forme regularnim izrazima.

1.3 Template

- Za izradu sajta nije korišćen nijedan gotov template, sav kod je isključivo moj.

2. Organizacija

2.1. Organizaciona šema

- Sa svake stranice može se pristupiti svakoj stranici.

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="utf-8"?>
<urlset xmnls="https://www.sitemaps.org/schemas/sitemap/0.9/">
    <url>
        <loc>https://sneakershop1.netlify.app/index.html</loc>
        <lastmod>2021-03-03</lastmod>
        <changefreq>weekly</changefreq>
        <priority>0.8</priority>
    </url>
    <url>
        <loc>https://sneakershop1.netlify.app/store.html</loc>
        <lastmod>2021-03-03</lastmod>
        <changefreq>daily</changefreq>
        <priority>0.9</priority>
    </url>
    <url>
        <loc>https://sneakershop1.netlify.app/contact.html</loc>
        <lastmod>2021-03-03</lastmod>
        <changefreq>monthly</changefreq>
        <priority>0.6</priority>
    </url>
    <url>
        <loc>https://sneakershop1.netlify.app/author.html</loc>
        <lastmod>2021-03-03</lastmod>
        <changefreq>monthly</changefreq>
```
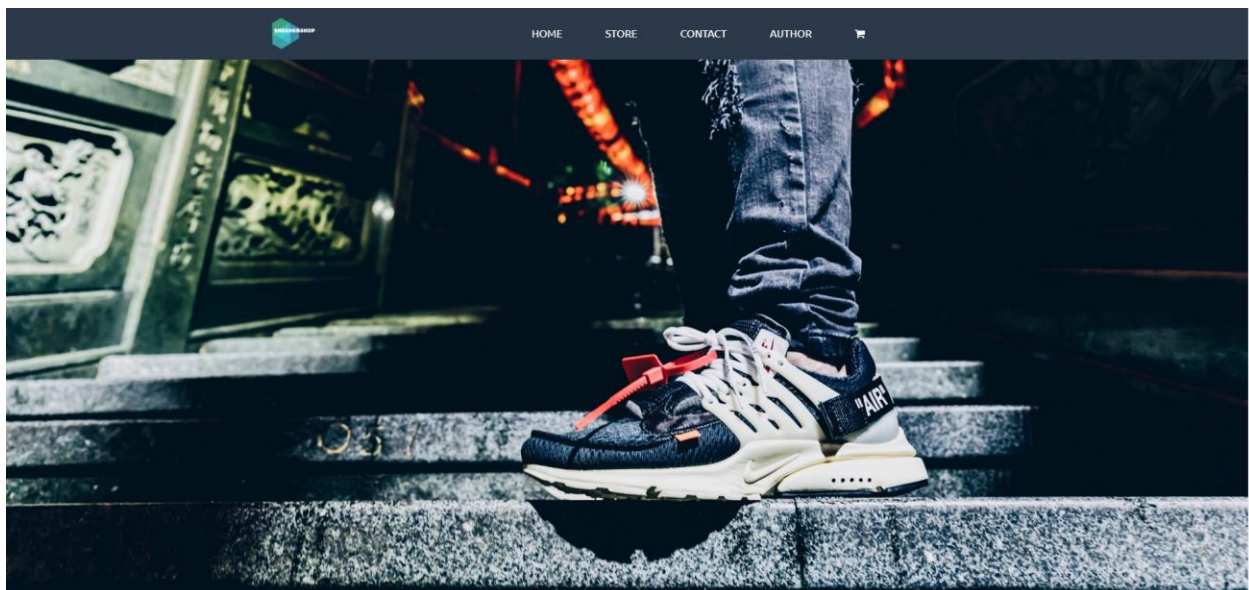
```
        <priority>0.7</priority>
    </url>
    <url>
        <loc>https://sneakershop1.netlify.app/cart.html</loc>
        <lastmod>2021-03-03</lastmod>
        <changefreq>daily</changefreq>
        <priority>0.9</priority>
    </url>
</urlset>
```

2.3 Slike stranica i opisi funkcionalnosti

Index.html

- Na index stranici se dinamički učitava meni, dohvataju se podaci ajaxom.

- Brendovi se dinamički ispisuju I dohvataju se ajaxom takođe.
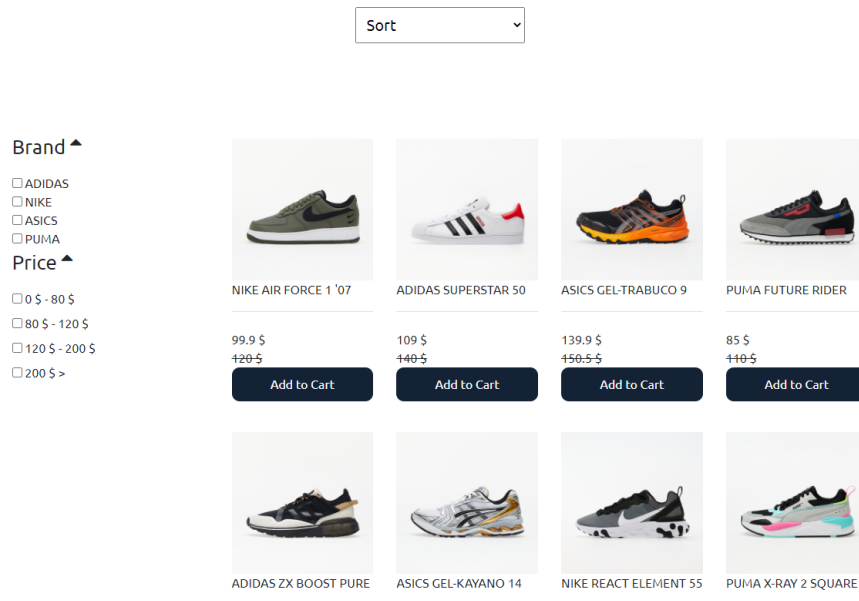
Store.html

- Na stranici store.html dinamički se ispisuju proizvodi koji se dohvataju ajaxom.
- Sa strane se nalaze opcije za sortiranje.
- Na vrhu postoji takođe sortiranje po ceni i nazivu.
- Filtrirani proizvodi se čuvaju u localstorage I potom ispisuju u odnosu na kriterijum sortiranja.
- Klikom na dugme 'Add To Cart' proizvod se smešta u localstorage gde se kasnije na stranici cart.html ispisuje.
- Ukoliko je proizvod već u korpi, onda se samo količina povećava.

Contact.html

MESSAGE

Your first name...

Your last name...   Your message...

Your email...

                                      SEND MESSAGE

Your phone...
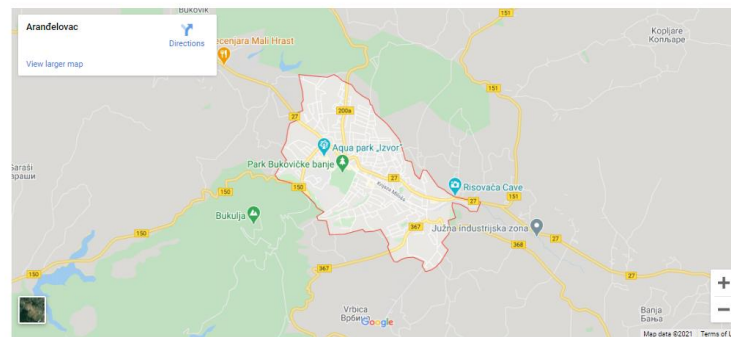
- Na ovoj stranici se prikazuje forma za slanje poruke. Validacija je urađena u javascriptu.
- Ukoliko su svi podaci validni, ispisuje se poruka o uspešnoj poslatoj poruci I ta poruka se čuva u localstorage sa svim podacima.

Author.html

- Na ovoj stranici se nalaze samo podaci o autoru.

Cart.html

Your cart is empty

- Na cart.html ukoliko nijedan proizvod nije dodat u korpu prikazuje se slika iznad.

Product Name	Image	Price	Quantity	Sum	Remove
NIKE AIR FORCE 1 '07		$99.9	5	499.50$	Remove
ADIDAS SUPERSTAR 50		$109	1	109.00$	Remove
NIKE AIR MAX TRIAX		$110	1	110.00$	Remove

Total Sum:718.50$ Purchase Remove All

- Ukoliko su dodati proizvodi u korpu, oni se čitaju iz localstorage-a i ispisuju sa svim podacima.
- Moguće je povećati količinu proizvoda,ukoliko korisnik unese manju vrednost od 1, vrednost će se inicijalno vratiti na početnu vrednost tj. 1.
- U zavisnosti od količine i cene ispisuje se i ukupna cena za taj proizvod kao i ukupna cena svih proizvda u korpi.
- Klikom na dugme 'Remove All' čisti se localstorage za proizvode u korpi i prikazuje se prazna korpa.
- Klikom na dugme 'Remove' briše se određeni proizvod iz localstorage kao i iz korpe.

3.Kodovi

3.1 index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="nike,adidas,sneakers,best,buy now" />
  <meta name="description" content="This is best place to find your dream sneakers. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
  <title>SneakerShop</title>
</head>
<body>
```

```html
<!--menu-->
<div class="container-xl-lg" id="hed">
  <div class="container">
    <div class="row">
        <div class="col-2 logo">
          <a href="#"> <img src="assets/img/logo.png" alt="Logo"/></a>
        </div>
        <div class="col-8" id="navigacija">
          <ul id="nav" class="row navisp justify-content-end">
          </ul>
        </div>
        <div class="text-center hamb col-9">
          <i class="fa fa-bars"></i>
        </div>
        <div class=" text-center nav1 col-12">
          <ul class="navisp justify-content-center meniResp nav">
          </ul>
        </div>
    </div>
  </div>
</div>
 <!--banner-->
<div class="container-xl-lg" id="banner">
  <img src="assets/img/banner.jpg" class="img-fluid bg-dark" />
</div>
 <!--content-->
 <button class="up">
  <i class="fa fa-chevron-up"></i>
</button>
<div class="container-xl-lg p-5">
  <div class="container">
    <div>

      <h1 class="tekstnaslov">Best place to buy new sneakers</h1>
    </div>
    <div class="row ">
      <div class="col-xl-4 col-md-12">
          <div id="pic">
          </div>
          <div>
            <h2 class="tekstnaslov">
              ASICS GEL-KAYANO 14
            </h2>
            <p class="tekst"><a href="store.html" >Buy now</a></p>
          </div>
```

```html
            </div>
        <div class="col-xl-4 col-md-12">
          <div id="pic1">
          </div>
          <div>
              <h2 class="tekstnaslov">
                PUMA MIRAGE MOX
              </h2>
              <p class="tekst"><a href="store.html" >Buy now</a></p>
          </div>
        </div>
        <div class="col-xl-4 col-md-12">
          <div id="pic2">
          </div>
          <div>
              <h2 class="tekstnaslov">
                NIKE AIR MAX
              </h2>
              <p class="tekst"><a href="store.html" >Buy now</a></p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
<!-- content 2 -->
<div id="marke">

</div>
<!--futer-->
<footer class="bg-dark text-white text-center text-lg-start">
   <div class="container p-4">
       <div class="row">
           <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
           <h5 class="text-uppercase">Description</h5>
           <p>
               We strive to be as accurate as possible in product descriptions,
image displays,
               and pricing itself, but we cannot guarantee that all information
is complete and error-free.
               All items displayed on the site are part of our offer and do not
imply that they are available at all times.
           </p>
           </div>
           <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
           <h5 class="text-uppercase">Opening Hours</h5>
```

```html
            <ul class="list-unstyled mb-0">
                <li>
                <p class="text-white">Tuesday : Closed</p>
                </li>
                <li>
                <p class="text-white">Wen-Fri : 10 - 00</p>
                </li>
                <li>
                <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                </li>
            </ul>
          </div>
          <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase mb-0">Contact Us</h5>
            <ul class="list-unstyled">
                <li class="p-2 social">
                <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                </li>
            </ul>
          </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
      © 2021 Copyright: Aleksandar Arsić   <a href="sitemap.xml" target="_blank">
  <i class="fa fa-
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
```

```
</html>
```

3.2 store.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="buy,nike,puma,adidas,asics,sneakers,price" />
  <meta name="description" content="This is best place to find your dream sneaker
s. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/
css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="an
onymous">
  <title>SneakerShop | Store</title>
</head>
<body>
  <!--menu-->
  <div class="container-xl-lg" id="hed">
    <div class="container">
      <div class="row">
          <div class="col-2 logo">
            <a href="#"> <img src="assets/img/logo.png" alt="Logo"/></a>
          </div>
          <div class="col-8" id="navigacija">
            <ul id="nav" class="row navisp justify-content-end">
            </ul>
          </div>
          <div class="text-center hamb col-9">
            <i class="fa fa-bars"></i>
          </div>
          <div class=" text-center nav1 col-12">
            <ul class="navisp justify-content-center meniResp nav">
            </ul>
        </div>
```

```html
        </div>
      </div>
  </div>
   <!--content-->
<div class="container p-5">
    <div class="row centriranje">
        <div class="ml-3 col-lg-12 col-12 pt-2 mx-auto">
            <form>
                <select id="sortiranje">
                    <option value="0">Sort</option>
                    <option value="desc">High to low price</option>
                    <option value="asc">Low to high price</option>
                    <option value="descbyName">Sort by name</option>
                </select>
            </form>
        </div>
        <div class="col-lg-5 col-6 d-lg-none okvir mx-auto">
            <p class="vidljiv responsFilter prikazFiltera m-
0">Filters <i class="fa fa-sort-down"></i></p>
            <div class="nevidljiv col-12">
                <div class="col-12">
                    <p class="responsFilter vidljiv prikazFiltera">Brand  <i cla
ss="fa fa-sort-down"></i></p>
                    <div class="nevidljiv">
                        <form class="markaDva">
                        </form>
                    </div>
                </div>
                <div class="col-12">
                    <p class="responsFilter vidljiv prikazFiltera">Price  <i cla
ss="fa fa-sort-down"></i></p>
                    <div class="nevidljiv">
                        <form>
                            <input type="checkbox" data-min="0" data-
max="80" class="cena"> <label>0 $ - 80 $</label><br>
                            <input type="checkbox" data-min="80" data-
max="120" class="cena"> <label>80 $ - 120 $</label><br>
                            <input type="checkbox" data-min="120" data-
max="200" class="cena"> <label>120 $ - 200 $</label><br>
                            <input type="checkbox" data-min="200" data-
max="10001" class="cena"> <label>200 $ > </label><br>
                        </form>
                    </div>
                </div>
            </div>
```

```html
            </div>
        </div>
</div>

<div class="container mt-5">
    <div class="row">
        <div class="col-3 d-none d-lg-block">
            <div class="row">
                <div class="col-11 ">
                    <p class="filterRas vidljiv prikazFiltera">Brand <i class="fa
 fa-sort-up"></i></p>
                    <form class="markaDva">
                    </form>
                </div>
                <div class="col-11">
                    <p class="filterRas vidljiv prikazFiltera">Price <i class="fa
 fa-sort-up"></i></p>
                    <form>
                            <input type="checkbox" data-min="0" data-
max="80" class="cena"> <label>0 $ - 80 $</label><br>
                            <input type="checkbox" data-min="80" data-
max="120" class="cena"> <label>80 $ - 120 $</label><br>
                            <input type="checkbox" data-min="120" data-
max="200" class="cena"> <label>120 $ - 200 $</label><br>
                            <input type="checkbox" data-min="200" data-
max="10001" class="cena"> <label>200 $ > </label><br>
                    </form>
                </div>

            </div>
        </div>

        <div class="col-12 col-lg-9">
            <div class="row mb-5" id="products">

            </div>
        </div>
    </div>
</div>
```

```html
<!-- footer -->
<footer class="bg-dark text-white text-center text-lg-start">
    <div class="container p-4">
        <div class="row">
            <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
            <h5 class="text-uppercase">Description</h5>
            <p>
                We strive to be as accurate as possible in product descriptions,
image displays,
                and pricing itself, but we cannot guarantee that all information
is complete and error-free.
                All items displayed on the site are part of our offer and do not
imply that they are available at all times.
            </p>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase">Opening Hours</h5>
              <ul class="list-unstyled mb-0">
                <li>
                <p class="text-white">Tuesday : Closed</p>
                </li>
                <li>
                <p class="text-white">Wen-Fri : 10 - 00</p>
                </li>
                <li>
                <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                </li>
              </ul>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
              <h5 class="text-uppercase mb-0">Contact Us</h5>
              <ul class="list-unstyled">
                <li class="p-2 social">
                <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                </li>
              </ul>
```

```
            </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
        © 2021 Copyright: Aleksandar Arsić   <a href="sitemap.xml" target="_blank">
  <i class="fa fa-
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>


  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

3.3 contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="contact,message,info,about,phone" />
  <meta name="description" content="This is best place to find your dream sneaker
s. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/
css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="an
onymous">
  <title>SneakerShop | Contact</title>
</head>
<body>
```

```html
<!--menu-->
<div class="container-xl-lg" id="hed">
  <div class="container">
    <div class="row">
        <div class="col-2 logo">
          <a href="#"> <img src="assets/img/logo.png" alt="Logo"/></a>
        </div>
        <div class="col-8" id="navigacija">
          <ul id="nav" class="row navisp justify-content-end">
          </ul>
        </div>
        <div class="text-center hamb col-9">
          <i class="fa fa-bars"></i>
        </div>
        <div class=" text-center nav1 col-12">
          <ul class="navisp justify-content-center meniResp nav">
          </ul>
        </div>
    </div>
  </div>
</div>
 <!--content-->
<section class="contact-us">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="section-heading">
                    <h2>Message</h2>
                </div>
                <form id="contact" action="#" method="post">
                    <div class="row">
                        <div class="col-md-6">
                            <fieldset>
                                <input  type="text" name="firstname" class="for
m-control" id="firstname" placeholder="Your first name..." >
                            </fieldset>
                            <fieldset>
                              <fieldset>
                                <input  type="text" name="lastname" class="form
-control" id="lastname" placeholder="Your last name..." >
                            </fieldset>
                            <fieldset>
                                <input  type="text" name="email" class="form-
control" id="email" placeholder="Your email...">
                            </fieldset>
```

```html
                                <fieldset>
                                        <input  type="text" name="phone" class="form-
control" id="phone" placeholder="Your phone..." >

                                </fieldset>
                            </div>
                            <div class="col-md-6">
                                <fieldset>
                                        <textarea name="message" rows="6" class="form-
control" id="message" placeholder="Your message..." ></textarea>
                                </fieldset>
                                <fieldset>
                                        <button type="button" id="form-
submit" class="btn">Send Message</button>
                                </fieldset>
                            </div>
                            <span class="mx-
auto" id="forma">Your message has been send</span>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </section>
    <section class="map">
        <div class="container">
            <div class="row">
                <div class="col-md-12">
                    <div id="map">
                        <iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!
1m3!1d22840.78305573663!2d20.544283230527068!3d44.3079382228993!2m3!1f0!2f0!3f0!3
m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x47574d232b17b0cb%3A0x21f9b2dd3fe05f5a!2sAran%C
4%91elovac!5e0!3m2!1sen!2srs!4v1607554938976!5m2!1sen!2srs" width="100%" height="
500" frameborder="0" style="border:0" allowfullscreen></iframe>
                    </div>
                </div>
            </div>
        </div>
    </section>
    <!--futer-->
    <footer class="bg-dark text-white text-center text-lg-start">
        <div class="container p-4">
            <div class="row">
                <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
                <h5 class="text-uppercase">Description</h5>
```

```html
            <p>
                We strive to be as accurate as possible in product descriptions,
image displays,
                and pricing itself, but we cannot guarantee that all information
is complete and error-free.
                All items displayed on the site are part of our offer and do not
imply that they are available at all times.
            </p>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase">Opening Hours</h5>
              <ul class="list-unstyled mb-0">
                <li>
                <p class="text-white">Tuesday : Closed</p>
                </li>
                <li>
                <p class="text-white">Wen-Fri : 10 - 00</p>
                </li>
                <li>
                <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                </li>
              </ul>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
              <h5 class="text-uppercase mb-0">Contact Us</h5>
              <ul class="list-unstyled">
                <li class="p-2 social">
                <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                </li>
              </ul>
            </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
```

```
        © 2021 Copyright: Aleksandar Arsić    <a href="sitemap.xml" target="_blank">
 <i class="fa fa-
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>


  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

3.4 author.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="web,developer,linkedin,programming" />
  <meta name="description" content="This is best place to find your dream sneaker
s. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet"  href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/
css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="an
onymous">
  <title>SneakerShop | Author</title>
</head>
<body>
  <!--menu-->
  <div class="container-xl-lg" id="hed">
    <div class="container">
      <div class="row">
          <div class="col-2 logo">
```

```html
            <a href="#"> <img src="assets/img/logo.png" alt="Logo"/></a>
          </div>
          <div class="col-8" id="navigacija">
            <ul id="nav" class="row navisp justify-content-end">
            </ul>
          </div>
          <div class="text-center hamb col-9">
            <i class="fa fa-bars"></i>
          </div>
          <div class=" text-center nav1 col-12">
            <ul class="navisp justify-content-center meniResp nav">
            </ul>
        </div>
      </div>
    </div>
  </div>
    <!--content-->
<div class="container ">
    <div class="row autor">
        <div class="col-md-12 naslovAutor">
            <h1>Aleksandar Arsić</h1>
        </div>
        <div class="col-md-6 mt-5 tekstAutor">
            <p>
                My name is Aleksandar Arsić,
                I am 22 years old web developer, born in Aranđelovac.
                Instead of thinking of all the things that can go wrong,I become
one of the people who look on how they go right.
                When you think positive thoughts, positive things will happen. <a
 href='https://www.linkedin.com/in/aleksandar-arsic-
155b88173/' target="_blank" id="lin">LinkedIn</a></p>
        </div>
        <div class=" mt-4 profile">
            <img src="assets/img/profile.jpg">
        </div>
    </div>
</div>

<!-- footer -->
<footer class="bg-dark text-white text-center text-lg-start">
    <div class="container p-4">
        <div class="row">
            <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
            <h5 class="text-uppercase">Description</h5>
            <p>
```

```
                We strive to be as accurate as possible in product descriptions,
image displays,
                and pricing itself, but we cannot guarantee that all information
is complete and error-free.
                All items displayed on the site are part of our offer and do not
imply that they are available at all times.
            </p>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase">Opening Hours</h5>
              <ul class="list-unstyled mb-0">
                <li>
                <p class="text-white">Tuesday : Closed</p>
                </li>
                <li>
                <p class="text-white">Wen-Fri : 10 - 00</p>
                </li>
                <li>
                <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                </li>
              </ul>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
              <h5 class="text-uppercase mb-0">Contact Us</h5>
              <ul class="list-unstyled">
                <li class="p-2 social">
                <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                </li>
                <li class="p-2">
                <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                </li>
              </ul>
            </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
      © 2021 Copyright: Aleksandar Arsić   <a href="sitemap.xml" target="_blank">
  <i class="fa fa-
```

```
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

3.5 cart.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta name="keywords" content="nike,puma,adidas,asics,sneakers,price,buy"/>
  <meta name="description" content="This is best place to find your dream sneaker
s. Best price and price quality." />
  <meta name="author" content="Aleksandar Arsić"/>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="icon" href="assets/img/favicon.ico" type="image/x-icon">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"/>
  <link rel="stylesheet"  href="assets/css/style.css"/>
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/
css/bootstrap.min.css" integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="an
onymous">
  <title>SneakerShop | Cart</title>
</head>
<body>
  <!--menu-->
  <div class="container-xl-lg" id="hed">
    <div class="container">
      <div class="row">
        <div class="col-2 logo">
          <a href="#"> <img src="assets/img/logo.png" alt="Logo"/></a>
        </div>
```

```html
        <div class="col-8" id="navigacija">
          <ul id="nav" class="row navisp justify-content-end">
          </ul>
        </div>
        <div class="text-center hamb col-9">
          <i class="fa fa-bars"></i>
        </div>
        <div class=" text-center nav1 col-12">
          <ul class="navisp justify-content-center meniResp nav">
          </ul>
      </div>
    </div>
  </div>
</div>
  <!--content-->

  <div class="col-12 text-center cartDiv">

  </div>

  <!--futer-->
  <footer class="bg-dark text-white text-center text-lg-start" id="futerCart">
    <div class="container p-4">
        <div class="row">
            <div class="col-lg-6 col-md-12 mb-4 mb-md-0">
            <h5 class="text-uppercase">Description</h5>
            <p>
                We strive to be as accurate as possible in product descriptions,
image displays,
                and pricing itself, but we cannot guarantee that all information
is complete and error-free.
                All items displayed on the site are part of our offer and do not
imply that they are available at all times.
            </p>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
            <h5 class="text-uppercase">Opening Hours</h5>
              <ul class="list-unstyled mb-0">
                <li>
                <p class="text-white">Tuesday : Closed</p>
                </li>
                <li>
                <p class="text-white">Wen-Fri : 10 - 00</p>
                </li>
                <li>
```

```html
                        <p class="text-white">Sat-Monday : 8 - 22 pm</p>
                    </li>
                </ul>
            </div>
            <div class="col-lg-3 col-md-6 mb-4 mb-md-0">
                <h5 class="text-uppercase mb-0">Contact Us</h5>
                <ul class="list-unstyled">
                    <li class="p-2 social">
                    <a href="https://www.facebook.com/" target="_blank"><i class="f
a fa-facebook text-white"></i></a>
                    </li>
                    <li class="p-2">
                    <a href="https://twitter.com/?lang=en" target="_blank"><i class
="fa fa-twitter text-white"></i></a>
                    </li>
                    <li class="p-2">
                    <a href="https://rs.linkedin.com/" target="_blank"><i class="fa
 fa-linkedin text-white"></i></a>
                    </li>
                </ul>
            </div>
        </div>
    </div>
    <div class="text-center p-3 dok" style="background-
color: rgba(0, 0, 0, 0.2)">
        © 2021 Copyright: Aleksandar Arsić   <a href="sitemap.xml" target="_blank">
  <i class="fa fa-
sitemap"></i></a>   <a href="doc.pdf" target="_blank"><i class="fa fa-
file"></i></a>
    </div>
  </footer>

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js">
</script>
  <script src="assets/js/bootstrap.min.js"></script>
  <script src="assets/js/main.js" type="text/javascript"></script>
</body>
</html>
```

4.JavaScript i css

4.1 main.js

*Napomena: za većinu funkcija postoji kratak komentar kako bi se lakše prolazilo kroz kod.

```javascript
var baseurl = "assets/data/";

$(document).ready(function(){

let location = window.location.pathname;

mobileNav();

//  index stranica
if(location.indexOf("index.html") != -1){
    skrol();
    strelicaUp();

}
 //store stranica
if(location.indexOf("store.html") != -1){
    filterProizvodi();
}

//  store stranica
if(location.indexOf("store.html") != -1){
    $('#sortiranje').change(sortiraj);
    $('.cena').change(sortiraj)
}

 //cart stranica
if(location.indexOf('cart.html') != -1) {
```

```javascript
    let products = anyInCart();
    check(products);
}

if(location.indexOf('contact.html'!= -1)){

    $('#form-submit').click(regButton);
}

function filterProizvodi(){
    $(".prikazFiltera").click(function(){
    $(this).find("i").toggleClass("fa fa-sort-down");
    $(this).find("i").toggleClass("fa fa-sort-up");
    $(this).next().slideToggle("slow");
    })
}
// ajax callback funkcija
function callbackajax(url,method,result){
    $.ajax({
        url:url,
        method:method,
        dataType:'json',
        success:result,
        error:function(xhr){
            console.log(xhr);
        }
    });
}

callbackajax(baseurl + "menu.json","get",function(result){
    ispisNav(result);
});

callbackajax(baseurl + "brandsIndex.json","get",function(result){
    ispisBrendovaPocetna(result);
});
callbackajax(baseurl + "products.json","get",function(result){
    ispisProizvoda(result);
    setItemToLS("allProducts",result);
});
callbackajax(baseurl + "brands.json","get",function(result){
    ispisBrendova(result);
});

});
```

```javascript
function ispisNav(data){
    let ispis="";
    for(let obj of data){
        ispis+=`
        <li class="nav-link"><a href="${obj.href}" class="nav-
item">${obj.name}</a></li>
        `;
    }
    $('.navisp').html(ispis);
}

function ispisBrendovaPocetna(data){
    let ispis ="";

    for(let i=0;i<data.length;i++){
        if( i%2 == 0){
            ispis+=`
            <div class="container-xl-lg bg-slika p-5 mt-3">
            <div class="container">
              <div class="row pt-5">
                <div class="col-xl-7 col-md-12 picpatike">
                  <img src="assets/img/${data[i].img.src}" alt="${data[i].img.alt
}"/>
                </div>
                <div class="col-xl-5 col-md-12 tekstpatike pt-5">
                  <h1>${data[i].name}</h1>
                  <h2>${data[i].text}</h2>
                  <p>${data[i].description}</p>
                  <div class="buylink">
                    <a href="store.html">Buy now</a>
                  </div>
                </div>
              </div>
            </div>
          </div>
            `;
        }
        else{
            ispis+=`
            <div class="container-xl-lg bg-slika1 p-5">
                <div class="container">
                <div class="row pt-5 justify-content-space-between">
                    <div class="col-xl-5 col-md-12 tekstpatikewhite pt-5">
                    <h1>${data[i].name}</h1>
```

```
                        <h2>${data[i].text}</h2>
                        <p>${data[i].description}</p>
                        <div class="buylink">
                            <a href="store.html">Buy now</a>
                        </div>
                    </div>
                    <div class="col-xl-7 col-md-12 picpatike">
                        <img src="assets/img/${data[i].img.src}" alt="${data[i].img.alt}"
/>
                    </div>
                </div>
                </div>
                </div>
                `;
            }
        }
    $('#marke').html(ispis);
}

// ispis proizvoda
function ispisProizvoda(data){
    let ispis="";

    if(data.length != 0){
        for(let obj of data){
            ispis+=`
            <div class="col-5 col-md-3 mb-3 pt-2 product">
                <img src="assets/img/${obj.img.src}" alt="${obj.img.alt}" class="
img-fluid frontpic">
                <img src="assets/img/${obj.img.hover}" alt="${obj.img.alt}" class
="img-fluid backpic">
                <p class="border-bottom pb-3">${obj.name}</p>
                <div class="pt-2 pb-3 ">
                    <span class="red">${obj.price.new} $ </span><br>
                    <span><del>${obj.price.old} $ </del></span>
                    <div class="cart">
                        <button class="addToCart buylink" href="#" data-
id="${obj.id}">Add to Cart</button>
                    </div>
                </div>
            </div>`;
        }
    }
    else
    {
```

```javascript
            ispis=`<h2 class="h3 m-auto my-3">No items match your search!</h2>`
    }
    $('#products').html(ispis);
    $(".addToCart").click(addToCart);

}

function ispisBrendova(data){
    let ispis="";

    for(let obj of data){
        ispis+=`<input type="checkbox" name="chbBrend" value="${obj.value}" class
="brend"> <lab el=""> ${obj.name}<br>`
    }
    ispis+=`</lab></lab></lab></lab>`;
    $('.markaDva').html(ispis);

    $('.brend').click(sortiraj);
}


// responsive navigacija, strelica i skrol
function mobileNav(){
    $(".meniResp li").hide();
    $('.hamb').click(function(){
     $(".meniResp li").stop().slideToggle('slow');
    });
}

function skrol(){
        $(window).scroll(function(){
        var rootElement = document.documentElement;
        var strelica = document.querySelector(".up");
        if(document.body.scrollTop > 220 || rootElement.scrollTop > 220){
        strelica.style.display="block";
        }
        else{
        strelica.style.display="none";
        }
        });
}

function strelicaUp(){
        var strelica = document.querySelector(".up");
        strelica.addEventListener("click",function(){
```

```javascript
            $("html, body").animate({ scrollTop: 0 }, "slow");
        });
}

//sortiranje  po ceni, firstnamenu i opsegu cene
var maxArray = [];
var minArray = [];

function sortiraj(){
    var filtProizvodi = [];
    var allProducts = getItemFromLS("allProducts");

    let selectedBrands = [];
    // po brendu
    $('.brend:checked').each(function(el){
        selectedBrands.push($(this).val());
    });

    if(selectedBrands.length != 0){
        filtProizvodi = allProducts.filter(x =>selectedBrands.includes(x.brand));

    }
    else
        filtProizvodi = allProducts;


    //po ceni i firstnamenu
    var sortType = $('#sortiranje').val();
    if(sortType == 'asc'){
        filtProizvodi = filtProizvodi.sort((a,b) => a.price.new > b.price.new ? 1
 : -1)
    }
    else if(sortType == 'desc'){
        filtProizvodi = filtProizvodi.sort((a,b) => a.price.new < b.price.new ? 1
 : -1)
    }
    else if(sortType == 'descbyName'){
        filtProizvodi = filtProizvodi.sort((a,b) => a.name > b.name ? 1 : -1)
    }


    //po opseg cene
    var pricemax = $(this).data('max');
    var pricemin = $(this).data('min');
```

```javascript
        if($.inArray(pricemax,maxArray) != -1){
            maxArray = maxArray.filter(x => x != pricemax);
        }
        else{
            maxArray.push(pricemax);
        }

        if($.inArray(pricemin,minArray) != -1){
            minArray = minArray.filter(x => x != pricemin)
        }
        else{
            minArray.push(pricemin);
        }

        var cenaOpseg  = [];
        cenaOpseg = filtProizvodi;

        cenaOpseg = cenaOpseg.filter(x =>{
            if(minArray.length !=0 && maxArray.length !=0){
                for(let i=0; i<minArray.length;i++){
                    for(let j=0; j<maxArray.length; j++){
                        if(x.price.new > minArray[i] && x.price.new < maxArray[j])
                            return true;
                    }
                }
            }
            else{
                return true;
            }
        });

        if(cenaOpseg != 0){
            filtProizvodi = cenaOpseg;
        }

        if(minArray != 0 && maxArray != 0 && selectedBrands !=0 && cenaOpseg.length =
= 0){
            filtProizvodi = cenaOpseg;
        }

        ispisProizvoda(filtProizvodi);
}

// cart funckionalnost
function addToCart(){
```

```javascript
    var id = $(this).data('id');
    var products = anyInCart();

    if(!products){
        let products = [];
        products[0]={
            id:id,
            quantity:1
    };

    setItemToLS("products",products);
    }

    else{
        if(!inLocalStorage(products, id)) {
            addToLocalStorage(id)
        }
        else{
            updatequantity(id);
        }
    }

    alert("Your item has been added to the cart!");
}


//funk proverava da li je prazan localstorage za proizvode
function anyInCart(){
    return JSON.parse(localStorage.getItem("products"));
}

//provera da li se proizvod vec nalazi u localstorage-u
function inLocalStorage(products, id) {
    return products.find(p => p.id == id);
}

//dodavanje proizvoda u localstorage
function addToLocalStorage(id) {
    let products = anyInCart();

    products.push({
    id : id,
    quantity : 1
    });
```

```javascript
        setItemToLS("products",products);
}

//funkcija za postavljanje localstorage-a
function setItemToLS(key,value){
    localStorage.setItem(key,JSON.stringify(value));
}

//funkcija za dohvatanje localstorage-a
function getItemFromLS(value){
    return JSON.parse(localStorage.getItem(value));
}

//povecavanje kolicine proizvoda
function updatequantity(id){
    let products = anyInCart();
    products.forEach(el => {
        if(el.id == id)
            el.quantity++;
        });
    setItemToLS("products",products);
}

// ubacivanje u korpu
function displayCart(){

    let ispis= `
    <div id="orderTable">
        <table class="tableAlign">
            <thead>
            <tr>
            <td>Product Name</td>
            <td>Image</td>
            <td>Price</td>
            <td>Quantity</td>
            <td>Sum</td>
            <td>Remove</td>
            </tr>
            </thead>`;

    let allProducts = getItemFromLS("allProducts");
    let products = getItemFromLS("products");

    allProducts = allProducts.filter(el => {
        for(let p of products){
```

```javascript
                if(el.id == p.id) {
                el.quantity = p.quantity;
                 return true;
            }
        }
    });

    for(let obj of allProducts){
        ispis+=`<tbody>
            <tr>
            <td><h5>${obj.name}</h5></td>
            <td>
                <img src="assets/img/${obj.img.src}" alt="${obj.img.alt}" class="
img-fluid">
            </td>
            <td class="price">$${obj.price.new}</td>
            <td class="quantity">
                <input class="form-
control quantityInput" type="number" value="${obj.quantity}">
            </td>
            <td class="productSum">${parseFloat(obj.price.new*obj.quantity)} $</t
d>
            <td>
                <button onclick ='removeItem(${obj.id})'class="btn btn-outline-
danger btnRemove">Remove</button>
            </td>
        </tr>
        </tbody>
        `;
    }
    ispis+=` </table>
    </div>


    <div class="container">
        <div class="row d-flex justify-content-end" id="controls">
                <p id="totalSum" class="m-2">Total Sum:${sum(allProducts)}$</p>
                <button id="purchase" onclick ="buy()" class="btn btn-info m-
2">Purchase</button>
                <button id="removeAll" onclick="removeAll()" class="btn btn-
danger m-2">Remove All</button>
        </div>
    </div>`;

    $(".cartDiv").html(ispis);
```

```javascript
}

// ukupna cena proizvoda - cena jednog*kolicina
function sum(data){
    let sum = 0;

    data.forEach(el =>{
        sum+=parseFloat(el.price.new*el.quantity);
    })
    return sum;
}


//provera za korpu, ukoliko je prazna ispisuje poruku, ukoliko nije pravi se tabe
la proizvoda
function check(productsInCart){
    if(productsInCart){
        if(productsInCart.length){
            displayCart();
            $(".quantityInput").change(quantityChange);
        }
        else
            showEmptyCart();


    }
    else
        showEmptyCart();
}


//isprazniti korpu
function removeAll(){
    localStorage.removeItem("products");
    showEmptyCart();
}
// izbrisati odredjeni proizvod iz korpe
function removeItem(id){
        let products = anyInCart();

        products = products.filter(x => x.id != id);

        setItemToLS("products",products);
        check(products);
}
// prilikom kupovine se prazni korpa i izbacuje poruka o uspesnoj kupovini proizv
oda
function buy(){
```

```javascript
    alert("Your order has been placed.");
    localStorage.removeItem("products");
    showEmptyCart();
}
//prazna korpa
function showEmptyCart() {
    $(".cartDiv").html("<div class='mx-auto d-flex w-75'><img class=' w-50 mx-
auto' src='assets/img/emptycart.png' alt='Your cart is empty'></div><h1 class='py
-3'>Your cart is empty</h1>")
}

// ukoliko se poveca/smanji kolicina jednog proizvoda azurira se cena za taj proi
zvod kao i ukupna cena svih proizvoda u korpi.
function update(){
    let productSum = document.querySelectorAll(".productSum");
    let price = document.querySelectorAll(".price");
    let quantitySum = document.querySelectorAll(".quantityInput");
    let totalSumforAll = document.querySelector("#totalSum");
    let totalSumForOne = 0;

    for(let i=0; i< price.length; i++){
        let priceone = price[i].innerHTML.replace('$','');

        productSum[i].innerHTML =  (Number(priceone)*Number(quantitySum[i].value)
).toFixed(2) + "$";

        totalSumForOne += Number(priceone) * Number(quantitySum[i].value);
    }

    totalSumforAll.innerHTML =  "Total Sum:" + parseFloat(totalSumForOne).toFixed
(2) + "$";
}

// kolicina jednog proizvoda ne moze biti negativna i  poziva se funkcija update(
) koja menja cene, ukupnu i za proizvod.
function quantityChange(){
    if(this.value > 0 ) {
        update();
    }
    else {
    this.value = 1;
    }
}
```

```javascript
// regularni izrazi
function regButton(){
var email = $("#email");
var firstname = $("#firstname");
var lastname = $("#lastname");
var tel = $("#phone");
var valid = $("#forma");
var br = 0;

var emailRegex = /^[\w-\.]+@([\w-]+\.)+[\w-]{2,4}$/;
var telefonRegex = /^\d{8,13}$/;
var nameRegex =  /^[A-ZČĆŽŠĐ][a-zčćžš]{2,15}$/

// telefon


    if(tel.val() == ''){
        tel.css({
        'border':'1px solid  #e60000'
        });
        tel.val("");
        tel.attr('placeholder','Phone  can not be empty');
    }
    else if(!telefonRegex.test(tel.val())){
        tel.css({
        'border':'1px solid  #e60000'
        });
        tel.val("");
        tel.attr('placeholder','Please provide number between 8 and 13 digits');
    }
    else {
        tel.css({
        'border':'1px solid  #fff'
    });
    }
    //za text polje
    var tekstPolje =$("#message");
    var tekstValid = 0;

    if(tekstPolje.val() == ''){
        tekstPolje.css({
        'border':'1px solid  #e60000'
        });
        tekstPolje.val("");
        tekstPolje.attr('placeholder','You can not send empty message');
```

```
            tekstValid = 0;
}
else {
    tekstPolje.css({
    'border':'1px solid  #fff'
    });
    tekstValid = 1;
}

//za email
if(email.val() == ''){
    email.css({
    'border':'1px solid  #e60000'
    });
    email.val("");
    email.attr('placeholder','Email adress can not be empty');
}
else if(!emailRegex.test(email.val())){
    email.css({
    'border':'1px solid  #e60000'
    });
    email.val("");
    email.attr('placeholder','e.g. aleksandar14@gmail.com');
}
else {
    email.css({
    'border':'1px solid  #fff'
    });
    br++
}
//firstname
if(firstname.val() == ''){
    firstname.css({
    'border':'1px solid  #e60000'
    });
    firstname.val("");
    firstname.attr('placeholder','First name can not be empty');
}

else if(!nameRegex.test(firstname.val())){
    firstname.css({
    'border':'1px solid  #e60000'
    });
    firstname.val("");
```

```javascript
        firstname.attr('placeholder','Please provide a valid first name, must be
between 2-12 characters');
    }
    else {
    firstname.css({
        'border':'1px solid  #fff'
        });
        br++;
    }


    //lastname
    if(lastname.val() == ''){
        lastname.css({
        'border':'1px solid  #e60000'
        });
        lastname.val("");
        lastname.attr('placeholder','Last name can not be empty');
    }

    else if(!nameRegex.test(lastname.val())){
        lastname.css({
        'border':'1px solid  #e60000'
        });
        lastname.val("");
        lastname.attr('placeholder','Please provide a valid last name, must be be
tween 2-12 characters');
    }
    else {
        lastname.css({
        'border':'1px solid  #fff'
        });
        br++;
    }
 // Ukoliko nema gresaka, ispisuje poruku da je uspesno poslata poruka i poruka s
e upisuje u local storage
    if(br != 0 && tekstValid == 1){
        var message = getItemFromLS("message");
        if(!message){
            let message = [];
            message[0] = {
                name : firstname.val()+' ' + lastname.val(),
                email : email.val(),
                mess : tekstPolje.val(),
                phone : tel.val()
```

```
                }
                setItemToLS("message",message);
            }
            else{
                message = getItemFromLS("message");
                message.push({
                    name : firstname.val()+' ' + lastname.val(),
                    email : email.val(),
                    mess : tekstPolje.val(),
                    phone : tel.val()
                });
                setItemToLS("message",message);
            }

            valid.show();
            firstname.val("");
            firstname.attr('placeholder','Full name');
            lastname.val("");
            lastname.attr('placeholder','Full name');
            email.val("");
            email.attr('placeholder','Email');
            tekstPolje.val("");
            tekstPolje.attr('placeholder','Your message..');
            tel.val("");
            tel.attr('placeholder','Your phone number');


        }
        else{
            valid.hide();
        }

}
```

4.1 style.css

```css
@font-face{
  font-family:'font';
  src:url('../fonts/Ubuntu-Regular.ttf');
}

*{
  padding: 0px;
  margin: 0px;
  font-family:'font';
}
#hed{
  background-color:#142236;
  opacity:0.9;
}
.logo a img{
  width:80px;
}
#nav{
  list-style-type: none;
  padding-top:20px;
}
#nav li {
  padding-left:50px;
}
#nav  li a{
  text-decoration: none;
  color:#fff;
  text-transform:uppercase;
}
#nav li a:hover{
  color:#000;
}
#banner img{
  background-position: center;
  width:100%;
  height:auto;
}
```

```css
#pic{
  background-image: url('../img/asics.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
}
#pic1{
  background-image: url('../img/pumamirage.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
}
#pic2{
  background-image: url('../img/nikewall.jpg');
  min-height:600px;
  width:100%;
  background-repeat:no-repeat;
  background-position: center;
}
/*hamburger*/
.hamb{
  display:none;
  font-size:2rem;
  cursor:pointer;
  color:#fff;
}
.meniResp{
  display:none !important;
}
.meniResp li a{
  font-size:1.4rem;
  color:#fff;
  padding-bottom:2rem;
}
.tekst a{
  text-decoration: none;
  color:#fff;
  background-color:#0071E3;
  padding:5px 10px 5px 10px;
  margin:0px auto;
  border-radius:10px;
}
.tekst a:hover{
```

```css
  text-decoration: none;
  font-weight: bold;
  color:#fff;
}

.tekstnaslov{
  color:#4d4d4d;
}

.bg-slika{
  background-color:#000;
}
.picpatike img{
  width:80%;
}
.tekstpatike {
  text-align:center;
  color:#fff;
}
.tekstpatike a{
  text-decoration: none;
  color:#fff;
}
.tekstpatike a:hover{
  text-decoration:none;
  color:#fff;
  font-weight:bold;
}

.tekstpatikewhite a{
  text-decoration: none;
  color:#fff;
}
.tekstpatikewhite a:hover{
  text-decoration:none;
  color:#fff;
  font-weight:bold;
}

.tekstpatikewhite{
  text-align:center;
    color:#142236;
}

.buylink{
```

```css
    background-color:#0071E3;
    width:30%;
    padding:10px 20px 10px 20px;
    margin:0px auto;
    border-radius:10px;
}
.desno{
    float:right;
}

/*up dugme*/
.up{
    position: fixed;
    bottom: 30px;
    right: 30px;
    padding:3px 10px 5px 10px;
    z-index: 100;
    font-size:30px;
    background-color: #142236;
    border-radius:50%;
    border:0px;
    display:none;
}
button.up:focus{
    outline:0px!important;
}
.up:hover {
    opacity: 0.8;
    }
.up{
    border:0px;
    color:#fff;

}
.up a:hover{
    color:#fff;
}

/* forma */

section.contact-us {
    margin-top: 100px;
    margin-bottom: 60px;
}
```

```css
.contact-us .section-heading h2 {
  text-align: left;
  margin-top: 0px;
  margin-bottom: 60px;
  font-size: 22px;
  font-weight: 700;
  letter-spacing: 0.5px;
  text-transform: uppercase;
  color: #121212;
}

.contact-us p {
  margin-top: -5px;
}

.contact-us em {
  font-style: normal;
  font-weight: 500;
  font-size: 15px;
  color: #aaa;
}

.contact-us input {
  border-radius: 3px;
  padding-left: 15px;
  font-size: 13px;
  color: #4a4a4a;
  background-color: #f4f4f4;
  outline: none!important;
  border: none;
  box-shadow: none;
  line-height: 44px;
  height: 44px;
  width: 100%;
  margin-bottom: 30px;
}

.contact-us textarea {
  border-radius: 3px;
  padding-left: 15px;
  padding-top: 10px;
  font-size: 13px;
  color: #4a4a4a;
  background-color: #f4f4f4;
  outline: none;
```

```css
  border: none;
  box-shadow: none;
  height: 122px;
  max-height: 220px;
  width: 100%;
  margin-bottom: 25px;
}

.contact-us button {
  width: 100%;
  display: inline-block;
  background-color: #142236;
  color: #fff!important;
  font-size: 13px;
  text-transform: uppercase;
  font-weight: 500;
  padding: 12px 20px;
  border-radius: 3px;
  text-decoration: none;
  letter-spacing: 0.5px;
}

section.map {
  margin-bottom: 150px;
}

section.map #map {
  height: 450px;
}

/* author page */

.tekstAutor{
  color:gray;
}
.autor{
  margin:7rem 0 7rem 0;
}
.naslovAutor{
  text-align:center;
}
.autor img{
  float:right;
}
/*futer*/
```

```css
footer{
  background-color:#142236;
}
.futer{
  display:flex;
  justify-content: space-between;
  padding-top:20px;
  color:#fff;
  font-weight:bold;
}


.dok a{
  text-decoration:none;
  color:#fff;
  font-size:25px;
}
.dok a:hover{
  color:#c2c2c2;
  text-decoration:none;
}
.social a i{
  font-size:20px;
}

/*store page*/
#sortiranje{
width:220px;
 padding:10px;
 border:1px solid rgba (216, 216, 216, 0.5);
 font-size:20px;
 text-align:center;
 margin-bottom:20px;
 outline:none;
}
.centriranje{
  text-align:center;
}
.vidljiv{
  display:block;
}
.nevidljiv{
  display:none;
}
.prikazFiltera{
```

```css
 font-size:160%;
}
.okvir{
 border:1px solid rgba(20, 34, 54,0.6);

}
.responsFilter{
display:flex;
justify-content:space-between;
align-items:center;
}

#products{
 display:flex;
justify-content:space-around;
}

.addToCart{
width: 100%;
text-align: center;
padding: 10px;
background-color: #142236;

color: #fff;
outline: 0px;
border: none;
padding:10px 20px 10px 20px;
border-radius:10px;
}
.backpic{
  display:none;
}

#products .product:hover .backpic{
    display:block;
}
#products .product:hover .frontpic{
  display:none;
}

/* cart page */
.cartDiv{
  margin:250px 0px 250px 0px;
}
.emptyCart a{
```

```css
    text-decoration: none;
    color:#142236;;
}
.emptyCart a:hover{
    text-decoration: none;
    color:#142236;
}
#orderTable img{
    width:250px;
    margin:20px 0px 20px 0px;
}
.tableAlign{

    margin:0px auto;
}

.profile{
    display:block;
    margin-left:50px;
}
/* regex */

.notValid{
    color:#b90f0f;
    display:none;
}
#forma{
    color: #006622;
    font-weight:bold;
    display:none;
}

/* Media query*/

@media screen and (max-width:1199px){

.tekstnaslov{
    text-align:center;
}
.tekst{
    text-align:center;
}
.picpatike{
    text-align:center;
}
```

```css
}

@media screen and (max-width:776px){
  .profile {
    text-align:center;
    background-color: green;
    margin: 0px auto;
  }

}

@media screen and (max-width:997px){
  .hamb{
    display:block;
    margin-left:35px;
  }
  .hamb i{
    float:right;
    margin-top:15px;
  }
  #navigacija{
    display:none;
  }
  .meniResp{
    display:block !important;
    padding-bottom:10px;
    float:right;
  }

}
```

5. JSON

5.1 brands.json

```json
[
```

```json
    {
        "id":1,
        "name":"ADIDAS",
        "value":"adidas"
    },
    {
        "id":2,
        "name":"NIKE",
        "value":"nike"
    },
    {
        "id":3,
        "name":"ASICS",
        "value":"asics"
    },
    {
        "id":4,
        "name":"PUMA",
        "value":"puma"
    }

]
```

5.2 brandsIndex.json

```json
[
    {
        "id":1,
        "name":"Nike",
        "text":"Take the high road and go higher.",
        "description":"Nike, Inc. is an American multinational corporation which
is the world's largest supplier and manufacturer of athletic shoes, apparel and o
ther sports equipment.",
        "img":{
            "src":"nike.jpg",
            "alt":"Nike"
        }
    },
    {
        "id":2,
        "name":"Adidas",
        "text":"Put on your adidas and step off.",
```

```
        "description":"Adidas is a German manufacturer of sports equipment. Adida
s is a small European manufacturer of sports equipment. The logo of this company
represents three parallel lines.",
        "img":{
            "src":"adidas.jpg",
            "alt":"Adidas"
        }
    },
    {
        "id":3,
        "name":"Puma",
        "text":"Made to shine.",
        "description":"PUMA has relentlessly pushed sport and culture forward by
creating fast products for the world's fastest athletes. For more than 70 years,
we draw strength and credibility from our heritage in sports.",
        "img":{
            "src":"puma.jpg",
            "alt":"Puma"
        }
    }
]
```

5.3 menu.json

```
[
  {
    "href":"index.html",
    "name":"Home"
  },
  {
    "href":"store.html",
    "name":"Store"
  },
  {
    "href":"contact.html",
    "name":"Contact"
  },
  {
    "href":"author.html",
    "name":"Author"
  },
```

```
  {
    "href":"cart.html",
    "name":"<i class='fa fa-shopping-cart'></i>"
  }
]
```

5.4 products.json

```
[
    {
        "id":1,
        "name":"NIKE AIR FORCE 1 '07",
        "price":{
            "new":99.9,
            "old":120
        },
        "img":{
            "src":"nike1.jpg",
            "alt":"Nike air force",
            "hover":"nike1back.jpg"
        },
        "brand":"nike"
    },
    {
        "id":2,
        "name":"ADIDAS SUPERSTAR 50",
        "price":{
            "new":109,
            "old":140
        },
        "img":{
            "src":"adidas1.jpg",
            "alt":"Adidas x run dmc",
            "hover":"adidas1back.jpg"
        },
        "brand":"adidas"
    }
    ,
    {
        "id":3,
        "name":"ASICS GEL-TRABUCO 9",
        "price":{
            "new":139.9,
```

```
            "old":150.5
        },
        "img":{
            "src":"asics1.jpg",
            "alt":"Asics gel-trabuco 9",
            "hover":"asics1back.jpg"
        },
        "brand":"asics"
    },
    {
        "id":4,
        "name":"PUMA FUTURE RIDER ",
        "price":{
            "new":85,
            "old":110
        },
        "img":{
            "src":"puma1.jpg",
            "alt":"Puma future rider",
            "hover":"puma1back.jpg"
        },
        "brand":"puma"
    },
    {
        "id":5,
        "name":"ADIDAS ZX BOOST PURE",
        "price":{
            "new":130,
            "old":150
        },
        "img":{
            "src":"adidas2.jpg",
            "alt":"Adidas zx 2k ",
            "hover":"adidas2back.jpg"
        },
        "brand":"adidas"
    },
    {
        "id":6,
        "name":"ASICS GEL-KAYANO 14",
        "price":{
            "new":130,
            "old":150
        },
        "img":{
```

```json
            "src":"asics2.jpg",
            "alt":"Asics gel-kayano 14",
            "hover":"asics2back.jpg"
        },
        "brand":"asics"
    },
    {

        "id":7,
        "name":"NIKE REACT ELEMENT 55",
        "price":{
            "new":130.5,
            "old":160
        },
        "img":{
            "src":"nike2.jpg",
            "alt":"Nike react element 55",
            "hover":"nike2back.jpg"
        },
        "brand":"nike"
    },
    {

        "id":8,
        "name":"PUMA X-RAY 2 SQUARE",
        "price":{
            "new":71.5,
            "old":100
        },
        "img":{
            "src":"puma2.jpg",
            "alt":"Puma x-ray 2 square",
            "hover":"puma2back.jpg"
        },
        "brand":"puma"
    },
    {

        "id":9,
        "name":"ASICS GEL-LYTE III OG",
        "price":{
            "new":116.5,
            "old":135
        },
        "img":{
            "src":"asics3.jpg",
            "alt":"Asics III OG ",
            "hover":"asics3back.jpg"
```

```
        },
        "brand":"asics"
    },
    {
        "id":10,
        "name":"PUMA RS-X³ NEO FADE",
        "price":{
            "new":98,
            "old":120
        },
        "img":{
            "src":"puma3.jpg",
            "alt":"Puma RS-X neo fade",
            "hover":"puma3back.jpg"
        },
        "brand":"puma"
    },
    {
        "id":11,
        "name":"NIKE AIR MAX TRIAX",
        "price":{
            "new":110,
            "old":125
        },
        "img":{
            "src":"nike3.jpg",
            "alt":"Nike air max triax",
            "hover":"nike3back.jpg"
        },
        "brand":"nike"
    },
    {
        "id":12,
        "name":"ADIDAS NMD PRIMEKNIT",
        "price":{
            "new":210,
            "old":220
        },
        "img":{
            "src":"adidas3.jpg",
            "alt":"Adidas nmd r1 primeknit",
            "hover":"adidas3back.jpg"
        },
        "brand":"adidas"
    },
```

```json
{
    "id":13,
    "name":"NIKE AIR MAX 270",
    "price":{
        "new":139.9,
        "old":150
    },
    "img":{
        "src":"nike4.jpg",
        "alt":"Nike air max 270",
        "hover":"nike4back.jpg"
    },
    "brand":"nike"
},
{
    "id":14,
    "name":"ADIDAS ZX 2K 4D",
    "price":{
        "new":152.9,
        "old":170
    },
    "img":{
        "src":"adidas4.jpg",
        "alt":"Adidas ZX 2K 4D",
        "hover":"adidas4back.jpg"
    },
    "brand":"adidas"
},
{
    "id":15,
    "name":"PUMA STYLE RIDER",
    "price":{
        "new":75.9,
        "old":90
    },
    "img":{
        "src":"puma4.jpg",
        "alt":"Puma style rider stream on",
        "hover":"puma4back.jpg"
    },
    "brand":"puma"
},
{
    "id":16,
    "name":"ASICS X AWAKE",
```

```
        "price":{
            "new":140,
            "old":159.9
        },
        "img":{
            "src":"asics4.jpg",
            "alt":"Asics X Awake",
            "hover":"asics4back.jpg"
        },
        "brand":"asics"
    }
]
```