# DOKUMENTACIJA Web programiranje 2 – sajt



https://igorstankovic112.github.io/BookGeeks/

Igor Stanković 112/21

 $Internet\ tehnologije-Web\ programiranje$ 

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## 1.Uvod

#### 1.1 Korišćeni alati

Za izradu sajta su korišćeni: HTML, CSS, JavaScript,

jQuery, Bootstrap I XML

Radno okruženje: Visual studio code

#### 1.2 Opis funkcionalnosti

- 1. Provera podataka unetih u formu sa ispisavanjem grešaka
- 2. Loader
- 3. Dinamicko iscitavanje jsona
- 4. Koriscenje local storage za skladistenje json informacija
- 5. Filtriranje I sortiranje knjiga

## 1.3 Template

Za izradu sajta je korišćen templejt:

https://templatemo.com/tm-546-sixteen-clothing

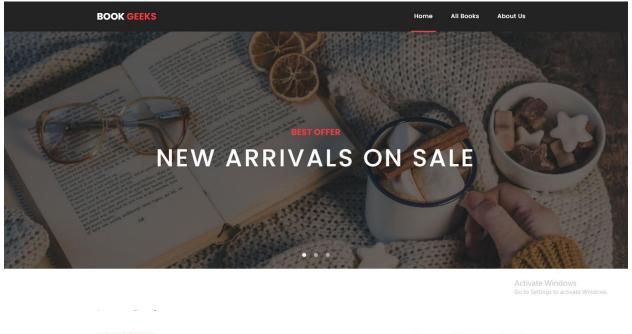
Menjao sam delove HTML i CSS koda,

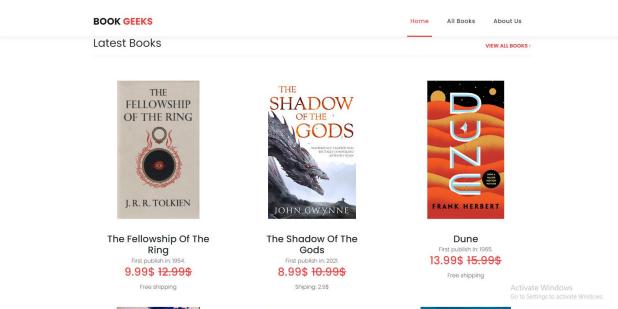
Dodao sam robots.txt

Dodao sam sitemap.xml

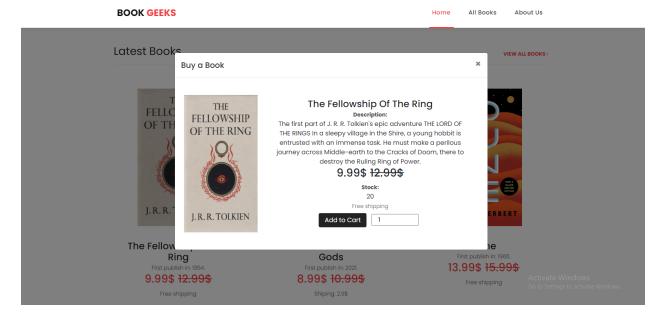
Dodao sam main.js sa mojim JavaScript I jQuerykodom

## 1.4 Izgled sajta – index.html

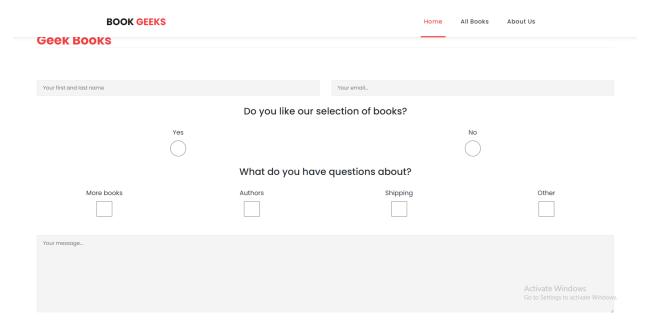




Knjige su json fajlu koji se upisuje u local storage pa sinformacije kasnije dohvataju I filtriraju.

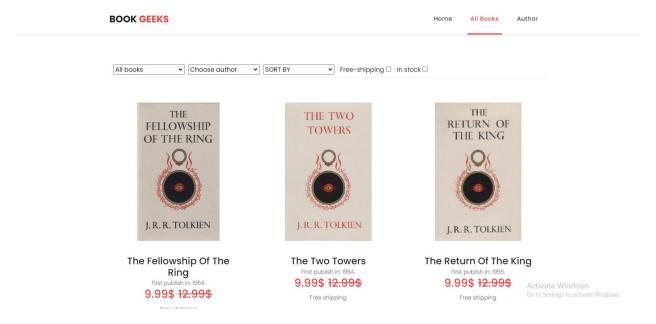


Klikom na knjigu izadje modal sa dodatnim informacijama o knjizi.



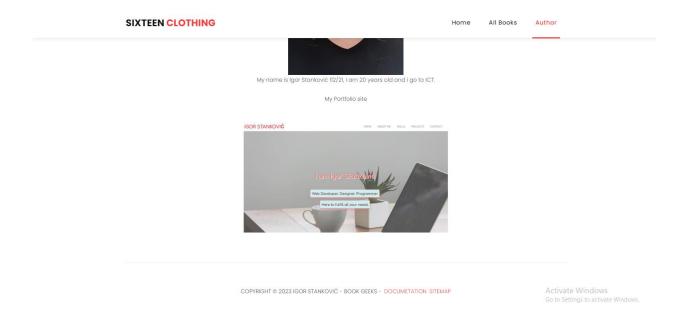
Forma sa regularnim izrazima I proverama.

## books.html



Stranica sa sim knjigama koja sadrz razlicite filtere I sortiranja.

## Author.html



Stranica o autoru.

This XML file does not appear to have any style information associated with it. The document tree is shown below.

## Sitemap.xml

#### 3. kodovi – html

### Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-</pre>
to-fit=no">
    <meta name="description" content="Website about books, mainly fantasy and</pre>
sci-fi">
    <meta name = "keywords" content = "books, geeks, sci-fi, fantasy, lotr, got"</pre>
    <meta name="author" content="Igor Stanković">
href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,500,600,700
,800,900&display=swap" rel="stylesheet">
    <link rel="icon" type="image/x-icon" href="assets/images/favicon.ico">
    <link href="assets/css/main.css" rel="stylesheet">
    <title>Book Geeks</title>
    <!-- Bootstrap core CSS -->
    <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
TemplateMo 546 Sixteen Clothing
https://templatemo.com/tm-546-sixteen-clothing
    <!-- Additional CSS Files -->
    <link rel="stylesheet" href="assets/css/fontawesome.css">
    <link rel="stylesheet" href="assets/css/templatemo-sixteen.css">
    <link rel="stylesheet" href="assets/css/owl.css">
  </head>
  <body>
```

```
<!-- ***** Preloader Start ***** -->
   <div id="loaderbg">
       <div class="loader"></div>
   </div>
   <!-- ***** Preloader End ***** -->
   <header class="">
     <nav class="navbar navbar-expand-lg">
       <div class="container">
         <a class="navbar-brand" href="index.html"><h2>BOOK
<em>GEEKS</em></h2></a>
         <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-
expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
         <div class="collapse navbar-collapse" id="navbarResponsive">
          <a class="nav-link" href="#">Home
                <span class="sr-only">(current)</span>
              </a>
            <a class="nav-link" href="books.html">All Books</a>
            <a class="nav-link" href="author.html">About Us</a>
            </div>
       </div>
     </nav>
   </header>
   <!-- Page Content -->
   <!-- Banner Starts Here -->
   <div class="banner header-text">
     <div class="owl-banner owl-carousel">
       <div class="banner-item-01">
        <div class="text-content">
          <h4>Best Offer</h4>
          <h2>New Arrivals On Sale</h2>
        </div>
```

```
</div>
        <div class="banner-item-02">
          <div class="text-content">
            <h4>Flash Deals</h4>
            <h2>Get your best products</h2>
          </div>
        </div>
        <div class="banner-item-03">
          <div class="text-content">
            <h4>Last Minute</h4>
            <h2>Grab last minute deals</h2>
          </div>
        </div>
      </div>
    </div>
    <!-- Banner Ends Here -->
    <div class="latest-products">
      <div class="container">
        <div class="row">
          <div class="col-md-12">
            <div class="section-heading">
              <h2>Latest Books</h2>
              <a href="books.html">view all books <i class="fa fa-angle-</pre>
right"></i></a>
            </div>
          </div>
          <div class="row row-cols-1 row-cols-md-3 g-4" id="row">
          </div>
        </div>
      </div>
    </div>
      </div>
    </div>
    <div class="modal fade" id="modal" tabindex="-1" role="dialog" aria-</pre>
labelledby="exampleModalCenterTitle" aria-hidden="true">
    </div>
    <section id="contact" class="content-section">
     <div id="contact-content">
```

```
<div class="section-heading">
              <h1>Contact<br><em>Geek Books</em></h1>
          </div>
          <div class="section-content">
              <form id="contact" action="#" method="post">
                  <div class="row">
                      <div class="col-md-6">
                        <fieldset>
                          <span id="nameErorr" class="greskaForm hide">You didn't
fill out your name!</span>
                          <input name="name" type="text" class="form-control"</pre>
id="name" placeholder="Your first and last name">
                        </fieldset>
                      </div>
                      <div class="col-md-6">
                        <fieldset>
                          <span id="mailErorr" class="greskaForm hide">You didn't
fill out your email!</span>
                          <input name="email" type="email" class="form-control</pre>
pozicija" id="email" placeholder="Your email...">
                        </fieldset>
                      </div>
                      <div class="col-md-12">
                          <fieldset>
                            <h4>
                                   Do you like our selection of books?
                            </h4>
                          </fieldset>
                      </div>
                      <div class="col-md-12">
                          <fieldset>
                               <span id="radioError" class="greskaRadio hide">Pick
one option</span><br>
                          </fieldset>
                      </div>
                      <div class="col-md-6">
                          <fieldset>
                            <label for="firstRadio">Yes</label>
                            <input name="radio" type="radio" class="form-control"</pre>
id="firstRadio">
                          </fieldset>
                      </div>
                      <div class="col-md-6">
                          <fieldset>
```

```
<label for="secondRadio">No</label>
                             <input name="radio" type="radio" class="form-control"</pre>
id="secondRadio">
                           </fieldset>
                      </div>
                      <div class="col-md-12">
                           <fieldset>
                             <h4>
                               What do you have questions about?
                             </h4>
                           </fieldset>
                      </div>
                      <div class="col-md-12">
                           <fieldset>
                               <span id="tbError" class="greskaTb hide">Pick at
least one option
                           </fieldset>
                      </div>
                      <div class="col-md-3">
                           <fieldset>
                             <label for="cb1">More books</label>
                             <input name="check" type="checkbox" class="form-</pre>
control" id="cb1">
                           </fieldset>
                      </div>
                      <div class="col-md-3">
                           <fieldset>
                             <label for="cb2">Authors</label>
                             <input name="check" type="checkbox" class="form-</pre>
control" id="cb2">
                           </fieldset>
                      </div>
                       <div class="col-md-3">
                           <fieldset>
                             <label for="cb3">Shipping</label>
                             <input name="check" type="checkbox" class="form-</pre>
control" id="cb3">
                           </fieldset>
                      </div>
                       <div class="col-md-3">
                           <fieldset>
                             <label for="cb4">Other</label>
                             <input name="check" type="checkbox" class="form-</pre>
control" id="cb4">
                          </fieldset>
```

```
</div>
                      <div class="col-md-12">
                        <fieldset>
                          <span id="textError" class="greskaForm hide">This field
can not be empty!</span>
                          <textarea name="message" rows="6" class="form-control"</pre>
id="message" placeholder="Your message..." ></textarea>
                        </fieldset>
                      </div>
                      <div class="col-md-12">
                        <fieldset>
                              <button type="button" id="form-submit"</pre>
class="btn">Send Message Now</button>
                        </fieldset>
                      </div>
                      <div class="col-md-12">
                          <fieldset>
                              <br>
                              <span id="sentForm" class="sentFormText hide">We
recieved your message!</span>
                          </fieldset>
                        </div>
                  </div>
              </form>
          </div>
      </div>
  </section>
    <footer>
     <div class="container">
        <div class="row">
          <div class="col-md-12">
            <div class="inner-content">
              <section class="footer">
                    Copyright © 2023 Igor Stanković - Book Geeks - <a
href="dokumentacija.pdf" target="_blank">Documetation</a>
                    <a href="sitemap.xml">Sitemap</a>
                </section>
            </div>
          </div>
        </div>
```

```
</div>
    </footer>
    <!-- Bootstrap core JavaScript -->
    <script src="vendor/jquery/jquery.min.js"></script>
    <script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!-- Additional Scripts -->
    <script src="assets/js/custom.js"></script>
    <script src="assets/js/owl.js"></script>
    <script src="assets/js/slick.js"></script>
    <script src="assets/js/isotope.js"></script>
    <script src="assets/js/accordions.js"></script>
    <script src="assets/js/main.js"></script>
    <script language = "text/Javascript">
      cleared[0] = cleared[1] = cleared[2] = 0; //set a cleared flag for each
field
      function clearField(t){
                                               //declaring the array outside of
      if(! cleared[t.id]){
                                               // function makes it static and
global
         cleared[t.id] = 1; // you could use true and false, but that's more
typing
         t.value='';
         t.style.color='#fff';
    </script>
  </body>
</html>
```

#### Books.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-</pre>
to-fit=no">
    <meta name="description" content="All of our books on one page">
    <meta name = "keywords" content = "books, geeks, sci-fi, fantasy, lotr, got"</pre>
/>
    <meta name="author" content="Igor Stanković">
    link
href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,500,600,700
,800,900&display=swap" rel="stylesheet">
    <link rel="icon" type="image/x-icon" href="assets/images/favicon.ico">
    <link href="assets/css/main.css" rel="stylesheet">
    <title>Book Geeks</title>
    <!-- Bootstrap core CSS -->
    <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
TemplateMo 546 Sixteen Clothing
https://templatemo.com/tm-546-sixteen-clothing
    <!-- Additional CSS Files -->
    <link rel="stylesheet" href="assets/css/fontawesome.css">
    <link rel="stylesheet" href="assets/css/templatemo-sixteen.css">
    <link rel="stylesheet" href="assets/css/owl.css">
  </head>
  <body>
    <!-- ***** Preloader Start ***** -->
    <div id="loaderbg">
      <div class="loader"></div>
    </div>
```

```
<!-- ***** Preloader End ***** -->
   <!-- Header -->
   <header class="">
     <nav class="navbar navbar-expand-lg">
       <div class="container">
         <a class="navbar-brand" href="index.html"><h2>BOOK
<em>GEEKS</em></h2></a>
         <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-
expanded="false" aria-label="Toggle navigation">
           <span class="navbar-toggler-icon"></span>
         </button>
         <div class="collapse navbar-collapse" id="navbarResponsive">
           <a class="nav-link" href="index.html">Home
                <span class="sr-only">(current)</span>
              </a>
            <a class="nav-link" href="#">All Books</a>
            <a class="nav-link" href="author.html">Author</a>
            </div>
       </div>
     </nav>
   </header>
   <!-- Page Content -->
   <div class="page-heading products-heading header-text">
     <div class="container">
       <div class="row">
         <div class="col-md-12">
           <div class="text-content">
            <h4>all of our books in one place</h4>
            <h2>books for geeks</h2>
           </div>
         </div>
       </div>
     </div>
   </div>
```

```
<div class="products">
     <div class="container">
       <div class="row">
         <div class="col-md-12">
           <div class="section-heading">
             <form id="form">
             </form>
           </div>
           <div class="row row-cols-1 row-cols-md-3 g-4" id="row">
           </div>
       </div>
     </div>
    </div>
    <div class="modal fade" id="modal" tabindex="-1" role="dialog" aria-</pre>
labelledby="exampleModalCenterTitle" aria-hidden="true">
     <div class="modal-dialog modal-dialog-centered modal-lg" role="document">
       <div class="modal-content">
         <div class="modal-header">
           <h5 class="modal-title" id="exampleModalCenterTitle">Buy a Book</h5>
           <button type="button" class="close" data-dismiss="modal" aria-</pre>
label="Close">
             <span aria-hidden="true">&times;</span>
           </button>
         </div>
         <div class="modal-body">
           <div class="card card-modal">
             <div class="px-0">
             <button data-toggle="modal" data-target="#modal"</pre>
class="bookPics"><img src="" class="img-fluid " alt="${book.img.alt}"></button>
             </div>
             <div class="card-body">
                 <div class="p-3">
                     <h4>${book.name}</h4>
                     First publish in: ${book.year}.
                     ${book.price.new}$
<s>${book.price.old}$</s>
                     ${book.shipping}
```

```
</div>
             </div>
          </div>
          </div>
          <div class="modal-footer">
            <a id="buyButton" class="btn btn-primary">Add to Cart</a>
            <input type="number" name="add" id="add-to-cart-value" min="1"</pre>
value="1" class="col-3 m-2">
          </div>
        </div>
      </div>
    </div>
    <footer>
      <div class="container">
        <div class="row">
          <div class="col-md-12">
            <div class="inner-content">
              <section class="footer">
                    Copyright © 2023 Igor Stanković - Book Geeks - <a
href="dokumentacija.pdf" target="_blank">Documetation</a>
                    <a href="sitemap.xml">Sitemap</a>
                </section>
            </div>
          </div>
        </div>
      </div>
    </footer>
    <!-- Bootstrap core JavaScript -->
    <script src="vendor/jquery/jquery.min.js"></script>
    <script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!-- Additional Scripts -->
    <script src="assets/js/custom.js"></script>
    <script src="assets/js/owl.js"></script>
    <script src="assets/js/slick.js"></script>
    <script src="assets/js/isotope.js"></script>
    <script src="assets/js/accordions.js"></script>
    <script src="assets/js/main.js"></script>
```

#### Author.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-</pre>
to-fit=no">
    <meta name="description" content="More about the auhor">
    <meta name = "keywords" content = "author, books, geeks" />
    <meta name="author" content="Igor Stanković">
href="https://fonts.googleapis.com/css?family=Poppins:100,200,300,400,500,600,700
,800,900&display=swap" rel="stylesheet">
    <link rel="icon" type="image/x-icon" href="assets/images/favicon.ico">
    <link href="assets/css/main.css" rel="stylesheet">
    <title>Book Geeks</title>
   <!-- Bootstrap core CSS -->
    <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
TemplateMo 546 Sixteen Clothing
https://templatemo.com/tm-546-sixteen-clothing
    <!-- Additional CSS Files -->
    <link rel="stylesheet" href="assets/css/fontawesome.css">
   <link rel="stylesheet" href="assets/css/templatemo-sixteen.css">
    <link rel="stylesheet" href="assets/css/owl.css">
  </head>
  <body>
   <!-- ***** Preloader Start ***** -->
    <div id="loaderbg">
        <div class="loader"></div>
    </div>
    <!-- **** Preloader End **** -->
```

```
<header class="">
       <nav class="navbar navbar-expand-lg">
        <div class="container">
          <a class="navbar-brand" href="index.html"><h2>Sixteen
<em>Clothing</em></h2></a>
          <button class="navbar-toggler" type="button" data-toggle="collapse"</pre>
data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarResponsive">
            <a class="nav-link" href="index.html">Home
                 <span class="sr-only">(current)</span>
               </a>
              <a class="nav-link" href="books.html">All Books</a>
              <a class="nav-link" href="#">Author</a>
              </div>
        </div>
       </nav>
     </header>
   <!-- Page Content -->
   <div class="page-heading about-heading header-text">
     <div class="container">
       <div class="row">
        <div class="col-md-12">
          <div class="text-content">
            <h4>about us</h4>
            <h2>our company</h2>
          </div>
        </div>
       </div>
     </div>
   </div>
```

```
<section id="contact" class="content-section">
        <div id="contact-content">
            <h1>About<br><em>The Author</em></h1>
            I you want to know more about me
        </div>
        <div class="section-content">
            <div class="tabs-content">
                <div class="wrapper">
                    <div class="item">
                        <div class="image">
                            <img src="assets/images/author.jpg" class="portfolio"</pre>
alt="author">
                            <br>
                        </div>
                        <div class="text-content">
                            My name is Igor Stanković 112/21, I am 20 years
old and i go to ICT.<br>>My Portfolio site
                        </div>
                    </div>
                </div>
           </div>
        </div>
        <br>
        <div class="section-content">
            <div class="tabs-content">
                <div class="wrapper ">
                    <a href="https://igorstankovic112.github.io/" target="blank"</pre>
class="portfolio"><img src="assets/images/portfolio.jpg"</pre>
class="portfolioPic"></a>
                </div>
           </div>
        </div>
    </section>
    <footer>
        <div class="container">
          <div class="row">
            <div class="col-md-12">
              <div class="inner-content">
                <section class="footer">
                      Copyright © 2023 Igor Stanković - Book Geeks - <a
href="dokumentacija.pdf" target="_blank">Documetation</a>
```

```
<a href="sitemap.xml">Sitemap</a>
                 </section>
             </div>
           </div>
          </div>
        </div>
     </footer>
    <!-- Bootstrap core JavaScript -->
    <script src="vendor/jquery/jquery.min.js"></script>
    <script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <!-- Additional Scripts -->
    <script src="assets/js/custom.js"></script>
    <script src="assets/js/owl.js"></script>
    <script src="assets/js/slick.js"></script>
    <script src="assets/js/isotope.js"></script>
    <script src="assets/js/accordions.js"></script>
    <script src="assets/js/main.js"></script>
    <script language = "text/Javascript">
     cleared[0] = cleared[1] = cleared[2] = 0; //set a cleared flag for each
field
     function clearField(t){
                                               //declaring the array outside of
     if(! cleared[t.id]){
                                               // function makes it static and
global
         cleared[t.id] = 1; // you could use true and false, but that's more
typing
                             // with more chance of typos
         t.value='';
         t.style.color='#fff';
    </script>
  </body>
</html>
```

#### Css - main.scss

```
.card{
    img{
        height: 350px;
        width: 100%;
    align-items: center!important;
    border-color: white!important;
    .card-body{
        text-align: center;
.card-deck{
    margin: 0 auto!important;
    width: 100%;
.row{
    justify-content: space-around;
    a:hover{
        background-color: #f33f3f!important;
        color: white!important;
    .price{
        color: #f33f3f;
#buyButton{
    background-color: #232323;
    color: white;
    padding-left: 15px!important;
    padding-right: 15px!important;
    border: 0px;
.modal-footer{
    a:hover{
        background-color: #f33f3f!important;
```

```
.card{
    img:hover{
        box-shadow: 0 0 10px #515151;
#loaderbg{
    position: fixed;
    z-index: 999999;
    background-color: white;
    background-image: url("../images/preloader.gif");
    background-repeat: no-repeat;
    background-position: center;
    width: 100%;
    height: 100%;
.ddl{
    width: 180px;
    margin-left: 10px;
#label{
    margin-left: 15px;
.greskaForm{
    color:red;
    font-size: 14px;
    float:left;
    font-weight: 600;
    margin-left: 12px;
.hide{
    visibility: hidden;
    padding-left: 30px;
.greskaRadio{
    color: red;
    font-size: 18px;
    font-weight: 600;
```

```
.sentFormText{
    color: #f33f3f;
    font-size: 20px;
.greskaTb{
   color: red;
   font-size: 18px;
    font-weight: 600;
.content-section {
    padding-top: 80px;
   display: inline-block;
   height: auto;
   text-align: center;
#contact {
    padding-top: 0px;
   text-align: center;
  #contact-content {
   padding: 80px 60px;
  #contact input {
   border-radius: 0px;
   padding-left: 15px;
   font-size: 13px;
    color: #aaa;
    background-color: #f4f4f4;
    border: 1px solid #eee;
    outline: none;
    box-shadow: none;
    line-height: 40px;
   height: 40px;
   width: 100%;
    margin-bottom: 25px;
  #contact textarea {
   border-radius: 0px;
   padding-left: 15px;
```

```
padding-top: 10px;
  font-size: 13px;
  color: #aaa;
 background-color: #f4f4f4;
  border: 1px solid #eee;
 outline: none;
 box-shadow: none;
 height: 200px;
 max-height: 250px;
 width: 100%;
 max-width: 100%;
 margin-bottom: 25px;
#contact button {
 font-size: 13px;
 border-radius: 0px;
 font-weight: 600;
 color: #fff;
 text-transform: capitalize;
 background-color: #f33f3f;
 display: inline-block;
 height: 44px;
 line-height: 24px;
 outline: none;
 box-shadow: none;
 width: 100%;
 letter-spacing: 0.25px;
 text-decoration: none;
 transition: all 0.3s;
#contact button:hover {
 color: #232323;
 background-color: #f4f4f4;
.section-heading {
 text-align: left;
 position: relative;
 margin-bottom: 60px;
```

```
.section-heading h1 {
    margin-top: 0px;
    font-size: 32px;
    color: #232323;
    display: inline-block;
    margin-right: 50px;
  .section-heading em {
    font-style: normal;
    font-weight: 700;
    color: #f33f3f;
  .section-heading p {
    display: inline-block;
    font-size: 15px;
    line-height: 26px;
    color: #343434;
    position: absolute;
    top: 12.5px;
#contact{
    display: flex;
    flex-direction: column;
    align-items: center;
.portfolioPic {
        float: none;
        width: 80%!important;
        margin-bottom: 15px;
@media (max-width: 768px) {
    .portfolioPic {
        float: none;
        width: 90%!important;
        margin-bottom: 15px;
    .card-modal{
        flex-direction: column!important;
        text-align: center!important;
        flex-wrap: wrap;
```

```
justify-content: center;
.bookPics{
    border: 0;
    background-color: white;
.card-modal{
    display: flex;
    flex-direction: row!important;
.modalPic{
    width: 200px!important;
.modal-bod{
    width: 50%!important;
.bold{
    font-weight: bold;
.modal-footer{
    justify-content: center!important;
#add-to-cart-value{
    width: 120px!important;
.p-3{
    a:hover{
        background-color: #f33f3f!important;
```

## Js - main.js

```
let url = window.location.pathname;
// upis json fajla u local storage
window.onload = function(){
    ajaxCallback("books",function(result){
        toLocalStorage("books", result);
    });
    var everyBook = getFromLocalStorage("books");
    print(everyBook);
$("#loaderbg").animate({
    'opacity': '0'
}, 1400, function(){
    setTimeout(function(){
        $("#loaderbg").css("visibility", "hidden").fadeOut();
    }, 300);
});
function checkBookHtml(){
    if(url=="/books.html" || url=="/BookGeeks/books.html") return true;
};
function checkIndexHtml(){
    if(url=="/index.html" || url=="/BookGeeks/index.html" || url=="/BookGeeks/")
return true;
};
function toLocalStorage(name, data){
    localStorage.setItem(name, JSON.stringify(data));
};
function getFromLocalStorage(name){
    let item = localStorage.getItem(name);
    if(item){
        parsedItem = JSON.parse(item);
        if(parsedItem.length > 0){
            return parsedItem;
    return false;
function ajaxCallback(file, result){
    $.aiax({
```

```
url: "assets/data/" + file + ".json",
        method: "GET",
        dataType:"json",
        success: result,
        error: function(jqXHR, exception){
            // console.log(jqXHR);
            var msg = '';
            if (jqXHR.status === 0) {
            msg = 'Not connect.\n Verify Network.';
            } else if (jqXHR.status == 404) {
            msg = 'Requested page not found. [404]';
            } else if (jqXHR.status == 500) {
            msg = 'Internal Server Error [500].';
            } else if (exception === 'parsererror') {
            msg = 'Requested JSON parse failed.';
            } else if (exception === 'timeout') {
            msg = 'Time out error.';
            } else if (exception === 'abort') {
            msg = 'Ajax request aborted.';
            msg = 'Uncaught Error.\n' + jqXHR.responseText;
            alert(msg);
    });
//pagination
var numOfBooks = 0;
var page = document.getElementById("row");
function print(data){
    //console.log(data);
   data = latestBooks(data);
    if(checkBookHtml()) data = hotBooks(data);
    data = allBooks(data);
    if(checkBookHtml()) data = authorFilter(data);
    if(checkBookHtml()) data = featuredBooks(data);
    if(checkBookHtml()) data = newBooks(data);
   if(checkBookHtml()) data = sortiranje(data);
    if(checkBookHtml()) data = freeShip(data);
    var picture = [];
    let brojac = 1;
```

```
let html = `<div class="card-deck">`;
   data.forEach(book => {
       numOfBooks++;
       html +=`<div class="card" onclick="createModal(${book.id})">
                   <div class="px-0">
                   <button data-toggle="modal" data-target="#modal"</pre>
class="bookPics"><img src="${book.img.src}" class="img-fluid picsBut"</pre>
alt="${book.img.alt}"></button>
                  </div>
                   <div class="card-body">
                      <div class="p-3">
                          <h4>${book.name}</h4>
                          First publish in: ${book.year}.
                          ${book.price.new}$
<s>${book.price.old}$</s>
                          ${book.shipping}
                      </div>
                   </div>
               </div>`
       if(brojac ==3) {
           html += `</div><div class="card-deck">`;
           brojac = 1;
       else brojac++;
);
   console.log(numOfBooks);
   html +=`</div>`
   page.innerHTML += html;
};
```

```
function createModal(id){
   let modalbooks = getFromLocalStorage("books");
   let html = "";
   console.log(id);
   for(book of modalbooks){
       if(book.id == id){
           html = `<div class="modal-dialog modal-dialog-centered modal-lg"</pre>
role="document">
                      <div class="modal-content" id="modals">
                          <div class="modal-header">
                              <h5 class="modal-title"
id="exampleModalCenterTitle">Buy a Book</h5>
                              <button type="button" class="close" data-</pre>
dismiss="modal" aria-label="Close">
                              <span aria-hidden="true">&times;</span>
                              </button>
                          </div>
                          <div class="modal-body">
                              <div class="card card-modal">
                                  <div class="px-0 modalPic">
                                      <button data-toggle="modal" data-</pre>
target="#modal" class="bookPics"><img src="${book.img.src}" class="img-fluid</pre>
modalPic" alt="${book.img.alt}"></button>
                                  <div class="card-body modal-bod">
                                      <div class="p-3">
                                         <h4>${book.name}</h4>
                                         Description:
${book.description}
                                         h3">${book.price.new}$ <s>${book.price.old}$</s>
                                         Stock:
${book.stock}
                                         ${book.shipping}
                                      </div>
                                  </div>
                              </div>
                          </div>
```

```
</div>
                    </div>`
    document.getElementById("modal").innerHTML = html;
    //$("#modal").append(html);
function latestBooks(books){
    let latest = [];
    latest = books.filter(book => book.latest == 1);
    if(checkIndexHtml()){
        console.log(latest);
        return latest;
    else return books;
function allBooks(books){
    let latest = [];
    latest = books;
    if(checkBookHtml()){
        return latest;
    else return books;
};
//checkboxes and ddl
let form = document.getElementById("form");
let categoryList = ["All books","Hot","Featured","New"]
let authorList = ["Choose author","J.R.R. Tolkien","George R.R. Martin"]
let sortByList = ["SORT BY", "Lowest Price", "Highest Price", "Year Published"];
function ddl(list, id){
    let html = "";
    html = `<select id="${id}" class="ddl">`;
    for (let i = 0; i < list.length; i++){</pre>
        html +=
            <option value="${i}">${list[i]}</option>
```

```
html += `</select>`;
    return html;
function cb(value,id){
    let html ="";
    html += `<label for="${id}" id="label">${value}</label>
            <input type="checkbox" name="cb1" id="${id}" class="${id}"</pre>
value="1">`
    return html;
if(checkBookHtml()) form.innerHTML += ddl(categoryList, "category");
if(checkBookHtml()) form.innerHTML += ddl(authorList, "author");
if(checkBookHtml()) form.innerHTML += ddl(sortByList, "sort");
if(checkBookHtml()) form.innerHTML += cb("Free-shipping", "cb1");
if(checkBookHtml()) form.innerHTML += cb("In stock", "cb2");
//sorting
if(checkBookHtml()){
    let sortSelected = document.getElementById("sort");
    var sortValue = sortSelected.value;
    sortSelected.addEventListener("change", function(){
        sortValue = sortSelected.value;
        console.log(sortValue);
        print(getFromLocalStorage("books"));
    })
function sortiranje(books){
    let sorted = [];
    let sortedValue = sortValue;
    switch(sortedValue){
        default:
                    sorted = books;
                    return books;
        case "1": sorted = books.sort(function(a, b){
                        let cena1 = a.price.new;
                        let cena2 = b.price.new;
                        return cena1 - cena2;
                    });
                    return sorted;
        case "2":
                    sorted = books.sort(function(a, b){
                        let cena1 = a.price.new;
                        let cena2 = b.price.new;
```

```
return cena2 - cena1;
                    });
                    return sorted;
                    sorted = books.sort(function(a, b){
        case "3":
                        let year1 = new Date(a.year);
                        let year2 = new Date(b.year);
                        return new Date(a.year) - new Date(b.year);
                    });
                    return sorted;
//free shipping filter
if(checkBookHtml()){
   let checkBox1 = document.getElementById("cb1");
   var valueCb1 = checkBox1.value;
   checkBox1.addEventListener("change",function(){
        valueCb1 = checkBox1.value;
        print(getFromLocalStorage("books"));
    })
function freeShip(books){
    let shiping = [];
    shiping = books.filter(book => book.shipping == "Free shipping");
    let checkBox1 = document.getElementById("cb1");
    if(checkBox1.checked){
        return shiping;
    else return books;
//category filter
if(checkBookHtml()){
    let selectedCategory = document.getElementById("category");
    var valueOfselectedCategory = selectedCategory.value;
    console.log(valueOfselectedCategory);
    selectedCategory.addEventListener("change", function(){
    valueOfselectedCategory = selectedCategory.value;
    console.log(valueOfselectedCategory);
    print(getFromLocalStorage("books"));
    })
};
function hotBooks(books){
```

```
let hot = [];
    hot = books.filter(book => book.hot == 1);
    if (valueOfselectedCategory == 1){
        console.log(hot);
        return hot;
    else return books;
function featuredBooks(books){
    let featured = [];
    featured = books.filter(book => book.featured == 1);
    if (valueOfselectedCategory == 2){
        console.log(featured);
        return featured;
    else return books;
function newBooks(books){
    let newBooks = [];
    newBooks = books.filter(book => book.new == 1);
    if (valueOfselectedCategory == 3){
        console.log(newBooks);
        return newBooks;
    else return books;
//author filter
if(checkBookHtml()){
    let selectedAuthor = document.getElementById("author");
    var valueOfselectedAuthor = selectedAuthor.value;
    var textAuthor = selectedAuthor.options[selectedAuthor.selectedIndex].text
    console.log(textAuthor);
    console.log(valueOfselectedAuthor);
    selectedAuthor.addEventListener("change", function(){
    valueOfselectedAuthor = selectedAuthor.value;
    textAuthor = selectedAuthor.options[selectedAuthor.selectedIndex].text
    console.log(valueOfselectedAuthor);
    console.log(textAuthor);
```

```
print(getFromLocalStorage("books"));
    })
};
function authorFilter(books){
    let authors = [];
    authors = books.filter(author => author.author == textAuthor);
    console.log(authors);
    if (valueOfselectedAuthor == 0){
        authors = books;
    return authors;
//form
if(checkIndexHtml()){
let regexName = /^[A-ZČĆŠĐŽ][a-zčćšđž]{2,15}(\s[A-ZČĆŠĐŽ][a-zčćšđž]{2,15})?(\s[A-
ZČĆŠĐŽ][a-zčćšđž]{2,20})\s*$/;
let textName = document.getElementById('name');
fieldName = document.getElementById('nameErorr');
textName.addEventListener('blur', checkName);
function checkName() {
    let name = textName.value;
    name.replace(/\s\s+/g, ' ');
    if (!regexName.test(name)) {
        fieldName = document.getElementById('nameErorr');
        if (name == "" || !name.trim()) {
            fieldName.innerHTML = "You didn't fill out your name!";
        else {
            fieldName.innerHTML = "You've entered name in the wrong format!
(example: Michael Scott)";
        fieldName.classList.remove('hide');
        return false;
    if (regexName.test(name)) {
        let fieldName = document.getElementById('nameErorr');
        fieldName.classList.add('hide');
        return true;
    }
let regexMail = /^[\w-.]+@([\w-]+.)+[\w-]{2,4}$/;
let textEmail = document.getElementById('email');
```

```
textEmail.addEventListener('blur', checkEmail);
function checkEmail() {
    let email = textEmail.value;
    if (!regexMail.test(email)) {
        let fieldEmail = document.getElementById('mailErorr');
        if (email == "" || !email.trim())
            fieldEmail.innerHTML = "You didn't fill out your email!";
        else
            fieldEmail.innerHTML = "Email is in wrong format! (example:
michael@gmail.com)";
        fieldEmail.classList.remove('hide');
        return false;
    if (regexMail.test(email)) {
        let fieldEmail = document.getElementById('mailErorr');
        fieldEmail.classList.add('hide');
        return true;
let forma = document.getElementById("form-submit");
forma.addEventListener("click", function(){
    let text = document.getElementById("message").value;
    let ime = checkName();
    let mail = checkEmail();
    let r1 = document.getElementById("firstRadio");
    let r2 = document.getElementById("secondRadio");
    let cb1 = document.getElementById("cb1");
    console.log(cb1);
    let cb2 = document.getElementById("cb2");
    let cb3 = document.getElementById("cb3");
    let cb4 = document.getElementById("cb4");
    if(r1.checked | r2.checked){
        document.getElementById("radioError").classList.add("hide");
   else{
        document.getElementById("radioError").classList.remove("hide");
    if (text == "") {
        document.getElementById("textError").classList.remove("hide");
        document.getElementById("sentForm").classList.add("hide");
    if (text != "") {
```

```
document.getElementById("textError").classList.add("hide");
    if(cb1.checked || cb2.checked || cb3.checked || cb4.checked){
        document.getElementById("tbError").classList.add("hide");
    }
    else{
        document.getElementById("tbError").classList.remove("hide");
    if (text != "" && checkEmail() && checkName() && (r1.checked || r2.checked)
&& (cb1.checked || cb2.checked || cb3.checked || cb4.checked)) {
        document.getElementById("sentForm").classList.remove("hide");
        document.getElementById("contact").reset();
    else {
        document.getElementById("sentForm").classList.add("hide");
});
let portfolio = document.getElementsByClassName("portfolio");
console.log(portfolio)
for (let i = 0; i < portfolio.length; i++) {</pre>
    portfolio[i].addEventListener("mouseover", () => {
        portfolio[i].classList.add("effect");
    });
for (let i = 0; i < portfolio.length; i++) {</pre>
    portfolio[i].addEventListener("mouseout", () => {
        portfolio[i].classList.remove("effect");
    });
```

## Json – book.json

```
[{
    "id":1.
    "name": "The Fellowship Of The Ring",
    "category": "Fantasy",
    "author": "J.R.R. Tolkien",
    "img":{
        "src": "assets/images/fellowship.jpg",
        "alt": "fellowshipOfTheRing"
    "price":{
        "old":"12.99",
        "new":"9.99"
    "description": "The first part of J. R. R. Tolkien's epic adventure THE LORD
OF THE RINGS In a sleepy village in the Shire, a young hobbit is entrusted with
an immense task. He must make a perilous journey across Middle-earth to the
Cracks of Doom, there to destroy the Ruling Ring of Power.",
    "stock":20,
    "shipping": "Free shipping",
    "year":"1954",
    "rating":"5",
    "numberOfReviews":"54",
    "latest":1,
    "new":1,
    "featured":1,
    "hot":1
},
    "id":2,
    "name": "The Two Towers",
    "category": "Fantasy",
    "author": "J.R.R. Tolkien",
    "img":{
        "src": "assets/images/twoTowers.jpg",
        "alt":"twoTowers"
    },
    "price":{
        "old":"12.99",
        "new":"9.99"
    "description": "The second part of J.R.R. Tolkien's epic adventure THE LORD OF
THE RINGS The company of the Ring is torn asunder. Frodo and Sam continue their
```

```
journey alone down the great River Anduin - alone, that is, save for the
mysterious creeping figure that follows wherever they go.",
    "stock":20,
    "shipping": "Free shipping",
    "year":"1954",
    "rating":"4.8",
    "numberOfReviews": "44",
    "latest":0,
    "new":1,
    "featured":1,
    "hot":0
    "id":3,
    "name": "The Return Of The King",
    "category": "Fantasy",
    "author": "J.R.R. Tolkien",
    "img":{
        "src": "assets/images/returnoftheking.jpg",
        "alt": "returnOfTheKing"
    },
    "price":{
        "old":"12.99",
        "new":"9.99"
    "description": "The third part of J.R.R. Tolkien's epic adventure THE LORD OF
THE RINGS The armies of the Dark Lord are massing as his evil shadow spreads even
wider. Men, Dwarves, Elves and Ents unite forces to battle against the Dark.
Meanwhile, Frodo and Sam struggle further into Mordor.",
    "shipping": "Free shipping",
    "stock":19,
    "year":"1955",
    "rating": "4.9",
    "numberOfReviews":"64",
    "latest":0,
    "new":1,
    "featured":1,
    "hot":0
    "id":4,
    "name": "The Shadow Of The Gods",
    "category": "Fantasy",
```

```
"author":"John Gwynne",
    "img":{
        "src": "assets/images/shadowGods.jpg",
        "alt": "shadowGods"
    "price":{
        "old":"10.99",
        "new":"8.99"
    },
    "description": "Set in a brand-new, Norse-inspired world, and packed with
myth, magic and bloody vengeance, The Shadow of the Gods begins an epic new
fantasy saga from bestselling author John Gwynne.",
    "shipping": "Shiping: 2.9$",
    "stock":17,
    "year": "2021",
    "rating":"4.7",
    "numberOfReviews": "34",
    "latest":1,
    "new":1,
    "featured":1,
    "hot":0
},
    "id":5,
    "name": "The Hunger Of The Gods",
    "category": "Fantasy",
    "author": "John Gwynne",
    "img":{
        "src": "assets/images/hungerGods.jpg",
        "alt": "hungerGods"
    },
    "price":{
        "old":"10.99",
        "new":"8.99"
    "description": "The Hunger of the Gods continues John Gwynnes acclaimed Norse-
inspired epic fantasy series, packed with myth, magic and bloody vengeance.",
    "shipping": "Shiping: 2.8$",
    "stock":16,
    "year": "2022",
    "rating":"4.6",
    "numberOfReviews": "24",
    "latest":0,
    "new":1,
    "featured":0.
```

```
"hot":0
    "id":6,
    "name": "Dune",
    "category": "Sci-Fi",
    "author": "Frank Herbert",
    "img":{
        "src": "assets/images/dune.jpg",
        "alt":"dune"
    "price":{
        "old":"15.99",
        "new":"13.99"
    },
    "description": "Set on the desert planet Arrakis, Dune is the story of the boy
Paul Atreides, heir to a noble family tasked with ruling an inhospitable world
where the only thing of value is the "spice" melange, a drug capable of extending
life and enhancing consciousness. Coveted across the known universe, melange is a
prize worth killing for...",
    "shipping": "Free shipping",
    "stock":30,
    "year": "1965",
    "rating":"4.8",
    "numberOfReviews": "44",
    "latest":1,
    "new":1,
    "featured":0,
    "hot":1
},
    "id":7,
    "name": "Foundation",
    "category": "Sci-Fi",
    "author": "Isac Asimov",
    "img":{
        "src": "assets/images/foundation.jpg",
        "alt": "foundation"
    },
    "price":{
        "old":"8.99",
        "new":"6.99"
    "description": "For twelve thousand years the Galactic Empire has ruled
supreme. Now it is dying. But only Hari Seldon, creator of the revolutionary
```

```
science of psychohistory, can see into the future--to a dark age of ignorance,
barbarism, and warfare that will last thirty thousand years.",
    "shipping": "Free shipping",
    "stock":35,
    "year":"1951",
    "rating":"4.8",
    "numberOfReviews": "44",
    "latest":1,
    "new":1,
    "featured":0,
    "hot":0
},
    "id":8,
    "name": "The Way Of Kings",
    "category": "Fantasy",
    "author": "Brandon Sanderson",
    "img":{
        "src": "assets/images/wayofkings.jpg",
        "alt": "wayofkings"
    },
    "price":{
        "old":"13.99",
        "new":"10.99"
    },
    "description": "From #1 New York Times bestselling author Brandon Sanderson,
The Way of Kings, book one of The Stormlight Archive begins an incredible new
saga of epic proportion.",
    "shipping": "Shiping: 3.9$",
    "stock":35,
    "year": "2010",
    "rating":"4.9",
    "numberOfReviews": "54",
    "latest":1,
    "new":1,
    "featured":1,
    "hot":0
},
    "id":9,
    "name": "All Systems Red",
    "category": "Sci-Fi",
    "author": "Martha Wells",
    "img":{
        "src": "assets/images/systemsRed.jpg",
```

```
"alt": "systemsRed"
    },
    "price":{
        "old":"10.99",
        "new":"8.99"
    "description": "In a corporate-dominated space-faring future, planetary
missions must be approved and supplied by the Company. For their own safety,
exploratory teams are accompanied by Company-supplied security androids. But in a
society where contracts are awarded to the lowest bidder, safety isn't a primary
concern.",
    "shipping": "Shiping: 1.9$",
    "stock":15,
    "year": "2017",
    "rating": "4.4",
    "numberOfReviews": "34",
    "latest":0,
    "new":0,
    "featured":1,
    "hot":0
},
    "id":10,
    "name": "Left Hand Of Darkness",
    "category": "Sci-Fi",
    "author": "Ursula K. Le Guin",
    "img":{
        "src": "assets/images/handDarkness.jpg",
        "alt": "leftHandOfDarkness"
    "price":{
        "old":"9.99",
        "new":"7.99"
    "description": "A groundbreaking work of science fiction, The Left Hand of
Darkness tells the story of a lone human emissary to Winter, an alien world whose
inhabitants can choose - and change - their gender. His goal is to facilitate
Winter's inclusion in a growing intergalactic civilization.",
    "shipping": "Free shipping",
    "stock":0,
    "year":"1969",
    "rating":"4.3",
    "numberOfReviews": "27",
    "latest":0,
    "new":1.
```

```
"featured":0,
    "hot":1
    "id":11,
    "name":"One Dark Window",
    "category": "Fantasy",
    "author": "Rachel Gillig",
    "img":{
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great leaders-Lord Eddard Stark and Robert Baratheon-who hold sway over an age of
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