

Visoka škola strukovnih studija za informacione i komunikacione  
tehnologije

# DOKUMENTACIJA

## Web programiranje 2

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Smer: Internet tehnologije

Modul: Web programiranje

Predmet: Web programiranje 2

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# 1. Uvod

## 1.1 Korišćeni programski jezici i tehnologije

Za izradu sajta korišćeno je: HTML, CSS, javaScript, jQuery, AJAX, JSON, XML

## 1.2 Opis funkcionalnosti

Dinamičko ispisivanje AJAX-om iz JSON fajlova:

- Navigacioni meni u header-u
- Društvene mreže
- Proizvodi
- Checkbox-ova za filtriranje

Mogućnost filtriranja po kategoriji, autoru, izdavacu

Mogućnost sortiranja po ceni ili nazivu

Mogućnost pretrage proizvoda po nazivu

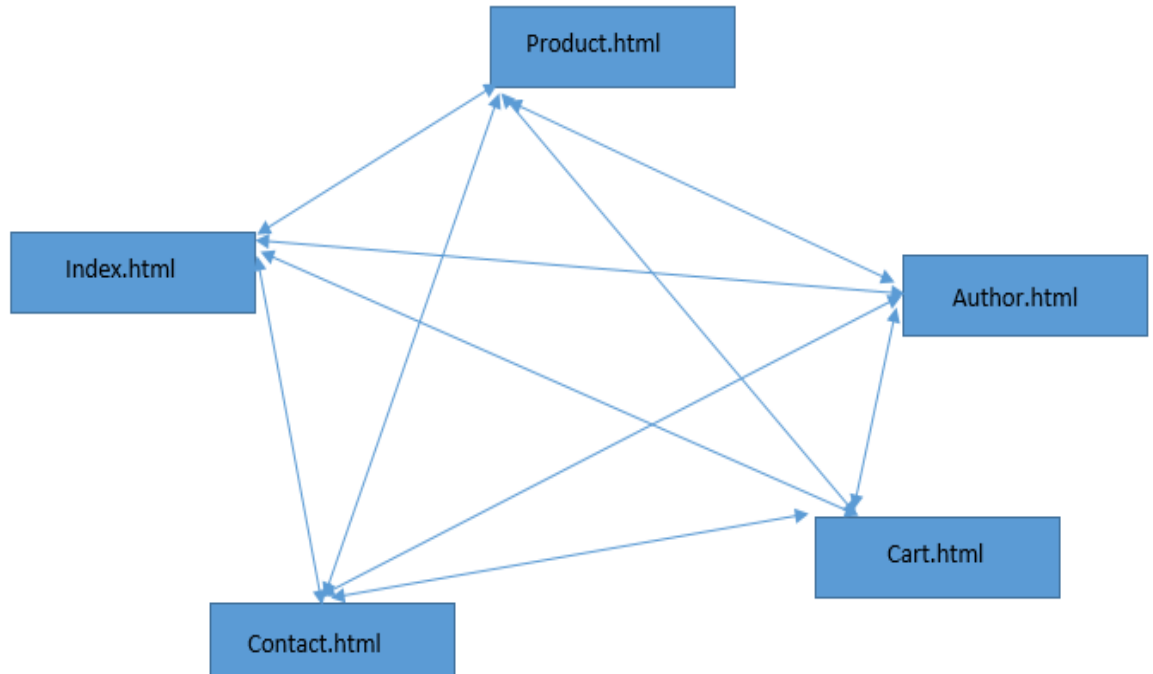
Ispisivanje proizvoda u korpi, mogućnost povećanja/smanjenja količine proizvoda ili brisanje pojedinačnog proizvoda iz korpe

## 1.3 Template

Za izradu sajta nije korišćen template

## 2. Organizaciona šema

### 2.1 Organizaciona šema



## 2.2 Mapa sajta

```
<?xml version="1.0" encoding="UTF-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">

<url>
<loc>https://jokovicanastasija123.github.io/BOOKstoRee/index.html</loc>
<lastmod>09-03-2021</lastmod>
<changefreq>daily</changefreq>
<priority>1</priority>
</url>

<url>
<loc>https://jokovicanastasija123.github.io/BOOKstoRee/products.html</loc>
<lastmod>09.03.2021</lastmod>
<changefreq>monthly</changefreq>
<priority>0.9</priority>
</url>

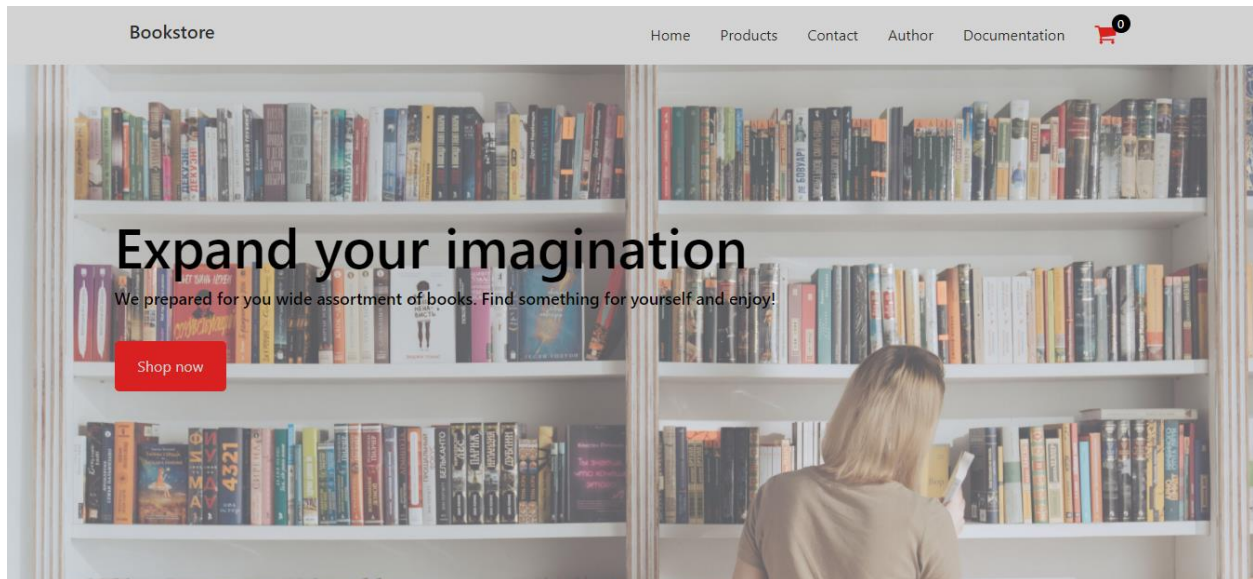
<url>
<loc>https://jokovicanastasija123.github.io/BOOKstoRee/cart.html</loc>
<lastmod>09-03-2021</lastmod>
<changefreq>monthly</changefreq>
<priority>0.8</priority>
</url>

<url>
<loc>https://jokovicanastasija123.github.io/BOOKstoRee/contact.html</loc>
<lastmod>09-03-2021</lastmod>
<changefreq>monthly</changefreq>
<priority>0.7</priority>
</url>

<url>
<loc>https://jokovicanastasija123.github.io/BOOKstoRee/author.html</loc>
<lastmod>09-03-2021</lastmod>
<changefreq>monthly</changefreq>
<priority>0.6</priority>
</url>
</urlset>
```


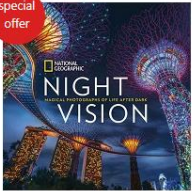
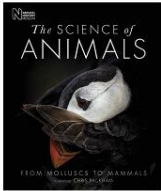

## 2.3. Slike stranica I opis funkcionalnosti

### 2.3.1 index.html



Navigacioni meni je učitani i ispisan dinamički AJAX-om iz JSON fajla. U krugu pored korpe korisniku se prikazuje koliko proizvoda ima u korpi.

#### New in store

			
<b>The cyberiad</b> by Stanislaw Lem	<b>Night vision</b> by National Geographic	<b>The science of animals</b> by DK	<b>Journey</b> by DK
Fantasy	Popular science	Popular science	Travel
<b>\$13.99</b> <del>\$15.99</del> Free shipping	<b>\$22.99</b> <del>\$30.99</del> Free shipping	<b>\$28.99</b> <del>\$32.99</del>	<b>\$17.99</b> <del>\$19.99</del>
<a href="#">add to cart</a>	<a href="#">add to cart</a>	<a href="#">add to cart</a>	<a href="#">add to cart</a>



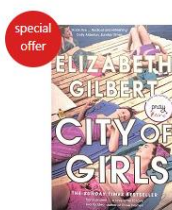
U sekciji new in store dinamički se ipisuju knjige koje su nove u knižari.

## Special offers



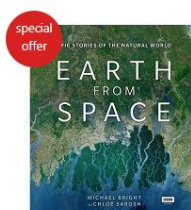
**Night vision**  
by National Geographic  
Popular science  
**\$22.99** ~~\$30.99~~  
Free shipping

add to cart



**City of girls**  
by Elizabeth Gilbert  
Travel  
**\$12.99** ~~\$18.99~~  
Free shipping

add to cart



**Earth from space**  
by Michael Bright  
Popular science  
**\$25.99** ~~\$35.99~~

add to cart



**Create winning agreements**  
by Gavin Presman  
Popular psychology  
**\$16.99** ~~\$25.99~~  
Free shipping

add to cart




U sekciji special offers dinamički su ispisane knjige koje imaju specijalnu ponudu učitane iz JSON fajla.


Lista sa društvenim mrežama je dinamički ispisana iz JSON fajla.




## 2.3.2 products.html

Search by title 

Sort

Price 

Title 

Author

☐ Stanislaw Lem

☐ National Geographic

☐ DK


☐ Elizabeth Gilbert

☐ Michael Bright

☐ Gavin Presman

☐ Jack Challoner


All books




**The cyberiad**  
by Stanislaw Lem

Fantasy

**\$13.99** ~~\$15.99~~

 Free shipping


add to cart



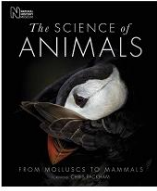
**Night vision**  
by National Geographic

Popular science

**\$22.99** ~~\$30.99~~

 Free shipping

add to cart

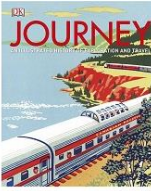


**The science of animals**  
by DK

Popular science

**\$28.99** ~~\$32.99~~

add to cart



**Journey**  
by DK


Travel

**\$17.99** ~~\$19.99~~


add to cart


Dinamički se učitavaju proizvodi i checkbox-ovi za filtriranje. U zavisnosti od filtera, sortiranja i pretrage prikazuju se proizvodi.

Može se filtrirati po autoru, izdavaču, kategoriji ili specijalnoj ponudi.

Search by title 

Sort

Price 

Title 

Author

☐ Stanislaw Lem

☐ National Geographic

☐ DK

☐ Elizabeth Gilbert

☐ Michael Bright

☐ Gavin Presman

☐ Jack Challoner

☐ Robin Hobb

☐ Koji Suzuki

Category

☐ Fantasy

☐ Popular science

☐ Travel

☐ Fiction

☐ Popular psihology

Publisher

☐ Penguin

☐ National Geographic

☐ DK

☐ Bloomsbery

☐ BBC

☐ ICON

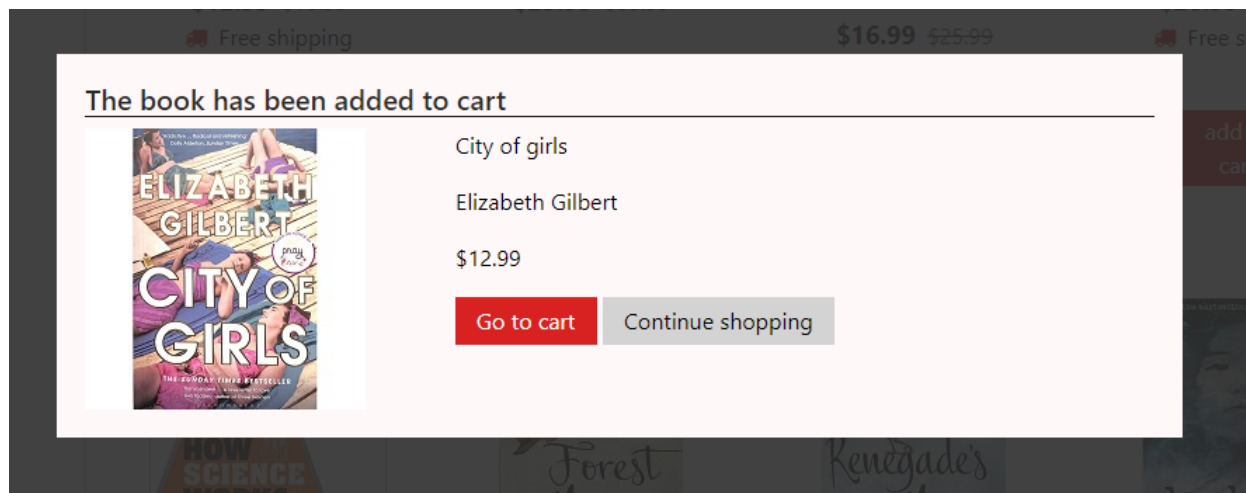
☐ Carlton Books

☐ Harpercollins

Special offer

☐ Special offers

Klikom na dugme “add to cart” otvara se modal u kom se ispisuje poruka da je proizvod uspesno dodat u korpu, zajedno sa slikom, nazivom, autorom i cenom knjige. Korisniku se daje mogućnost da izabere da li će otići u korpu ili nastaviti sa kupovinom.

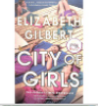



Klikom na neku od slika proizvoda pojavljuje se modal sa opširnijim informacijama. Klikom na dugme “add to cart” pojavljuje se isti modal sa slike iznad.



### 2.3.3 cart.html

#### Cart

	PRODUCT	PRICE	QUANTITY	TOTAL	REMOVE
	City of girls by: Elizabeth Gilbert	\$12.99	1 <div>+ -</div>	\$12.99	<div>remove</div>
	Earth from space by: Michael Bright	\$25.99	1 <div>+ -</div>	\$25.99	<div>remove</div>
				<b>Total: \$38.98</b>	<div>BUY</div>

Na stranici cart.html korisniku se u tabelarnom formatu prikazuju proizvodi koje je dodao u korpu. Na dugme +/- kolicina izabranog proizvoda se povećava/smanjuje. Korisnik ima mogućnost da ukloni pojedinačni proizvod iz korpe.

#### Cart

Your cart is empty


Continue shopping

Izgled stranice cart.html kada u korpi nema proizvoda. Klik na dugme “continue shopping” vraća korisnika na stranicu products.html.

## 2.3.4 contact.html

### Get in touch

---

<input type="text" value="First and last name"/>	<input type="text" value="Email"/>	
<div><div>Message</div><div></div></div>		<div><div> 296-244 W College St, Los Angeles, CA 90012, USA</div><div> (213) 509-6995</div><div> Mon-Fri 9am-5pm</div></div>
<div>SEND</div>		

Podaci iz forme se proveravaju javaScript-om na svaki uneti karakter. Sve dok se unese ispravan podatak korisniku će se ispod polja na koje je pozicioniran ispisati koji format podatka se traži. Nakon što podaci prođu validaciju korisniku se ispisuje poruka o uspešno poslatoj poruci.

## 2.3.5 author.html

### Author

---

My name is Anastasija Joković. I was born 23.02.2000. in Lučani.

In 2015 I finished primary school 'OŠ Milan Blagojević' in Lučani. Then, in 2019 I graduated from high school 'Srednja tehnička PTT škola' in Belgrade.

Currently, I'm student of ICT College.



## 3. Kodovi

### 3.1.1 index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="Books,Paper,Read,Library,Bookstore">
  <meta name="description" content="In our wide assortment you can find amazing books that will make your day even better! High quality paper will increase your enjoyment while reading. ">
  <title>Bookstore</title>

  <!--Bootstrap-->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <!--Font awesome -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!--Custom CSS-->
  <link rel="stylesheet" href="assets/css/style-min.css" type="text/css"/>

  <!--Favicon-->
  <link rel="icon" type="image/ico" href="assets/img/favicon.ico"/>
</head>
<body>

  <!--Scroll top button -->
  <a id="scrollToTop" href="#">
    <i class="fa fa-angle-double-up"></i>
  </a>
  <!-- End of scroll top button -->

  <!--Navigation-->
  <div class="container-fluid navigation-wrap">
    <div class="container">
      <nav class="navbar navbar-expand-lg navbar-light d-flex">
```

```

        <h1 class="navbar-brand"><a href="index.html">Bookstore</a></h1>
        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navigation" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navigation">
            <ul class="navbar-nav ml-auto">
            </ul>
        </div>
    </nav>
</div>
<!--End of navigation-->

<div class="container-fluid slider">
    <div class="container">
        <h1>Expand your imagination</h1>
        <p>We prepared for you wide assortment of books. Find something for
yourself and enjoy!</p>
        <button class='mt-3'><a href="products.html">Shop now</a> </button>
    </div>
</div>

<!--Single Product-->
<div class="container-fluid singleProduct ">

</div>
<!--End of single product-->

<!--Modal for products when they are added to cart-->
<div class="container-fluid modal">
</div>
<!--End of modal-->

<!--New books-->
<div class="container newb">
    <h2 class="text-center mb-5 mt-2">New in store</h2>
    <div id="newBooks" class="mb-2">
    </div>
</div>
<!--End of new books-->

```



```

<!--Special offers-->
<div class="container">
  <h2 class="text-center mb-5 mt-2">Special offers</h2>
  <div id="specialOffers" class="mb-2">
  </div>
</div>
<!--End of special offers-->

<!--Footer-->
<div class="container-fluid pt-2 pb-2" id="footer">
  <div class="container row">
    <span class="col-sm-10 col-12 text-sm-left text-center"> &copy; 2021 Anastasija Jokovic. All rights reserved</span>
    <ul class="d-flex justify-content-between col-sm-2 col-4 text-sm-right text-center social">
    </ul>
  </div>
</div>
<!--End of footer-->

<!--jQuery-->
<script src="https://code.jquery.com/jquery-3.5.1.min.js" integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></script>

<!--Bootstrap-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1" crossorigin="anonymous"></script>

<!--Custom JS-->
<script src="assets/js/main-min.js" type="text/javascript"></script>
</body>
</html>

```

### 3.1.2 products.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="Books,Paper,Read,Library,Bookstore">
  <meta name="description" content="In our wide assortment you can find amazing books that will make your day even better! High quality paper will increase your enjoyment while reading. ">
  <title>Bookstore</title>

  <!--Bootstrap-->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <!--Font awesome -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!--Custom CSS-->
  <link rel="stylesheet" href="assets/css/style-min.css" type="text/css"/>

  <!--Favicon-->
  <link rel="icon" type="image/ico" href="assets/img/favicon.ico"/>
</head>
<body>

  <!--Scroll top button -->
  <a id="scrollToTop" href="#">
    <i class="fa fa-angle-double-up"></i>
  </a>
  <!-- End of scroll top button -->

  <!--Navigation-->
  <div class="container-fluid navigation-wrap">
    <div class="container">
      <nav class="navbar navbar-expand-lg navbar-light d-flex">
        <h1 class="navbar-brand"><a href="index.html">Bookstore</a></h1>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navigation" aria-
```

```

controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
</button>

    <div class="collapse navbar-collapse" id="navigation">
        <ul class="navbar-nav ml-auto">
            </ul>
        </div>
    </nav>
</div>
<!--End of navigation-->

    <!--Single Product-->
    <div class="container-fluid singleProduct">

</div>
<!--End of single product-->

<!--Modal for products when they are added to cart-->
<div class="container-fluid modal">
</div>
<!--End of modal-->

<!--Products-->
<div class="container pr">
    <div class="row">
        <div class="col-12">
            <button class='btnFilters mb-3'>Show filters <i class="fa fa-
sliders" aria-hidden="true"></i> <i class="fa fa-times" aria-
hidden="true"></i> </button>
        </div>
    </div>
    <div class="row">
        <div class="col-lg-2 col-md-12 mt-2 mb-5 filter">
            <form>
                <input type="search" name="search" class="search pl-2 mb-3 col-
10" placeholder="Search by title" autocomplete="off"><i class="fa fa-
search col-2" aria-hidden="true"></i></hr>
                <h4 class="mt-2 mb-3">Sort</h4>
                <ul id="sort" class='row borderbottom pb-2'>
                    <li class="mb-1 col-lg-12 col-6">
                        <select name="price" id="price" class="custom-select">
                            <option value="0">Price</option>

```

```

        <option value="asc">Price ascending</option>
        <option value="desc">Price descending</option>
    </select>
</li>
<li class="mb-1 col-lg-12 col-6">
    <select name="title" id="title" class="custom-select">
        <option value="0">Title</option>
        <option value="az">Title A-Z</option>
        <option value="za">Title Z-A</option>
    </select>
</li>
</ul>
<h4 class="mt-2 mb-3 ">Author</h4>
<ul id="filterAuthors" class='row borderbottom'>
</ul>
<h4 class="mt-2 mb-3">Category</h4>
<ul id="filterCategories" class='row borderbottom'>
</ul>
<h4 class="mt-2 mb-3">Publisher</h4>
<ul id="filterPublishers" class="text-
capitalize row borderbottom">
</ul>
<h4 class="mt-2 mb-3">Special offer</h4>
<ul id="filterSpecialOffers">
    <li class="form-group">
        <input type="checkbox" name="spOffers" class="spOffers">
Special offers
    </li>
</ul>
</form>
</div>
<div class="mb-2 col-lg-10 col-md-12 displayProducts">
    <h2 class="text-center mb-5 mt-2">All books</h2>
    <div id="products"></div>
</div>
</div>
<!--End of products-->

<!--Footer-->
<div class="container-fluid pt-2 pb-2" id="footer">
    <div class="container row">
        <span class="col-sm-10 col-12 text-sm-left text-
center"> &copy; 2021 Anastasija Jokovic. All rights reserved</span>

```

```
        <ul class="d-flex justify-content-between col-sm-2 col-4 text-sm-
right text-center social">
        </ul>
    </div>
</div>
<!--End of footer-->

<!--jQuery-->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scrip
t>

<!--Bootstrap-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/
popper.min.js" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin
="anonymous"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap
.min.js" integrity="sha384-
JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1" crossorigin
="anonymous"></script>
<!--Custom JS-->
<script src="assets/js/main-min.js" type="text/javascript"></script>
</body>
</html>
```

### 3.1.3 cart.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="Books,Paper,Read,Library,Bookstore">
  <meta name="description" content="In our wide assortment you can find amazing books that will make your day even better! High quality paper will increase your enjoyment while reading. ">
  <title>Bookstore</title>

  <!--Bootstrap-->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <!--Font awesome -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!--Custom CSS-->
  <link rel="stylesheet" href="assets/css/style-min.css" type="text/css"/>

  <!--Favicon-->
  <link rel="icon" type="image/ico" href="assets/img/favicon.ico"/>
</head>
<body>

  <!--Scroll top button -->
  <a id="scrollToTop" href="#">
    <i class="fa fa-angle-double-up"></i>
  </a>
  <!-- End of scroll top button -->

  <!--Navigation-->
  <div class="container-fluid navigation-wrap">
    <div class="container">
      <nav class="navbar navbar-expand-lg navbar-light d-flex">
        <h1 class="navbar-brand"><a href="index.html">Bookstore</a></h1>
```

```

        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navigation" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navigation">
        <ul class="navbar-nav ml-auto">
        </ul>
    </div>
</nav>
</div>
</div>

<!--End of navigation-->

<!--Cart-->

<div class="container cart">
    <h2 class="mb-5">Cart</h2>
    <div class='pb-5'>
        <table id="cartTable">
        </table>
    </div>
</div>
<!--End of cart-->

<!--Footer-->
<div class="container-fluid pt-2 pb-2" id="footer">
    <div class="container row">
        <span class="col-sm-10 col-12 text-sm-left text-
center"> &copy; 2021 Anastasija Jokovic. All rights reserved</span>
        <ul class="d-flex justify-content-between col-sm-2 col-4 text-sm-
right text-center social">
        </ul>
    </div>
</div>
<!--End of footer-->

<!--jQuery-->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-

```

```
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scrip
t>
  <!--Bootstrap-->
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/
popper.min.js" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin
="anonymous"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap
.min.js" integrity="sha384-
JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1" crossorigin
="anonymous"></script>
  <!--Custom JS-->
  <script src="assets/js/main-min.js" type="text/javascript"></script>
</body>
</html>
```



### 3.1.4 contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="Books,Paper,Read,Library,Bookstore">
  <meta name="description" content="In our wide assortment you can find amazing books that will make your day even better! High quality paper will increase your enjoyment while reading. ">
  <title>Bookstore</title>

  <!--Bootstrap-->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <!--Font awesome -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!--Custom CSS-->
  <link rel="stylesheet" href="assets/css/style-min.css" type="text/css"/>

  <!--Favicon-->
  <link rel="icon" type="image/ico" href="assets/img/favicon.ico"/>
</head>
<body>

  <!--Scroll top button -->
  <a id="scrollToTop" href="#">
    <i class="fa fa-angle-double-up"></i>
  </a>
  <!-- End of scroll top button -->

  <!--Navigation-->
  <div class="container-fluid navigation-wrap">
    <div class="container">
      <nav class="navbar navbar-expand-lg navbar-light d-flex">
        <h1 class="navbar-brand"><a href="index.html">Bookstore</a></h1>
```

```

        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navigation" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navigation">
        <ul class="navbar-nav ml-auto">
        </ul>
    </div>
</nav>
</div>
<!--End of navigation-->

<!--Contact-->
<div class="container " id="contact">
    <h2 class="mb-5 mt-2">Get in touch</h2>
    <div class="row justify-content-between">
        <div class="col-lg-7 col-12">
            <p class="sentMessage text-
center displayNone">Message was sent successfully</p>
            <div class="row mb-3">
                <div class="col-6">
                    <input type="text" name="name" id="name" autocomplete
="off" placeholder="First and last name">
                    <p class="nameError displayNone">First and last name
needs to start with capitalized letters.</p>
                </div>
                <div class="col-6">
                    <input type="text" name="email" id="email" autocomple
te="off" placeholder="Email">
                    <p class="emailError displayNone">Incorrect email add
ress.</p>
                </div>
            </div>
            <div class="row">
                <div class="col-12">
                    <textarea placeholder="Message" name="message" id="me
ssage" rows="6"></textarea>
                    <p class="messageError displayNone">Message need to s
tart with capitalized letter and has to contain at least 6 characters.</p>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="row mt-2">
            <div class="col-12 text-center">
                <input type="submit" value="SEND" name="contactSubmit"
" id="contactSubmit">
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-12 contact-info mb-5 text-lg-left text-
center">
        <ul>
            <li class='mt-5 mb-2'><i class="fa fa-map-marker mr-
2" aria-hidden="true"></i>296-
244 W College St, Los Angeles, CA 90012, USA</li>
            <li class='mb-2'><i class="fa fa-phone mr-2" aria-
hidden="true"></i>(213) 509-6995</li>
            <li><i class="fa fa-clock-o mr-2" aria-
hidden="true"></i>Mon-Fri 9am-5pm</li>
        </ul>
    </div>
</div>
</div>
<!--End of contact-->

<!--Footer-->
<div class="container-fluid pt-2 pb-2" id="footer">
    <div class="container row">
        <span class="col-sm-10 col-12 text-sm-left text-
center"> &copy; 2021 Anastasija Jokovic. All rights reserved</span>
        <ul class="d-flex justify-content-between col-sm-2 col-4 text-sm-
right text-center social">
            </ul>
        </div>
    </div>
</div>
<!--End of footer-->

<!--jQuery-->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scrip
t>

<!--Bootstrap-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/
popper.min.js" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin
="anonymous"></script>

```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1" crossorigin="anonymous"></script>
<!--Custom JS-->
<script src="assets/js/main-min.js" type="text/javascript"></script>
</body>
</html>
```

### 3.1.5 author.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="keywords" content="Books,Paper,Read,Library,Bookstore">
  <meta name="description" content="In our wide assortment you can find amazing books that will make your day even better! High quality paper will increase your enjoyment while reading. ">
  <title>Bookstore</title>

  <!--Bootstrap-->
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <!--Font awesome -->
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <!--Custom CSS-->
  <link rel="stylesheet" href="assets/css/style-min.css" type="text/css"/>

  <!--Favicon-->
  <link rel="icon" type="image/ico" href="assets/img/favicon.ico"/>
</head>
<body>

  <!--Scroll top button -->
  <a id="scrollToTop" href="#">
    <i class="fa fa-angle-double-up"></i>
  </a>
  <!-- End of scroll top button -->

  <!--Navigation-->
  <div class="container-fluid navigation-wrap">
    <div class="container">
      <nav class="navbar navbar-expand-lg navbar-light d-flex">
        <h1 class="navbar-brand"><a href="index.html">Bookstore</a></h1>
```

```

        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navigation" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navigation">
        <ul class="navbar-nav ml-auto">
        </ul>
    </div>
</nav>
</div>
<!--End of navigation-->

<!--Author-->
<div class="container">
    <div class="row pb-5" id="author">
        <div class="col-md-6 mb-5">
            <h2 class="mb-5 mt-2 text-center">Author</h2>
            <p class="text-right-lg text-
center">My name is Anastasija Joković. I was born 23.02.2000. in Lučani.
        </p>
            <p class="text-right-lg text-
center">In 2015 I finished primary school 'OŠ Milan Blagojević' in Lučani. Th
en, in 2019 I graduated from high school 'Srednja tehnička PTT škola' in Belg
rade. Currently, I'm student of ICT College. </p>
        </div>
        <div class="col-md-6 text-right-lg text-center">
            
        </div>
    </div>
</div>
<!--End of author-->
<!--Footer-->
<div class="container-fluid pt-2 pb-2" id="footer">
    <div class="container row">
        <span class="col-sm-10 col-12 text-sm-left text-
center"> &copy; 2021 Anastasija Jokovic. All rights reserved</span>
        <ul class="d-flex justify-content-between col-sm-2 col-4 text-sm-
right text-center social">
        </ul>
    </div>
</div>

```

```
</div>
<!--End of footer-->

<!--jQuery-->
<script src="https://code.jquery.com/jquery-
3.5.1.min.js" integrity="sha256-
9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0=" crossorigin="anonymous"></scrip
t>

<!--Bootstrap-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/
popper.min.js" integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin
="anonymous"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap
.min.js" integrity="sha384-
JZR6Spejh4U02d8j0t6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmY1" crossorigin
="anonymous"></script>
<!--Custom JS-->
<script src="assets/js/main-min.js" type="text/javascript"></script>
</body>
</html>
```

### 3.2.1 books.json

```
[
  {
    "id": 1,
    "name": "The cyberiad",
    "description": "One of the world's most beloved science fiction writers, Stanislaw Lem was famed for his wryly comic, outlandish imaginings of the relationship between humans and technology. In this playful cosmic fantasia, two 'constructors' compete to dream up ever-more ingenious inventions in a universe beyond reality.",
    "author": 1,
    "publisher": 1,
    "image": {
      "src": "assets/img/cyberiad.jpg",
      "alt": "The cyberiad"
    },
    "thumbnail": {
      "src": "assets/img/cyberiad-thumbnail.jpg",
      "alt": "The cyberiad"
    },
    "price": {
      "old": 15.99,
      "new": 13.99
    },
    "category": 1,
    "freeShipping": true,
    "specialOffer": false,
    "new": true
  },
  {
    "id": 2,
    "name": "Night vision",
    "description": "The world is a different place after dark, and this magnificent photography book illuminates the mesmerizing realm of all things nocturnal. After dark, the light is different; there is an unspoken intimacy; new and different activities occur and in the natural world, an unseen universe comes alive.",
    "author": 2,
    "publisher": 2,
    "image": {
      "src": "assets/img/night-vision.jpg",
      "alt": "Night vision"
    },
    "thumbnail": {
```



```
        "src": "assets/img/night-vision-thumbnail.jpg",
        "alt": "Night vision"
    },
    "price": {
        "old": 30.99,
        "new": 22.99
    },
    "category": 2,
    "freeShipping": true,
    "specialOffer": true,
    "new": true
},
{
```

```
    "id": 3,
    "name": "The science of animals",
    "description": "With spectacular, studio-
```

quality photography and clear explanations, this book reveals the incredible anatomy, behaviour, and beauty of every type of creature. This elegant introduction to zoology offers interesting views, angles, and close-ups that show you animals in surprising detail. The unique nose-to-tail approach, allows you to focus in on the beauty of the antenna of a moth, the flight feathers of a parrot, or the feeding tentacles of a jellyfish. ",

```
    "author": 3,
    "publisher": 3,
    "image": {
        "src": "assets/img/science-of-animals.jpg",
        "alt": "The science of animals"
    },
    "thumbnail": {
        "src": "assets/img/science-of-animals-thumbnail.jpg",
        "alt": "The science of animals"
    },
    "price": {
        "old": 32.99,
        "new": 28.99
    },
    "category": 2,
    "freeShipping": false,
    "specialOffer": false,
    "new": true
},
{
    "id": 4,
    "name": "Journey",
```

```
    "description": "Journeys have arisen from all manner of impulse, from migration and the search for food, to pilgrimages, trade, scientific curiosity, or simply the quest for adventure. Packed with stories of human movement and endeavour, Journey lets you experience the excitement and romance of travel, covering everything from quests across the Silk Road and the adventures of Marco Polo to explorations in space and underwater. ",
    "author": 3,
    "publisher": 3,
    "image": {
      "src": "assets/img/journey.jpg",
      "alt": "Journey"
    },
    "thumbnail": {
      "src": "assets/img/journey-thumbnail.jpg",
      "alt": "Journey"
    },
    "price": {
      "old": 19.99,
      "new": 17.99
    },
    "category": 3,
    "freeShipping": false,
    "specialOffer": false,
    "new": true
  },
  {
    "id": 5,
    "name": "City of girls",
    "description": "New York, 1940. Young, glamorous and inseparable, Vivian and Celia are chasing trouble from one end of the city to the other. But there is risk in all this play - that's what makes it so fun, and so dangerous. Sometimes, the world may feel like it's ending, but for Vivian and Celia, life is just beginning.",
    "author": 4,
    "publisher": 4,
    "image": {
      "src": "assets/img/city-of-girls.jpg",
      "alt": "City of girls"
    },
    "thumbnail": {
      "src": "assets/img/city-of-girls-thumbnail.jpg",
      "alt": "City of girls"
    },
    "price": {
      "old": 18.99,
```

```
        "new": 12.99
    },
    "category": 3,
    "freeShipping": true,
    "specialOffer": true,
    "new": false
},
{
    "id": 6,
    "name": "Earth from space",
    "description": "With over 200 spectacular images, Earth from Space reveals our planet as you've never seen it before. For decades we competed to be the first to reach space, but it was when we looked back at Earth that we were truly awestruck. Now we can show the earth's surface, its mega structures, weather patterns and natural wonders in breathtaking detail. Earth from Space sheds new light on the planet we call home.",
    "author": 5,
    "publisher": 5,
    "image": {
        "src": "assets/img/earth-from-space.jpg",
        "alt": "Earth from space"
    },
    "thumbnail": {
        "src": "assets/img/earth-from-space-thumbnail.jpg",
        "alt": "Earth from space"
    },
    "price": {
        "old": 35.99,
        "new": 25.99
    },
    "category": 2,
    "freeShipping": false,
    "specialOffer": true,
    "new": false
},
{
    "id": 7,
    "name": "Create winning agreements",
    "description": "Negotiation doesn't have to be a fight to get what you want at the expense of the other side. In fact, you'll create better deals and better relationships through collaboration. Gavin Presman's ethical and mutually-beneficial approach shows you how to prepare for and engage in every negotiation - whether you're drawing up a contract with a client, buying a house or settling family disagreements.",
    "author": 6,
```

```
    "publisher": 6,  
    "image": {  
      "src": "assets/img/winning-agreements.jpg",  
      "alt": "Create winning agreements"  
    },  
    "thumbnail": {  
      "src": "assets/img/winning-agreements-thumbnail.jpg",  
      "alt": "Create winning agreements"  
    },  
    "price": {  
      "old": 25.99,  
      "new": 16.99  
    },  
    "category": 6,  
    "freeShipping": true,  
    "specialOffer": true,  
    "new": false  
  },  
  {  
    "id": 8,  
    "name": "Genius inventions",  
    "description": "Inventors Who Changed the World gives readers an unprec  
ented insight into the minds and lives of some of the people who have shaped the  
modern world. Discover the inspiration of some of the most important moments in t  
he history of technology. As an invention is rarely the brainchild of a single pe  
rson, Challoner also includes timelines that explain the development of an invent  
ion",  
    "author": 7,  
    "publisher": 7,  
    "image": {  
      "src": "assets/img/genius-inventions.jpg",  
      "alt": "Genius inventions"  
    },  
    "thumbnail": {  
      "src": "assets/img/genius-inventions-thumbnail.jpg",  
      "alt": "Genius inventions"  
    },  
    "price": {  
      "old": 35.99,  
      "new": 28.99  
    },  
    "category": 6,  
    "freeShipping": true,  
    "specialOffer": true,  
    "new": false  
  }
```

```

},
{
  "id": 9,
  "name": "How science works",
  "description": "Answering all your scientific questions How Science Works explains science facts throughout amazing diagrams and infographics. Unlock the secrets of the universe. Learn how to explain the mind-boggling concepts that eluded you at school, all the way through to more recent fascinating topics such as the discovery of the Higgs Boson.",
  "author": 3,
  "publisher": 3,
  "image": {
    "src": "assets/img/how-science-works.jpg",
    "alt": "How science works"
  },
  "thumbnail": {
    "src": "assets/img/how-science-works-thumbnail.jpg",
    "alt": "How science works"
  },
  "price": {
    "old": 20.99,
    "new": 18.99
  },
  "category": 2,
  "freeShipping": false,
  "specialOffer": false,
  "new": false
},
{
  "id": 10,
  "name": "Forest mage",
  "description": "The second book in The Soldier Son Trilogy, from the author of the bestselling Farseer, Liveship Traders and Tawny Man trilogies. The King's Cavalla Academy has been ravaged by the Speck plague. As the infirmary empties, Cadet Nevare Burvelle also prepares to journey home. Far from being a broken man, Nevare is hale and hearty after defeating his nemesis, Tree Woman, and freeing himself of the Speck magic that infected him and attempted to turn him against his own people. ",
  "author": 8,
  "publisher": 8,
  "image": {
    "src": "assets/img/forest-mage.jpg",
    "alt": "Forest mage"
  },
  "thumbnail": {

```

```
        "src": "assets/img/forest-mage-thumbnail.jpg",
        "alt": "Forest mage"
    },
    "price": {
        "old": 19.99,
        "new": 14.99
    },
    "category": 4,
    "freeShipping": true,
    "specialOffer": false,
    "new": false
},
{
    "id": 11,
    "name": "Renegades magic",
    "description": "The people of Gettys town believe their cemetery soldier, Nevare Burve, guilty of unspeakable crimes. They also recall beating him to death. But Nevare didn't die that day. A power far more intractable than an angry mob seized control of his life and swept him away. The magic of the Speck people has claimed Nevare, and is shaping him into a weapon to halt the Gernian expansion into Speck lands. As his efforts to find a peaceful solution fail, Nevare realizes he can no longer suppress his ruthless Speck self, Soldier's Boy. ",
    "author": 8,
    "publisher": 8,
    "image": {
        "src": "assets/img/renegades-magic.jpg",
        "alt": "Renegades magic"
    },
    "thumbnail": {
        "src": "assets/img/renegades-magic-thumbnail.jpg",
        "alt": "Renegades magic"
    },
    "price": {
        "old": false,
        "new": 25.99
    },
    "category": 4,
    "freeShipping": false,
    "specialOffer": false,
    "new": false
},
{
    "id": 12,
    "name": "Dark water",
```

```
    "description": "A selection of deliciously spooky short stories from the  
Japanese master of suspense. The first story in the collection has been filmed as  
DARK WATER. Suzuki demonstrates the power of his psychological insight into the  
mechanics of fear in this highly atmospheric collection of stories unified by the  
theme of water. Yoshimi Matsubara lives with her five-year-  
old daughter Ikuko in a depressing and damp apartment block on reclaimed land in  
Tokyo Bay.",  
    "author": 9,  
    "publisher": 8,  
    "image": {  
        "src": "assets/img/dark-water.jpg",  
        "alt": "Dark water"  
    },  
    "thumbnail": {  
        "src": "assets/img/dark-water-thumbnail.jpg",  
        "alt": "Dark water"  
    },  
    "price": {  
        "old": false,  
        "new": 23.99  
    },  
    "category": 1,  
    "freeShipping": true,  
    "specialOffer": true,  
    "new": false  
}  
]
```

### 3.2.2 authors.json

```
[
  {
    "id": 1,
    "name": "Stanislaw Lem"
  },
  {
    "id": 2,
    "name": "National Geographic"
  },
  {
    "id": 3,
    "name": "DK"
  },
  {
    "id": 4,
    "name": "Elizabeth Gilbert"
  },
  {
    "id": 5,
    "name": "Michael Bright"
  },
  {
    "id": 6,
    "name": "Gavin Presman"
  },
  {
    "id": 7,
    "name": "Jack Challoner"
  },
  {
    "id": 8,
    "name": "Robin Hobb"
  },
  {
    "id": 9,
    "name": "Koji Suzuki"
  }
]
```



### 3.2.3 publishers.json

```
[
  {
    "id": 1,
    "name": "Penguin"
  },
  {
    "id": 2,
    "name": "National Geographic"
  },
  {
    "id": 3,
    "name": "DK"
  },
  {
    "id": 4,
    "name": "Bloomsbery"
  },
  {
    "id": 5,
    "name": "BBC"
  },
  {
    "id": 6,
    "name": "ICON"
  },
  {
    "id": 7,
    "name": "Carlton Books"
  },
  {
    "id": 8,
    "name": "Harpercollins"
  }
]
```

### 3.2.4 categories.json

```
[
  {
    "id": 1,
    "name": "Fantasy"
  },
  {
    "id": 2,
    "name": "Popular science"
  },
  {
    "id": 3,
    "name": "Travel"
  },
  {
    "id": 4,
    "name": "Fiction"
  },
  {
    "id": 6,
    "name": "Popular psihology"
  }
]
```

### 3.2.5 navigation.json

```
[
  {
    "href": "index.html",
    "linkName": "Home"
  },
  {
    "href": "products.html",
    "linkName": "Products"
  },
  {
    "href": "contact.html",
    "linkName": "Contact"
  },
  {
    "href": "author.html",
    "linkName": "Author"
  },
  {
    "href": "documentation.pdf",
    "linkName": "Documentation"
  }
]
```

### 3.2.6 socialMediasFooter.json

```
[
  {
    "href": "https://www.facebook.com/",
    "icon": "<i class='fa fa-facebook' aria-hidden='true'></i>"
  },
  {
    "href": "https://www.instagram.com/",
    "icon": "<i class='fa fa-instagram' aria-hidden='true'></i>"
  },
  {
    "href": "https://twitter.com/",
    "icon": "<i class='fa fa-twitter' aria-hidden='true'></i>"
  },
  {
    "href": "https://www.linkedin.com/",
    "icon": "<i class='fa fa-linkedin' aria-hidden='true'></i>"
  }
]
```

### 3.3.1 style.css

```
*{
  padding: 0;
  margin: 0;
  box-sizing: border-box;
  /*font-size: calc(1vh + 1vw +1%)*/*
}
a{
  text-decoration: none !important;
  color: rgb(43, 42, 42) !important;
}
button{
  outline: none !important;
  border: none;
  cursor: pointer;
}
.nav-item, ul li{
  list-style-type: none !important;
}
.overflow{
  overflow: hidden;
}
#scrollTop{
  bottom: 60px;
  color: rgb(216, 33, 33) !important;
  display: none;
  width: 50px;
  height: 50px;
  font-size: 30px;
  position: fixed;
  right: 20px;
  text-align: center;
  z-index: 999;
  -webkit-transition: all 0.5s ease 0s;
  -moz-transition: all 0.5s ease 0s;
  -ms-transition: all 0.5s ease 0s;
  -o-transition: all 0.5s ease 0s;
  transition: all 0.5s ease 0s;
}
.fa-shopping-cart{
  font-size: 25px !important;
  color:rgb(216, 33, 33) !important;
}
.cartItem{
```

```
    position: relative;
}
.cartQuantity{
    display: flex;
    flex-direction: column;
}
.productsInCart{
    text-align: center;
    position: absolute;
    height: 20px;
    width: 20px;
    background: #000;
    color: #fff;
    border-radius: 50%;
    font-size: 13px;
    top: 10px;
    right: 17px;
}
.navigation-wrap{
    background: rgb(211, 211, 211);
    position: fixed;
    z-index: 999;
}
#navigation ul{
    width: 60%;
}
.pr, .newb{
    padding-top: 150px;
}

#newBooks, #specialOffers, #products{
    width: 100%;
    display: flex;
    flex-wrap: wrap;
}
.addToCartBooks{
    background: rgb(216, 33, 33);
    color: #fff;
    padding: 3px 15px;
    width: 50%;
    margin: 0 auto;
}
.book{
    margin-bottom: 80px;
}
```

```
    display: flex;
    flex-direction: column;
}
.bookTitle h3{
    font-size: 1.25rem !important;
}
.bookPrice span{
    font-size: 18px;
    font-weight: bold;
}
.bookPrice del{
    opacity: 0.8;
}
.freeShipping i{
    color: rgb(216, 33, 33) !important;
}
.bookImage{
    position: relative;
    height: 200px;
    width: 200px;
    margin: 0 auto;
}

/*SINGLE PRODUCT*/
.show{
    display: block !important;
}
.singleProduct{
    display: none;
    opacity: 0;
    color: #fff !important;
    height: 100%;
    width: 100%;
    position: fixed;
    z-index: 1000;
    top: 0;
    left: 0;
    background: rgba(44, 44, 44, 0.9);
    padding-top: 4%;
}
.singleProductContent img{
    position: relative;
}
.specialOfferSingleProduct{
```

```
width: 90px;
height: 90px;
padding-top: 20px;
border-radius: 50px;
background: rgb(216, 33, 33);
color: #fff ;
position: absolute;
top: 0;
left: 10px;
}
.singleProductContent .fa-truck{
  color:rgb(216, 33, 33);
  font-size: 20px;
}
.singleProductContent p{
  color: #fff;
}
.addToCart{
  padding: 10px 15px;
  color: #fff;
  background: rgb(216, 33, 33);
}
.authorPublisher{
  color:rgb(238, 237, 237);
}
.oldPrice{
  color: rgb(238, 237, 237);
}
.currentPrice{
  font-size: 20px;
  color:rgb(250, 40, 40);
  font-weight: bold;
}
.fa-times{
  color: #fff ;
}
.close{
  opacity: 0.8 !important;
}
.close:hover{
  opacity: 1 !important;
}
.specialOffer{
```



```
width: 60px;
height: 60px;
padding-top: 8px;
font-size: 13px;
border-radius: 50px;
background: rgb(216, 33, 33);
color: #fff !important;
position: absolute;
top: -15px;
left: -15px;
}

.search{
  border: 1px solid rgb(211, 211, 211);
  outline: none !important;
  width: 80%;
  padding: 5px;
  border-radius: 6%;
}

.fa-search{
  background: rgb(216, 33, 33);
  padding: 9.5px 0;
  border-radius: 6%;
  text-align: center;
  color: #fff !important;
}

h4{
  font-size: 1.25rem !important;
}

#sort select{
  padding: 0 5px ;
}

.custom-select{
  border: 1px solid rgb(211, 211, 211) !important;
  outline: none !important;
}

.filter{
  display: block;
  border-right: 1px solid rgb(211, 211, 211);
}

.borderbottom{
  border-bottom: 1px solid rgb(211, 211, 211);
}

.tableZebra{
```

```
        background: rgba(231, 231, 231, 0.3);
    }
    .cart{
        padding-top: 150px;
        min-height: 100vh;
    }
    .cart table thead{
        text-transform: uppercase;
        color: #000;
        font-weight: 500;
    }
    .remove{
        border: 1px solid rgb(211, 211, 211);
        font-size: 13px;
        background-color: #fff;
        padding: 4px 12px;
    }
    .cart-image{
        padding: 5px 0;
    }
    .cart table{
        width: 100%;
    }
    .cart img{
        height: 100px;
        width: 100px;
        border: 1px solid rgb(211, 211, 211);
    }
    .cart h2{
        border-bottom: 1px solid rgb(211, 211, 211)
    }
    .qty-minus, .qty-plus{
        width: 30px;
        height: 30px;
        background: #fff;
        border: 1px solid rgb(211, 211, 211);
    }
    #cartTable td{
        padding: 0px 10px;
    }
    .cart-quantity .col-6{
        padding: 0 !important;
    }
    .btnCartShopping, .btnBuy{
        padding: 15px;
```

```
background-color: rgb(216, 33, 33);
border: 1px solid rgb(216, 33, 33);
color: #fff;
font-weight: 500;
border-radius: 5px;
}
.btnCartShopping:hover, .btnBuy:hover{
color:rgb(216, 33, 33);
background-color: #fff;
}
.btnBuy{
width: 100px;
padding: 5px;
}

.modal{
display:none;
opacity: 0;
color: #fff;
height: 100%;
width: 100%;
position: fixed;
z-index: 2000;
top: 0;
left: 0;
background: rgba(44, 44, 44, 0.9);
padding-top: 10%;
}
.modalCart{
background-color: rgb(255, 248, 248);
margin: auto;
width: 60%;
padding: 20px;
color:rgb(43, 42, 42);
}
.modalCart h6{
font-size: 20px;
border-bottom: 1px solid rgb(43, 42, 42);
}
.goToCart{
background: rgb(216, 33, 33);
color: #fff;
padding: 5px 15px;
}
.backToSopping{
```

```
    background: rgb(211, 211, 211);
    padding: 5px 15px;
}

.slider{
    background: url(../img/bookshelf.jpg);
    height: 100vh;
    background-size: cover;
}

.slider h1{
    padding-top: 20%;
    font-size: 60px;
}

.slider h1, p{
    color: #000;
}

.slider p {
    font-size: 18px;
    font-weight: 500;
}

.slider button{
    background: rgb(216, 33, 33);
    padding: 15px 25px;
    border-radius: 5px;
}

.slider button a {
    color: rgb(211, 211, 211) !important;
}

#contact{
    padding-top: 150px;
    min-height: 100vh;
}

#contact h2{
    border-bottom: 1px solid rgb(211, 211, 211)
}

#contact input, textarea {
    border: 1px solid rgb(211, 211, 211);
    padding: 5px 5px;
    width: 100%;
    outline: none !important;
}

#contactSubmit{
    border: 2px solid rgb(211, 211, 211) !important;
    width: 30% !important;
    background: #fff;
```

```
    margin: 0 auto;
    cursor: pointer;
}
.nameError, .emailError, .messageError{
    color:rgb(216, 33, 33);
    font-size: 13px;
}
.displayNone{
    display: none;
}
.sentMessage{
    color:rgb(25, 172, 37);
    font-size: 18px;
}

#author{
    padding-top: 150px;
    min-height: 100vh;
}
#author h2{
    border-bottom: 1px solid rgb(211, 211, 211);
}

#footer{
    background: rgb(211, 211, 211);
}
#footer ul {
    padding: 0 !important;
    margin: 0 !important;
}
.btnFilters{
    background: rgb(211, 211, 211);
    display: none;
    width: 100%;
    height: 40px;
    padding: 10px 0;
}
.btnFilters .fa-times{
    cursor: pointer;
    color: rgb(43, 42, 42);
    font-size: 18px;
    display: none;
}
@media only screen and (max-width: 992px){
```

```

.productsInCart{
    display: none;
}
.slider h1{
    padding-top: 40%;
}
.pr{
    padding-top: 100px;
}
.btnFilters{
    display: inline-block;
}
.filter{
    border-left: 1px solid rgb(211, 211, 211);
    border-bottom: 1px solid rgb(211, 211, 211);
    display:none;
}
.specialOfferSingleProduct{
    width: 50px;
    height: 50px;
    font-size: 13px;
    padding-top: 5px;
}
}
@media only screen and (max-width: 770px){
    .spimage{
        display: none;
    }
    .specialOfferSingleProduct{
        display: none;
    }
    .singleProductContent{
        font-size: 14px ;
    }
}
@media only screen and (max-width: 576px){
    #footer ul{
        margin: 0 auto !important;
    }
    .slider h1{
        padding-top: 60%;
        font-size: 45px;
    }
}
@media only screen and (max-width: 770px){

```

```
#cartTable{  
  display: block;  
  overflow-x: auto;  
  white-space: nowrap;  
}  
}
```

### 3.4.1 main.js

```
window.onload = function(){

    //smestanje podataka iz json fajlova u localStorage
    //navigation.json
    ajaxCallBack("navigation", (result)=>{
        printNavigation(result)

    })
    //socialMediasFooter.json
    ajaxCallBack('socialMediasFooter', (result)=>{
        printFooterMenu(result)
    })
    //authors.json
    ajaxCallBack("authors", function(result){
        setItemLocalStorage("authors",result)
        printAuthors(result)
    })
    //publishers.json
    ajaxCallBack("publishers", (result)=>{
        setItemLocalStorage("publishers", result)
        printPublishers(result)
    })
    //categories
    ajaxCallBack("categories", (result)=>{
        setItemLocalStorage("categories", result)
        printCategories(result)
    })
    //books
    ajaxCallBack("books", (result)=>{
        setItemLocalStorage('books', result)
        printNewBooks(result)
        printSpecialOffers(result)
        printAllBooks(result)
    })

    //ajax call back funkcija
    function ajaxCallBack(file, result){
        $.ajax({
            url: "assets/data/" + file + ".json",
            method: "get",
            dataType: "json",
            success: result,
```



```

        error: function(err){console.log(err)}
    })
}

//funkcija za skladištenje podataka u localStorage
function setItemLocalStorage(itemKey, itemValue){
    localStorage.setItem(itemKey, JSON.stringify(itemValue))
}

//funkcija za dohvaćanje skladištenih podataka iz localStorage-a
function getItemLocalStorage(itemKey){
    return JSON.parse(localStorage.getItem(itemKey))
}

//promenljive u koje se smestaju podaci dohvaćeni iz localStorage-a
var authors = getItemLocalStorage("authors");
var publishers = getItemLocalStorage("publishers");
var categories = getItemLocalStorage("categories");
var books = getItemLocalStorage("books");

$(".search").keyup(filterBooks)

$("#sort").change(filterBooks)

$("#filterAuthors").change(filterBooks)

$("#filterCategories").change(filterBooks)
$("#filterPublishers").change(filterBooks)

$("#filterSpecialOffers").change(filterBooks)

$(document).on("click", '.bookImage', (e)=>{
    e.preventDefault();
    stop(true, true)
    let target = e.target.parentElement
    let dataTarget = target.dataset.target;
    printSingleProduct(dataTarget)
})

$(document).on("click", ".addToCartBooks, .addToCart", (e)=>{
    e.preventDefault();
    stop(true, true);
    let target = e.target.dataset.cart

```

```

        numberOfProductsInCart();
        productsInCart(target)
        printModalForCart(target);
    })

    //inkrementiranje
    $(document).on("click", '.qty-plus', (e)=>{
        let bookId = parseInt(e.target.parentElement.parentElement.parentElement.dataset.book);
        let products = getItemLocalStorage('products')
        let productsInCart = getItemLocalStorage('numberOfProductsInCart');
        for(let p of products){
            if(bookId == p.id){
                if(p.quantity < 20){
                    p.quantity += 1;
                    productsInCart += 1
                }
            }
        }
        setItemLocalStorage('numberOfProductsInCart', productsInCart)
        printNumberOfProductsInCart()
        setItemLocalStorage('products', products)
        printCart()

    })

    //dekrementiranje
    $(document).on("click", '.qty-minus', (e)=>{
        let bookId = parseInt(e.target.parentElement.parentElement.parentElement.dataset.book);
        let products = getItemLocalStorage('products')
        let productsInCart = getItemLocalStorage('numberOfProductsInCart');
        for(let p of products){
            if(bookId == p.id){
                if(p.quantity > 1){
                    p.quantity -= 1;
                    productsInCart -= 1
                }
            }
        }
        setItemLocalStorage('numberOfProductsInCart', productsInCart)
        printNumberOfProductsInCart()
        setItemLocalStorage('products', products)
        printCart()
    })

```

```

})

//brisanje knjige iz korpe
$(document).on("click", '.remove', (e)=>{
    let bookId = parseInt(e.target.parentElement.parentElement.dataset.book);
    let products = getItemLocalStorage('products')
    let productsInCart = getItemLocalStorage('numberOfProductsInCart');
    for( let p of products){
        if(p.id == bookId){
            productsInCart -= p.quantity;
            products.splice(products.indexOf(p), 1)
        }
    }
    setItemLocalStorage('numberOfProductsInCart', productsInCart)
    printNumberOfProductsInCart()
    setItemLocalStorage('products', products)
    printCart()
})

//back to shopping button u korpi
$(document).on("click", '.btnCartShopping', (e)=>{
    e.preventDefault();
    stop(true, true);
    window.location.href = 'products.html'
})

//setovanje broja proizvoda u korpi, local storage
function numberOfProductsInCart(){
    let products;
    if(localStorage){
        products = getItemLocalStorage('numberOfProductsInCart');
        if(products){
            setItemLocalStorage("numberOfProductsInCart", products + 1)
        }
        else{
            setItemLocalStorage("numberOfProductsInCart",1)
        }
        printNumberOfProductsInCart();
    }
}

//ispisivanje broja proizvoda u korpi u navigaciji iznad ikonice za korpu
function printNumberOfProductsInCart(){
    let products;

```

```

    if(localStorage){
        products = getItemLocalStorage('numberOfProductsInCart')
        if(products){
            $(".productsInCart").html(products)
        }
        else{
            $(".productsInCart").html('0')
        }
    }
}

```

```

//skladistenje proizvoda u korpu
function productsInCart(target){
    let products = getItemLocalStorage('products');
    let product;
    for(let book of books){
        if(target == book.id){
            product = {
                id: book.id,
                name: book.name,
                quantity: 1
            }
        }
    }
    if(localStorage){
        if(products != null){
            let doesntExist;
            let ids = [];
            for(let p of products){
                ids.push(p.id)
            }

            if(ids.includes(product.id)){
                for(let p of products){
                    if(p.id == product.id){
                        p.quantity += 1;
                    }
                }
                doesntExist = false;
            }
            else{
                doesntExist = true;
            }
            if(doesntExist){
                products.push(product)
            }
        }
    }
}

```



```

        <div class='cartQuantity col-6 text-left'>
            <button class=" qty-plus ml-1">+</button> <button class="ml-
1 qty-minus">-</button>
        </div>
    </td>
    <td class="cart-total text-
center">${totalPrice(fetchPriceCart(p.id), p.quantity)}</td>
    <td class="cart-remove text-
center"><button class="remove">remove</button></td>
</tr>`
    }
    html += `<tr><td colspan='5'><p class='text-right mt-
3'><span class='font-weight-
bold'> Total: </span>${totalPriceOfProducts(products)}</p>
    <p class='text-right'><button class="text-
uppercase btnBuy">buy</button></p></td></tr></tbody>`
    return html
}
else {
    return `<h3>Your cart is empty</h3>
    <button class='btnCartShopping mt-
5'>Continue shopping</button>`
}
}

function totalPriceOfProducts(products){
    let total = 0;
    for(let p of products){
        total = total + parseFloat(totalPrice(fetchPriceCart(p.id), p.quantit
y))
    }

    return total.toFixed(2)
}

//racunanje ukupne cene za ispis knjiga u korpu
function totalPrice(price, quantity){
    return (price * quantity).toFixed(2)
}

//dohvatanje cene za ispis knjiga u korpu
function fetchPriceCart(bookId){
    for(let b of books){

```

```

        if(b.id == bookId){
            return b.price.new
        }
    }
}

//dohvatanje autora za ispis knjiga u korpu
function fetchAutorCart(bookId){
    for( let b of books){
        if(b.id == bookId){
            return fetchAutor(b.author)
        }
    }
}

//dohvatanje slike za ispis knjiga u korpu
function fetchImageForCart(bookId){
    for( let b of books){
        if(b.id == bookId){
            return `![${b.thumbnail.alt}](${b.thumbnail.src})

```

```

//ispisivanje menija iz footera
function printFooterMenu(data){
    let html = '';
    for(let link of data){
        html += `<li><a href="${link.href}" target="blank">${link.icon}</a><
/!i>`
    }
    $(".social").html(html)
}

//ispisivanje autora za filtriranje
function printAuthors(data){
    let html = '';
    for(let author of data){
        html += `<li class="form-group col-6 col-lg-12">
        <input type="checkbox" name="${author.name}" class="author" value="${
author.id}"> ${author.name}
        </li>`;
    }
    html += '<hr/>'
    $("#filterAuthors").append(html)
}

//ispisivanje kategorija za filtriranje
function printCategories(data){
    let html = '';
    for(let category of data){
        html += `<li class="form-group col-6 col-lg-12">
        <input type="checkbox" name="${category.name}" class="category" value
="${category.id}"> ${category.name}
        </li>`;
    }
    html += '<hr/>'
    $("#filterCategories").append(html)
}

//ispisivanje izdavaca za filtriranje
function printPublishers(data){
    let html = '';
    for(let publisher of data){
        html += `<li class="form-group col-6 col-lg-12">
        <input type="checkbox" name="${publisher.name}" class="publisher" val
ue="${publisher.id}"> ${publisher.name}
        </li>`;
    }
}

```



```

    }
    html += '<hr/>';
    $("#filterPublishers").append(html)
}

//ispisivanje novih knjiga
function printNewBooks(data){
    data = data.filter((el)=>{
        if(el.new) return el;
    })
    let html = printBooks(data) //funkcija koja vraca kod koji je potreban za
    ispisivanje knjiga
    $("#newBooks").append(html)
}

//ispisivanje specijalnih ponuda
function printSpecialOffers(data){
    data = filterSpecialOffers(data)
    let html = printBooks(data)
    $("#specialOffers").html(html)
}

//ispisivanje svih knjiga na stranici products.html
function printAllBooks(data){
    data = sort(data)
    data= filtering(".author", data)
    data = filtering(".category", data)
    data = filtering(".publisher", data)
    data = filterBySearch(data)
    data = filterSpecialOffersProducts(data)
    let html = printBooks(data);
    $("html, body").animate({scrollTop: 0}, 800)
    $("#products").html(html);
}

//funkcija za ispisivanje modala koji iskace nakon sto je proizvod dodat u ko
rpu
function printModalForCart(target){
    let singleBook = books.filter(function(el){
        if(target == el.id) return el;
    })
    let html = '';
    for(let book of singleBook){
        html += `<div class=" modalCart text-center text-lg-left">

```

```

        <h6>The book has been added to cart</h6>
        <div class="row">
            <div class="col-lg-4">
                
            </div>
            <div class="col-lg-8">
                <p>{book.name}</p>
                <p>{fetchAutor(book.author)}</p>
                <p>${book.price.new}</p>
                <button class="goToCart mb-3">Go to cart</button>
                <button class="backToSopping">Continue shopping</button>
            </div>
        </div>
    </div>`;
}
$(".modal").html(html)
$("body").addClass("overflow");
$(".modal").addClass("show").animate({opacity: "1"}, 300)
$(".backToSopping").click((e)=>{

    e.preventDefault();
    stop(true, true);
    $(".modal").animate({opacity: "0"}, 500, function(){
        $(".modal").removeClass("show");
    });
    if(!($(".singleProduct").hasClass("show"))){
        $(".body").removeClass("overflow")
    }
})
$(".goToCart").click((e)=>{
    e.preventDefault();
    stop(true, true);
    let location = window.location.href;
    let cartLocation = location.substr(0, location.lastIndexOf("/") + 1) +
'cart.html'
    window.location.href=cartLocation;
})
}

//funkcije za filtriranje, sortiranje i pretragu

function filterBooks(){
    printAllBooks(books)
}

```

```

//sortiranje
function sort(data){
    let selectedPrice = $("#price").val();
    let selectedTitle = $("#title").val()
    if(selectedPrice != 0){
        if(selectedPrice == 'asc'){
            data = data.sort(function(a, b){
                if(a.price.new > b.price.new) return 1;
                else if(a.price.new < b.price.new) return -1;
                else return 0
            })
        }
        else{
            data = data.sort(function(a, b){
                if(a.price.new > b.price.new) return -1;
                else if(a.price.new < b.price.new) return 1;
                else return 0
            })
        }
    }

    if(selectedTitle != 0){
        if(selectedTitle == 'az'){
            data = data.sort(function(a, b){
                if(a.name.toUpperCase() > b.name.toUpperCase()) return 1;
                else if(a.name.toUpperCase() < b.name.toUpperCase()) return -
1;
                else return 0;
            })
        }
        else{
            data = data.sort(function(a, b){
                if(a.name.toUpperCase() > b.name.toUpperCase()) return -1;
                else if(a.name.toUpperCase() < b.name.toUpperCase()) return 1
;
                else return 0;
            })
        }
    }

    return data
}

```

```

//filtriranje po autoru, kategoriji ili izdavacu
function filtering(classOfElements, data){
    let selected = [];
    for(let element of document.querySelectorAll(classOfElements)){
        if(element.checked) selected.push(parseInt(element.value))
    }
    if(selected.length != 0){
        data = data.filter(function(el){
            for(let s of selected){
                if(classOfElements == '.author'){
                    if(el.author == s) return el
                }
                else if(classOfElements == '.category'){
                    if(el.category == s) return el;
                }
                else if(classOfElements == '.publisher'){
                    if(el.publisher == s) return el
                }
            }
        })
    }
    return data
}

//filtriranje po retrazi po naslovu
function filterBySearch(data){
    let input = $(".search").val();
    let url = window.location.href;
    let currentPage = url.substr(url.lastIndexOf("/") + 1, url.length)
    if(input != '' && currentPage == 'products.html') {
        data = data.filter(function(el){
            if(el.name.toUpperCase().includes(input.toUpperCase())) return el
        });
    }
    return data
}

//filtriranje na stranici products.html
function filterSpecialOffersProducts(data){
    if($(".spOffers").is(":checked")){
        data = filterSpecialOffers(data)
    }
    return data
}

```

```

}

//html kod za ispis knjiga
function printBooks(data){
  if(data.length == 0){
    return '<h4 class="m-auto">Sorry, no results...</h4>'
  }
  else{
    let html = "";
    for(let book of data){
      html += `<div class="book text-center col-lg-3 col-md-4 col-sm-
6 col-12 ">

      <div class="bookImage mb-2">
        ${fetchSpecialOffers(book.specialOffer)}
        <a href="#" data-target="${book.id}" class="bookImageLink">
          

          </a>
        </div>
        <div class="bookTitle">
          <h3>${book.name}</h3>
        </div>
        <p class="bookAuthor">by ${fetchAutor(book.author)}</p>
        <p class="bookCategory">${fetchCategory(book.category)}</p>
        <div class="bookPrice">
          ${fetchPrice(book.price)}
        </div>
        <p class="freeShipping">
          ${freeShipping(book.freeShipping)}
        </p>
        <button class="addToCartBooks mt-auto" data-
cart="${book.id}">add to cart</button>
      </div>`
    }
    return html;
  }
}

}

//funkcije za dohvatanje podataka koji su potrebni za ispis svih knjiga
//dohvatanje specijalnih ponuda za ispisivanje knjiga
function fetchSpecialOffers(data){
  if(data) return `<p class="specialOffer text-
center">special<br>offer</p>`;
  else return ''
}

```

```

}

//dohvatanje autora za ispisivanje knjiga
function fetchAutor(id){
  for(let author of authors){
    if(id == author.id) return author.name
  }
}

//dohvatanje kategorije za ispisivanje knjiga
function fetchCategory(id){
  for(let category of categories){
    if(id == category.id) return category.name
  }
}

//dohvatanje cena za ispisivanje knjiga
function fetchPrice(prices){
  if(prices.old) return `<span>${prices.new}</span>
<del class="ml-1">${prices.old}</del>`;
  else return `<span>${prices.new}</span>`;
}

//dohvatanje besplatne dostave za ispisivanje knjiga
function freeShipping(data){
  if(data) return `<i class="fa fa-truck mr-2" aria-
hidden="true"></i>Free shipping`
  else return ''
}

//filtriranje za specijalnu ponudu
function filterSpecialOffers(data){
  data = data.filter(function(el){
    if(el.specialOffer) return el
  })
  return data
}

//funkcije za ispisivanje jednog proizvoda
function printSingleProduct(dataTarget){
  let singleBooks = books.filter(function(el){
    if(dataTarget == el.id) return el;
  })
}

```

```

    })

    let html = '';
    for(let book of singleBooks){
        html += `<div class="container m-auto row singleProductContent pt-
5">

        <div class="col-sm-5 spimage text-center">
            

            ${specialOfferSingleProduct(book.specialOffer)}
        </div>
        <div class="col-md-6 col-10 text-left">
            <h3 class="mb-3">${book.name}</h3>
            <p>${fetchCategory(book.category)}</p>
            <div class="authorPublisher mt-2 mb-3">
                <span>Author: ${fetchAutor(book.author)}</span><br>
                <span>Publisher: ${fetchPublisher(book.publisher)}</span>
            </div>
            <p>${book.description}</p>
            ${priceSingleProduct(book.price)}
            <button class="addToCart mb-2" data-
cart='${book.id}'>Add to cart</button>
            ${freeShippingSingleProduct(book.freeShipping)}
        </div>
        <div class="col-1 text-right">
            <button class="close" id="btnClose">
                <i class="fa fa-times " aria-hidden="true"></i>
            </button>
        </div>
    </div>`
    }
    $(".singleProduct").html(html)
    $("body").addClass("overflow");
    $(".singleProduct").addClass("show").animate({opacity: "1"}, 500)
    $("#btnClose").click((e)=>{
        e.preventDefault();
        stop(true, true);
        $(".singleProduct").animate({opacity: "0"}, 500, function(){
            $(".singleProduct").removeClass("show");
        });
        $("body").removeClass("overflow")
    })
}

function fetchPublisher(id){
    for(let publisher of publishers){

```

```

        if(id == publisher.id) return publisher.name
    }
}
function freeShippingSingleProduct(data){
    if(data) return `

<i class="fa fa-truck mr-2" aria-
hidden="true"></i>Free shipping</p>`
    else return ''
}
function priceSingleProduct(prices){
    if(prices.old) return `<span class="currentPrice">${prices.new}</span><p>`
}
function specialOfferSingleProduct(data){
    if(data) return `


```

```

//scroll to top function
$(window).scroll(function (){
    if($(this).scrollTop() > 200){
        $("#scrollToTop").fadeIn();
    }
    else{
        $("#scrollToTop").fadeOut();
    }
})

$('#scrollToTop').click(function(){
    $('html').animate({scrollTop : 0}, 800);

```



```

});

$("#contactSubmit").hover(function(){
    $(this).css("background", "rgb(231, 231, 231)")
}, function(){
    $(this).css("background", "#fff")
})

//provera podataka sa svakim unetim karakterom
$("#name").keyup(=>{
    if(!($("#sendMessage").hasClass("displayNone"))){($("#sendMessage").addCla
ss("displayNone")
    let name = $("#name");
    let regName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{2,25})+$/;
    let incorectName = $(".nameError");
    checkValue(name, regName, incorectName)
})
$("#email").keyup(=>{
    if(!($("#sendMessage").hasClass("displayNone"))){($("#sendMessage").addCla
ss("displayNone")
    let email = $("#email");
    let regEmail = /^[w+(\.w+)*@[a-z]+(\.[a-z]+)*(\.[a-z]{2,3})$/;
    let incorectMail = $(".emailError");
    checkValue(email, regEmail, incorectMail)
})
$("#message").keyup(=>{
    if(!($("#sendMessage").hasClass("displayNone"))){($("#sendMessage").addCla
ss("displayNone")
    let message = $("#message");
    let regMessage = /^[A-Z][w\.\,\?\!\-\;\:\'\"]{5,30}(\s[w\.\,\?\!\-\;
\;\:\'\"]{1,20})*$/;
    let incorectMessage = $(".messageError");
    checkValue(message, regMessage, incorectMessage)
})

function checkValue(field, regEx, error){
    if(regEx.test(field.val())){
        if(!error.hasClass("displayNone")){
            error.addClass("displayNone")
        }
    }
    else{
        if(error.hasClass("displayNone")){

```

```

        error.removeClass("displayNone")
    }
}

function checkField(value, regEx, error){
    if(regEx.test(value.val())){
        if(!error.hasClass("displayNone")){
            error.addClass("displayNone")
        }
        return true;
    }
    else{
        if(error.hasClass("displayNone")){
            error.removeClass("displayNone")
        }
        return false;
    }
}

//provera unetih podataka na dugme SEND
$("#contactSubmit").click(()=>{
    if(!($("#sendMessage").hasClass("displayNone"))){$("#sendMessage").addCla
ss("displayNone")}
    let name = $("#name");
    let email = $("#email");
    let message = $("#message");

    let regName = /^[A-Z][a-z]{2,15}(\s[A-Z][a-z]{2,25})+$/;
    let regEmail = /^\\w+(\\.\\w+)*\\@[a-z]+(\\.\\[a-z]+)*(\\.\\[a-z]{2,3})$/;
    let regMessage = /^[A-Z][\\w\\.\\,\\?\\!\\-\\;\\:\\'\\"]{5,30}(\\s[\\w\\.\\,\\?\\!\\-\\;\\:\\'\\"]{1,20})*/;

    let incorectName = $(".nameError");
    let incorectMail = $(".emailError");
    let incorectMessage = $(".messageError");

    if(!checkField(name, regName, incorectName)){
        return false
    }
    if(!checkField(email, regEmail, incorectMail)){
        return false
    }
    if(!checkField(message, regMessage, incorectMessage)){
        return false
    }

```

```

    }

    cleanTheFields();
    return true;

})

//provera klikom na taster submit
function cleanTheFields(){
    $("#name").val("")
    $("#email").val("")
    $("#message").val("")
    $(".sentMessage").removeClass("displayNone")
}

$(".btnFilters").click(function(){
    if($(".filter").css("display")== 'block'){
        $(this).html('Show filters <i class="fa fa-sliders" aria-
hidden="true"></i>')
        $(".filter").hide("slow")
        $(".btnFilters > .fa-times").css("display", "none")
    }
    else{
        $(this).html('Hide filters <i class="fa fa-sliders" aria-
hidden="true"></i>')
        $(".filter").show("slow");
        $(".btnFilters > .fa-times").css("display", "block")
    }
})
}

```