Uvod:

1. Korisceni programski jezici

Jezici korišćeni priliko kreiranja sajta su : HTML, CSS, JavaScript, jQuery, XML

Radi lakšeg dizajniranja sajta korišćen je : Bootstrap I Template

Radno okruženje : Visual Studio Code

2. Funkcionalnosti

    1. Promena logoa u zavisnosti od pozicije scrolla

    2. Dinamicki ispisan nav

    3. Dinamicki ispisane kartice koriscenjem JSON-a I AJAX-a

    4. Mogucnost filtriranja kartica na 4 jedinstvena nacija, izborom preko ddl-a ili "Pick for me" dugmeta

        4.1 Po izbornoj zanri

        4.2 Po izbornom autoru

        4.3 Po izboru tipa/formata knjige, knjiga moze imati vise formata I prikaz same kartice se menja u odnosu na izabrani tip/format

        4.4 "Pick for me" generisanje jedne nasumicne kartice kroz Math.random()

    5. Dinamicko kreiranje opcija za ddl-a

    6. Dinamicki ispisan modul sa dodatnim informacijama za svaku karticu. Koja se pojavljuje klikom na "READ MORE" dugme(radi na svim filtriranjima)

    7. Modul u sebi sadrzi dugmice koji mogu prikazati detalje proizvoda u njemu jedinstveno dostupnim formatima
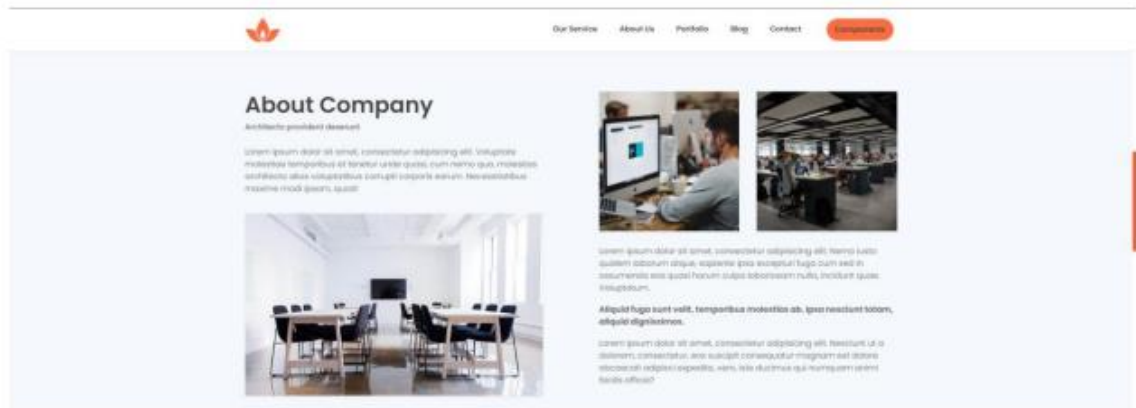
    8. Kompletno dinamicki kreirana forma

    9. 4, jedinstvene regex provere za formy I provera cekiranog radio buttona

sa realizacijom (optional pola)

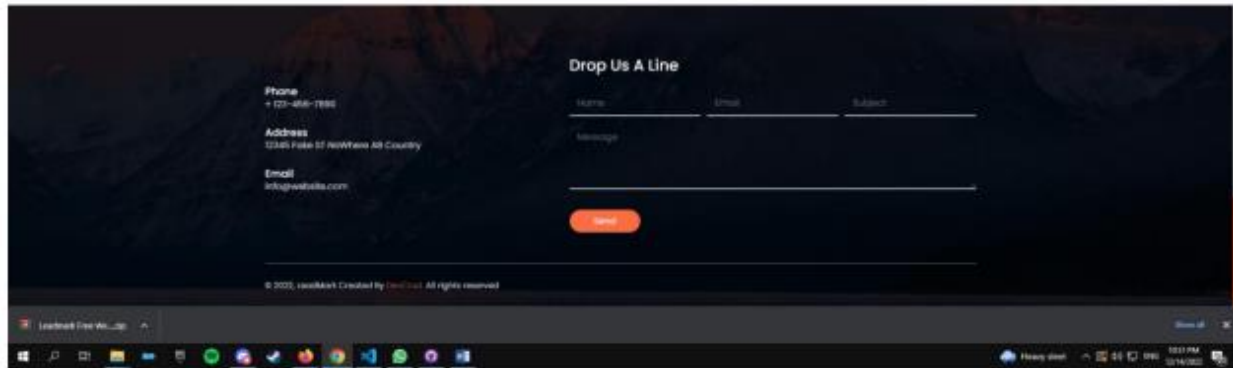10. Tajmer koj odbrojava do nekog fiksnog datuma, sa promenom prokaza kada istekne.

3. Template

Koriscena je pocetna strana uz blago korigovanje I dinamicko kreiranje u js-u.

Korisceno za prikaz teksta o temi sajta, I za prikaz studenta I broja indeks, sa dodatnim tekstom o temi sajta.

Forma je takodje iskoriscena, ali isto kao nav dinamicki rekreirana uz korekcije I dadatke u js-u

Svi ostali delovi obrisani.

Fajlovi templata:

Index.html leadmark.js (nisam svestan sadrzaja), leadmark.css(svi moji tagovi pocinju sa mojim inicijalima "nb-"), ceo scss I vendors folder. Sve slike originalnog sajta su obrisane

Organizacija:

1. Sema: Sajt se sastoji samo iz index.html I about.html

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset
        xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
                http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">

<url>
  <loc>https://nikolabkic27.github.io/</loc>
  <lastmod>2022-12-14T11:43:58+00:00</lastmod>
  <changefreq>daily</changefreq>
  <priority>1.00</priority>
</url>
<url>
  <loc>https://nikolabkic27.github.io/about.html</loc>
  <lastmod>2022-12-14T11:43:58+00:00</lastmod>
  <changefreq>monthly</changefreq>
  <priority>0.9</priority>
</url>

</urlset>
```
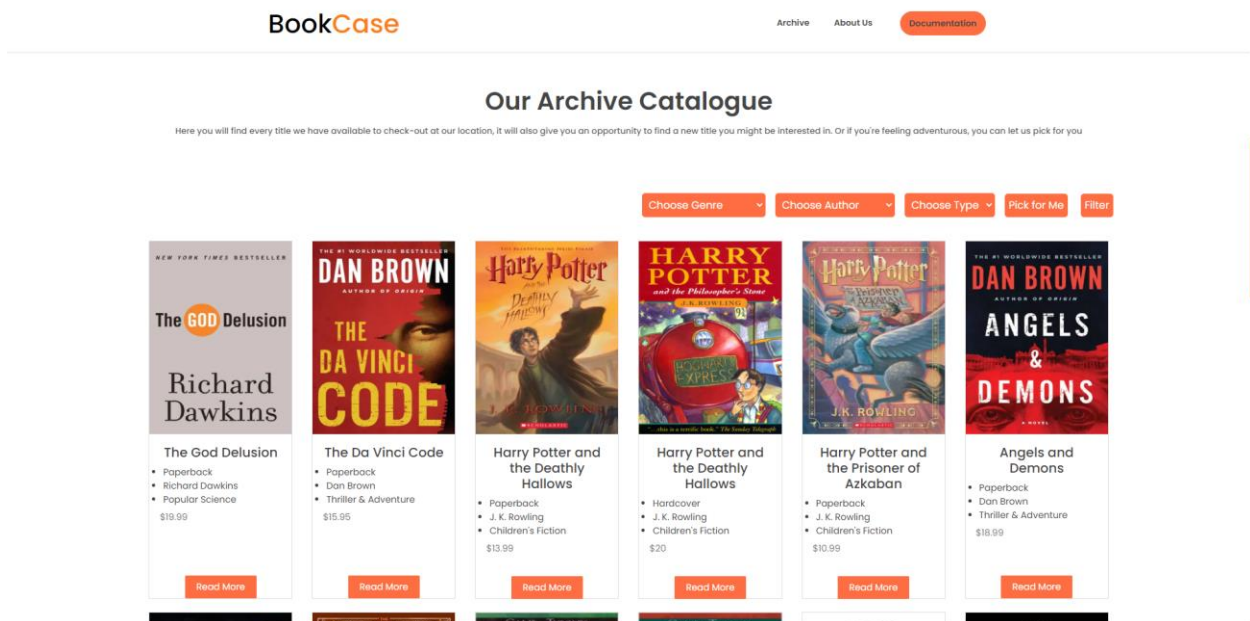
Jedini tudji kod, preuzet sa officialnog jQuery sajta.

Starting Page

Content Section

About the Club

This site's purpose is to catalogue our archive for the convenience of our readers, so that they can access our resources without having to come in person.

Subscribe to our newsletter to be notified of new additions to the library.
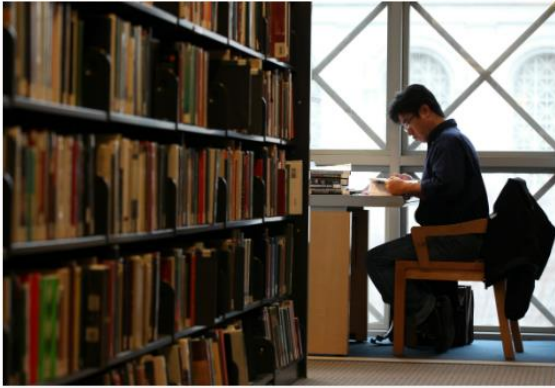
Nikola Bkic 70/21

Nikola Bkic is our first founding member, and is still a leading member, infact he is the only member and really hopes that you join so that he doesn't have to be alone anymore. So what are you wating for!? Fill out the form at the bottom of the page and we will send you an invite for our next group watching seasion.

About bez ikakvog js-a

12d 5h 34m 7s

Our book-club will be meeting-up soon, fill out the form if you want to join, and if you want to read our catalog as well then provide us with your address as well and if you already filled out the form with an e-mail address check your inbox.

Sekcija sa tajmerom

Dinamicki kreirana forma koja ne zahteva unosenje I adrese I imejla dovoljno je jedno od dva.

Kod:

HTML:

Jedini html van js-a koj sam ja odkucao je obojen narandzastom, male izmene ne-obojene

Index:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="Start your development with LeadMark landing page.">
    <meta name="author" content="Devcrud">
    <title>BookCase a Library Catalogue</title>
```

```html
    <!-- font icons -->
    <link rel="stylesheet" href="assets/vendors/themify-icons/css/themify-
icons.css">
    <!-- Bootstrap + LeadMark main styles -->
    <link rel="stylesheet" href="assets/css/leadmark.css">
    <script src="https://kit.fontawesome.com/e5a1f35471.js"
crossorigin="anonymous"></script>
</head>
<body data-spy="scroll" data-target=".navbar" data-offset="40" id="home">

    <!-- page Navigation -->
    <nav id="nb-navigation" class="navbar custom-navbar navbar-expand-md navbar-
light fixed-top" data-spy="affix" data-offset-top="10">
    </nav>
    <!-- End Of Second Navigation -->

    <!-- Page Header -->
    <header class="header">
        <div class="overlay">
            <h1 class="subtitle">Welcome to our online catalogue</h1>
            <h1 class="title">Book<span class="nb-span">Case</span></h1>
        </div>
        <div class="shape">
            <svg viewBox="0 0 1500 200">
                <path d="m 0,240 h 1500.4828 v -71.92164 c 0,0 -286.2763,-
81.79324 -743.19024,-81.79324 C 300.37862,86.28512 0,168.07836 0,168.07836 Z"/>
            </svg>
        </div>
        <div class="mouse-icon"><div class="wheel"></div></div>
    </header>
    <!-- End Of Page Header -->
    <span id="recomended"></span>
    <section class="section p-4" id="pocetna">
        <h6 class="section-title text-center mt-5">Our Archive Catalogue</h6>
        <h6 class="section-subtitle text-center mb-5 pb-3">Here you will find
every title we have available to check-out at our location, it will also give you
an opportunity to find a new title you might be interested in. Or if you're
feeling adventurous, you can let us pick for you</h6>
<h6 class="nb-visibility-hidden text-center mt-5" id="ajax-error"></h6>

    </section>
    <section id="nb-section-bg" class="section p-0">
        <div class="nb-row-width mx-auto">
        <form action="getphp.php" class="d-flex justify-content-end align-items-
center nb-flex-column" id="filter-form">
```

```html
<select name="sort-books" class="nb-form-select" id="ddlSort">
            <option value="0">Sort by</option>
            <option value="Title A-Z">Title A-Z</option>
            <option value="Title Z-A">Title Z-A</option>
            <option value="Price ASC">Price ASC</option>
            <option value="Price DESC">Price DESC</option>
            <option value="Author">Author</option>
        </select>

            <select name="filter-genres" class="nb-form-select"
id="ddlGenres"></select>
            <select name="filter-authors" class="nb-form-select"
id="ddlAuthors"></select>
            <select name="filter-types" class="nb-form-select"
id="ddlTypes"></select>
            <input type="button" value="Pick for Me" class="nb-form-select"
id="btnRandomBook"/>
            <input type="button" value="Filter" class="nb-form-select"
id="filterBtn"/>
        </form>
      </div>
    </section>
    <!-- Movie Section -->
    <section  id="service" class="section pt-0">

    </section>
    <!-- End OF Movie Section -->

    <!-- About Section -->

    <!-- End OF About Section -->

    <!-- Portfolio Section -->

    <!-- End of portfolio section -->

    <!-- Blog Section -->
    <section class="section" id="events">
        <div class="container">
            <h6 id="event-timer"class="section-title mb-0 text-center"></h6>
            <h6 id="event-description" class="section-subtitle mb-5 text-
center">Our book-club will be meeting-up soon, fill out the form if you want to
join, and if you want to read our catalog as well then provide us with your
address as well and if you already filled out the form with an e-mail address
check your inbox.</address></h6>
        </div>
```

```html
    </section>
    <!-- End of Blog Section -->

    <!-- Testmonial Section -->

    <!-- End of Testmonial Section -->

    <!-- Movie Card Modal-->
    <div id="modal" class="modal" tabindex="-1" role="dialog">
        <div class="modal-dialog modal-dialog-scrollabl" role="document">
            <div class="modal-content">
                <div class="modal-header">
                    <h5 class="modal-title">Modal title</h5>
                    <button type="button" id = "close-modal-x"class="close" data-
dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">
                </div>
                <div class="modal-footer">
                    <button id="close-modal"type="button" class="btn btn-primary" data-
dismiss="modal">Add to Cart</button>
                </div>
            </div>
        </div>
    </div>

    <!-- Contact Section -->
    <section id="contact" class="section has-img-bg pb-0">
        <div class="container">
            <div class="row align-items-center">
                <div class="col-md-5 my-3">
                    <h6 class="mb-0">Phone</h6>
                    <p class="mb-4">+ 123-456-7890</p>

                    <h6 class="mb-0">Address</h6>
                    <p class="mb-4">12345 Fake ST NoWhere AB Country</p>

                    <h6 class="mb-0">Email</h6>
                    <p class="mb-0">info@website.com</p>
                    <p></p>
                </div>
                <div class="col-md-7">
                    <form id="news-form"action="getphp.php">
```

```html
                        <h4 class="mb-4">Sing-Up for our News Letter</h4>
                        <div id = "form-row" class="form-row">
                        </div>
                    </form>
            </div>
        </div>
        <!-- Page Footer -->
        <footer class="mt-5 py-4 border-top border-secondary">
            <div class="row">
            <p class="col-6 mb-0 small">&copy; <script>document.write(new
Date().getFullYear())</script>, LeadMark Created By <a
href="https://www.devcrud.com" target="_blank">DevCrud.</a>  All rights reserved
</p>
                <div id="media" class="col-6">
                    <ul>
                        <li>
                            <a href="https://www.facebook.com/">
                                <i class="fab fa-facebook-square"></i>
                            </a>
                        </li>
                        <li>
                            <a href="https://twitter.com/?lang=en">
                                <i class="fab fa-twitter-square"></i>
                            </a>
                        </li>
                        <li>
                            <a href="https://www.instagram.com/">
                                <i class="fab fa-instagram"></i></i>
                            </a>
                        </li>
                        <li>
                            <a href="sitemap.xml">
                                <i class="fas fa-sitemap"></i>
                            </a>
                        </li>
                    </ul>
                </div>
                </div>

        </footer>
        <!-- End of Page Footer -->
    </div>
</section>

<!-- core  -->
```

```html
    <script src="assets/vendors/jquery/jquery-3.4.1.js"></script>
    <script src="assets/vendors/bootstrap/bootstrap.bundle.js"></script>

    <!-- bootstrap 3 affix -->
    <script src="assets/vendors/bootstrap/bootstrap.affix.js"></script>

    <!-- Isotope -->
    <script src="assets/vendors/isotope/isotope.pkgd.js"></script>

    <!-- LeadMark js -->
    <script src="assets/js/leadmark.js"></script>
    <!-- Nikola Bkic 70/21-->
    <script src="assets/js/main.js"></script>
    <script type =
"text/javascript"src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.m
in.js"></script>
</body>
</html>
```

About:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
    <meta name="description" content="Start your development with LeadMark
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    <meta name="author" content="Devcrud">
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    <script src="https://kit.fontawesome.com/e5a1f35471.js"
crossorigin="anonymous"></script>
</head>
<body data-spy="scroll" data-target=".navbar" data-offset="40" id="home">

    <!-- page Navigation -->
```

```html
    <nav id="nb-navigation" class="navbar custom-navbar navbar-expand-md navbar-
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    <header class="header">
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            <h1 class="title">Book<span class="nb-span">Case</span></h1>
        </div>
        <div class="shape">
            <svg viewBox="0 0 1500 200">
                <path d="m 0,240 h 1500.4828 v -71.92164 c 0,0 -286.2763,-
81.79324 -743.19024,-81.79324 C 300.37862,86.28512 0,168.07836 0,168.07836 Z"/>
            </svg>
        </div>
        <div class="mouse-icon"><div class="wheel"></div></div>
    </header>
    <!-- End Of Page Header -->
    <span id="recomended"></span>


    <!-- Movie Section -->
    <section  id="service" class="section pt-0">

    </section>
    <!-- End OF Movie Section -->

    <!-- About Section -->
    <section class="section" id="about">
        <div class="container">
            <div class="row justify-content-between">
                <div class="col-md-6 pr-md-5 mb-4 mb-md-0">
                    <h6 class="section-title mb-0">About the Club</h6>
                    <p>This site's purpose is to catalogue our archive for the
convenience of our readers, so that they can access our resources without having
to come in person.
                    </p>
                    <p>Subscribe to our newsletter to be notified of new
additions to the library.</p>
                </div>
                <div class="col-md-6 pl-md-5">
                    <div class="row">
                        <div class="col-12">
```

```html
                            <h6 class="section-title">Nikola Bkic 70/21</h6>
                            <p class="mb-4">Nikola Bkic is our first founding
member, and is still a leading member, infact he is the only member and really
hopes that you join so that he doesn't have to be alone anymore. So what are you
wating for!? Fill out the form at the bottom of the page and we will send you an
invite for our next group watching seasion.</p>

                        </div>
                    </div>
                </div>
                <div class="col-md-6 pr-md-5 mb-4 mb-md-0">
                    <img src="assets/imgs/about.jpg" alt="about-club" class="w-
100 mt-3 shadow-sm">
                </div>
                <div class="col-md-6 pr-md-5 mb-4 mb-md-0">
                    <img src="assets/imgs/me.jpg" alt="me" class="nb-custom-width
shadow-sm mt-3 ml-4">
                </div>
            </div>
        </div>
    </section>
    <!-- End OF About Section -->

    <!-- Portfolio Section -->

    <!-- End of portfolio section -->

    <!-- Blog Section -->
    <section class="section" id="events">
        <div class="container">
            <h6 id="event-timer"class="section-title mb-0 text-center"></h6>
            <h6 id="event-description" class="section-subtitle mb-5 text-
center">Our book-club will be meeting-up soon, fill out the form if you want to
join, and if you want to read our catalog as well then provide us with your
address as well and if you already filled out the form with an e-mail address
check your inbox.</address></h6>
        </div>
    </section>
    <!-- End of Blog Section -->

    <!-- Testmonial Section -->

    <!-- End of Testmonial Section -->

    <!-- Movie Card Modal-->
```

```html
    <!-- <div id="modal" class="modal" tabindex="-1" role="dialog">
        <div class="modal-dialog modal-dialog-scrollabl" role="document">
            <div class="modal-content">
                <div class="modal-header">
                    <h5 class="modal-title">Modal title</h5>
                    <button type="button" id = "close-modal-x"class="close" data-
dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">
                </div>
                <div class="modal-footer">
                    <button id="close-modal"type="button" class="btn btn-primary" data-
dismiss="modal">Add to Cart</button>
                </div>
            </div>
        </div>
    </div>
    -->
    <!-- Contact Section -->
    <section id="contact" class="section has-img-bg pb-0">
        <div class="container">
            <div class="row align-items-center">
                <div class="col-md-5 my-3">
                    <h6 class="mb-0">Phone</h6>
                    <p class="mb-4">+ 123-456-7890</p>

                    <h6 class="mb-0">Address</h6>
                    <p class="mb-4">12345 Fake ST NoWhere AB Country</p>

                    <h6 class="mb-0">Email</h6>
                    <p class="mb-0">info@website.com</p>
                    <p></p>
                </div>
                <div class="col-md-7">
                    <form id="news-form"action="getphp.php">
                        <h4 class="mb-4">Sing-Up for our News Letter</h4>
                        <div id = "form-row" class="form-row">
                        </div>
                    </form>
                </div>
            </div>
            <!-- Page Footer -->
            <footer class="mt-5 py-4 border-top border-secondary">
```

```html
                <div class="row">
                <p class="col-6 mb-0 small">&copy; <script>document.write(new
Date().getFullYear())</script>, LeadMark Created By <a
href="https://www.devcrud.com" target="_blank">DevCrud.</a>  All rights reserved
</p>
                <div id="media" class="col-6">
                    <ul>
                        <li>
                            <a href="https://www.facebook.com/">
                                <i class="fab fa-facebook-square"></i>
                            </a>
                        </li>
                        <li>
                            <a href="https://twitter.com/?lang=en">
                                <i class="fab fa-twitter-square"></i>
                            </a>
                        </li>
                        <li>
                            <a href="https://www.instagram.com/">
                                <i class="fab fa-instagram"></i></i>
                            </a>
                        </li>
                        <li>
                            <a href="sitemap.xml">
                                <i class="fas fa-sitemap"></i>
                            </a>
                        </li>
                    </ul>
                </div>
                </div>

        </footer>
        <!-- End of Page Footer -->
    </div>
</section>

<!-- core  -->
<script src="assets/vendors/jquery/jquery-3.4.1.js"></script>
<script src="assets/vendors/bootstrap/bootstrap.bundle.js"></script>

<!-- bootstrap 3 affix -->
<script src="assets/vendors/bootstrap/bootstrap.affix.js"></script>

<!-- Isotope -->
<script src="assets/vendors/isotope/isotope.pkgd.js"></script>
```

```html
    <!-- LeadMark js -->
    <script src="assets/js/leadmark.js"></script>
    <!-- Nikola Bkic 70/21-->
    <script src="assets/js/main.js"></script>
    <script type =
"text/javascript"src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.m
in.js"></script>
</body>
</html>
```

JSON:

Books.json

```json
[
    {
        "productID": 1,
        "title": "The God Delusion",
        "authorID": 1,
        "img": "godDelusion.jpg",
        "formats":
        [
            {
            "type": 1,
            "price": 19.99,
            "details":
            [
                {
                    "name": "Product Dimensions",
                    "value": "5.40(w) x 8.20(h) x 1.30(d)"
                },
                {
                    "name": "Page Count",
                    "value": 464
                }
            ]
            },
            {
            "type": 4,
            "price": 14.99,
            "details":
                [
                    {
                        "name": "File size",
                        "value": "826 KB"
```

```json
                },
                {
                    "name": "Page Count",
                    "value": 464
                }
            ]
        },
        {
        "type": 3,
        "price": 9.99,
        "details":
            [
                {
                    "name": "Listening leangth",
                    "value": "13 hours, 53 minutes"
                },
                {
                    "name": "File size",
                    "value": "1.1 MB"
                }
            ]
        }
    ],
    "published": "01/19/2007",
    "genreID": 1,
    "description": "Dawkins has fashioned an impassioned, rigorous rebuttal
to religion, to be embraced by anyone who sputters at the inconsistencies and
cruelties that riddle the Bible, bristles at the inanity of 'intelligent design',
or agonizes over fundamentalism in the Middle East-or Middle America."
    },
    {
        "productID": 2,
        "title": "The Da Vinci Code",
        "authorID": 2,
        "img": "daVinchiCode.jpg",
        "formats":
        [
            {
            "type": 1,
            "price": 15.95,
            "details":
            [
                {
                    "name": "Product Dimensions",
                    "value": "5.24(w) x 8.02(h) x 1.00(d)"
```

```
                },
                {
                    "name": "Page Count",
                    "value": 480
                }
            ]
        },
        {
            "type": 2,
            "price": 35.00,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "6.10(w) x 9.30(h) x 1.40(d)"
                    },
                    {
                        "name": "Page Count",
                        "value": 454
                    }
                ]
        },
        {
            "type": 3,
            "price": 11.99,
            "details":
                [
                    {
                        "name": "Listening leangth",
                        "value": "6 hours, 11 minutes"
                    },
                    {
                        "name": "File size",
                        "value": "1.1 MB"
                    }
                ]
        }
    ],
    "published": "03/28/2006",
    "genreID": 2,
    "description": "The Da Vinci Code heralds the arrival of a new breed of
lightning-paced, intelligent thriller¿utterly unpredictable right up to its
stunning conclusion."
},
{
```

```json
"productID": 3,
"title": "Harry Potter and the Deathly Hallows",
"authorID": 3,
"img": "HP_DH.jpg",
"formats":
[
    {
    "type": 1,
    "price": 13.99,
    "details":
    [
        {
            "name": "Product Dimensions",
            "value": "7.64(w) x 5.30(h) x 1.73(d)"
        },
        {
            "name": "Page Count",
            "value": 784
        }
    ]
    },
    {
    "type": 2,
    "price": 34.19,
    "details":
        [
            {
                "name": "Product dimensions",
                "value": "6.40(w) x 9.10(h) x 2.20(d)"
            },
            {
                "name": "Page Count",
                "value": 784
            }
        ]
    },
    {
    "type": 3,
    "price": 39.99,
    "details":
        [
            {
                "name": "Listening leangth",
                "value": "21 hours, 36 minutes"
            },
```

```
                    {
                        "name": "File size",
                        "value": "2.3 MB"
                    }
                ]
            }
        ],
        "published": "07/07/2009",
        "genreID": 3,
        "description": "\"Give me Harry Potter,' said Voldemort's voice, 'and
none shall be harmed. Give me Harry Potter, and I shall leave the school
untouched. Give me Harry Potter, and you will be rewarded.\""
    },
    {
        "productID": 4,
        "title": "Harry Potter and the Deathly Hallows",
        "authorID": 3,
        "img": "HP_PS.jpg",
        "formats":
        [
            {
            "type": 2,
            "price": 20.00,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "5.27(w) x 8.15(h) x 0.91(d)"
                    },
                    {
                        "name": "Page Count",
                        "value": 272
                    }
                ]
            }
        ],
        "published": "06/26/1997",
        "genreID": 3,
        "description": "Harry Potter and the Philosopher's Stone is a 1997
fantasy novel written by British author J. K. Rowling."
    },
    {
        "productID": 5,
        "title": "Harry Potter and the Prisoner of Azkaban",
        "authorID": 3,
```

```json
        "img": "HP_PA.jpg",
        "formats":
        [
            {
            "type": 1,
            "price": 10.99,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "5.25(w) x 7.63(h) x 0.00(d)"
                    },
                    {
                        "name": "Page Count",
                        "value": 448
                    }
                ]
            }
        ],
        "published": "05/31/2006",
        "genreID": 3,
        "description": "You-Know-Who was Black's downfall as well. And the
Azkaban guards heard Black muttering in his sleep, \"He's at Hogwarts... he's at
Hogwarts.\"Harry Potter isn't safe, not even within the walls of his magical
school, surrounded by his friends. Because on top of it all, there may be a
traitor in their midst."
    },
    {
        "productID": 6,
        "title": "Angels and Demons",
        "authorID": 2,
        "img": "angels&demons.jpg",
        "formats":
        [
            {
            "type": 1,
            "price": 18.99,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "5.30(w) x 8.20(h) x 1.30(d)"
                    },
                    {
                        "name": "Page Count",
```

```json
                    "value": 496
                }
            ]
        },
        {
        "type": 4,
        "price": 9.99,
        "details":
            [
                {
                    "name": "File size",
                    "value": "4 MB"
                },
                {
                    "name": "Page Count",
                    "value": 448
                }
            ]
        }
    ],
    "published": "05/03/2005",
    "genreID": 2,
    "description": "Langdon's worst fears are confirmed on the eve of the
Vatican's holy conclave, when a messenger of the Illuminati announces they have
hidden an unstoppable time bomb at the very heart of Vatican City. With the
countdown under way, Langdon jets to Rome to join forces with Vittoria Vetra, a
beautiful and mysterious Italian scientist, to assist the Vatican in a desperate
bid for survival."
    },
    {
        "productID": 7,
        "title": "The Lost Symbol",
        "authorID": 2,
        "img": "lostSymbol.jpg",
        "formats":
        [
            {
            "type": 1,
            "price": 8.99,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "4.20(w) x 7.50(h) x 1.80(d)"
                    },
```

```json
                {
                    "name": "Page Count",
                    "value": 656
                }
            ]
        },
        {
        "type": 2,
        "price": 35.00,
        "details":
            [
                {
                    "name": "Product dimensions",
                    "value": "6.20(w) x 9.10(h) x 2.00(d)"
                },
                {
                    "name": "Page Count",
                    "value": 528
                }
            ]
        }
    ],
    "published": "09/15/2009",
    "genreID": 2,
    "description": "Famed Harvard symbologist Robert Langdon answers an
unexpected summons to appear at the U.S. Capitol Building. His plans are
interrupted when a disturbing object—artfully encoded with five symbols—is
discovered in the building. Langdon recognizes in the find an ancient invitation
into a lost world of esoteric, potentially dangerous wisdom."
    },
    {
        "productID": 8,
        "title": "The Complete Sherlock Holmes Collection",
        "authorID": 4,
        "img": "SherlockComplete.jpg",
        "formats":
        [
            {
            "type": 2,
            "price": 48.99,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "6.20(w) x 9.30(h) x 2.20(d)"
```

```json
                },
                {
                    "name": "Page Count",
                    "value": 1096
                }
            ]
        }
    ],
    "published": "10/14/1892",
    "genreID": 4,
    "description": "Sherlock Holmes is a fictional detective of the late 19th
and early 20th centuries, who first appeared in publication in 1887. He was
devised by British author and physician Sir Arthur Conan Doyle. A brilliant
London-based detective, Holmes is famous for his prowess at using logic and
astute observation to solve cases."
    },
    {
        "productID": 9,
        "title": "A Storm of Swords",
        "authorID": 5,
        "img": "stormOfSwords.jpg",
        "formats":
        [
            {
            "type": 2,
            "price": 32.49,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "6.64(w) x 9.60(h) x 2.23(d)"
                    },
                    {
                        "name": "Page Count",
                        "value": 992
                    }
                ]
            },
            {
                "type": 1,
                "price": 17.99,
                "details":
                [
                    {
                        "name": "Product dimensions",
```

```json
                    "value": "6.14(w) x 9.18(h) x 1.74(d)"
                },
                {
                    "name": "Page Count",
                    "value": 1008
                }
            ]
        }
    ],
    "published": "10/31/2000",
    "genreID": 5,
    "description": "Of the five contenders for power, one is dead, another in
disfavor, and still the wars rage as violently as ever, as alliances are made and
broken. Joffrey, of House Lannister, sits on the Iron Throne, the uneasy ruler of
the land of the Seven Kingdoms. His most bitter rival, Lord Stannis, stands
defeated and disgraced, the victim of the jealous sorceress who holds him in her
evil thrall. But young Robb, of House Stark, still rules the North from the
fortress of Riverrun. Robb plots against his despised Lannister enemies, even as
they hold his sister hostage at King's Landing, the seat of the Iron Throne.
Meanwhile, making her way across a blood-drenched continent is the exiled queen,
Daenerys, mistress of the only three dragons still left in the world. . . ."
    },
    {
        "productID": 10,
        "title": "A Feast For Crows",
        "authorID": 5,
        "img": "feastForCrows.jpg",
        "formats":
        [
            {
            "type": 2,
            "price": 32.49,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "6.50(w) x 9.62(h) x 1.60(d)"
                    },
                    {
                        "name": "Page Count",
                        "value": 784
                    }
                ]
            },
            {
```

```json
                    "type": 1,
                    "price": 15.99,
                    "details":
                    [
                        {
                            "name": "Product dimensions",
                            "value": "5.80(w) x 8.90(h) x 1.40(d)"
                        },
                        {
                            "name": "Page Count",
                            "value": 784
                        }
                    ]
                }
            ],
            "published": "10/30/2007",
            "genreID": 5,
            "description": "It seems too good to be true. After centuries of bitter
strife and fatal treachery, the seven powers dividing the land have decimated one
another into an uneasy truce. Or so it appears. . . . With the death of the
monstrous King Joffrey, Cersei is ruling as regent in King's Landing. Robb
Stark's demise has broken the back of the Northern rebels, and his siblings are
scattered throughout the kingdom like seeds on barren soil. Few legitimate claims
to the once desperately sought Iron Throne still exist—or they are held in hands
too weak or too distant to wield them effectively. The war, which raged out of
control for so long, has burned itself out."
        },
        {
            "productID": 11,
            "title": "The Hobbit and The Lord of the Rings Boxed Set",
            "authorID": 6,
            "img": "LOTR-FULLCollection.jpg",
            "formats":
            [
                {
                    "type": 1,
                    "price": 72.00,
                    "details":
                    [
                        {
                            "name": "Product dimensions",
                            "value": "5.60(w) x 8.40(h) x 4.30(d)"
                        },
                        {
                            "name": "Page Count",
```

```json
                    "value": 1504
                }
            ]
        }
    ],
    "published": "09/18/2012",
    "genreID": 5,
    "description": "Immerse yourself in J.R.R. Tolkien's epic masterworks The
Hobbit and the three volumes of The Lord of the Rings (The Fellowship of the
Ring, The Two Towers, and The Return of the King) with this stunning four-volume,
deluxe paperback boxed set."
},
{
    "productID": 12,
    "title": "The Silmarillion",
    "authorID": 6,
    "img": "silmarillion.jpg",
    "formats":
    [
        {
            "type": 1,
            "price": 15.99,
            "details":
            [
                {
                    "name": "Product dimensions",
                    "value": "5.50(w) x 8.20(h) x 1.00(d)"
                },
                {
                    "name": "Page Count",
                    "value": 384
                }
            ]
        },
        {
            "type": 2,
            "price": 30.00,
            "details":
            [
                {
                    "name": "Product dimensions",
                    "value": "5.50(w) x 8.25(h) x 1.12(d)"
                },
                {
                    "name": "Page Count",
```

```json
                    "value": 384
                }
            ]
        }
    ],
    "published": "09/18/2012",
    "genreID": 5,
    "description": "Immerse yourself in J.R.R. Tolkien's epic masterworks The
Hobbit and the three volumes of The Lord of the Rings (The Fellowship of the
Ring, The Two Towers, and The Return of the King) with this stunning four-volume,
deluxe paperback boxed set."
},
{
    "productID": 13,
    "title": "Dune - Deluxe Edition",
    "authorID": 7,
    "img": "dune-exclusive.jpg",
    "formats":
    [
        {
            "type": 2,
            "price": 32.99,
            "details":
            [
                {
                    "name": "Product dimensions",
                    "value": "6.20(w) x 9.00(h) x 2.30(d)"
                },
                {
                    "name": "Page Count",
                    "value": 688
                }
            ]
        }
    ],
    "published": "10/04/2022",
    "genreID": 1,
    "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..."
},
{
    "productID": 14,
```

```json
    "title": "Dune Messiah",
    "authorID": 7,
    "img": "dune-messiah.jpg",
    "formats":
    [
        {
            "type": 1,
            "price": 19.99,
            "details":
            [
                {
                    "name": "Product dimensions",
                    "value": "5.60(w) x 8.30(h) x 0.90(d)"
                },
                {
                    "name": "Page Count",
                    "value": 304
                }
            ]
        },
        {
            "type": 4,
            "price": 9.99,
            "details":
            [
                {
                    "name": "File size",
                    "value": "1 MB"
                },
                {
                    "name": "Page Count",
                    "value": 336
                }
            ]
        },
        {
            "type": 3,
            "price": 5.99,
            "details":
            [
                {
                    "name": "File size",
                    "value": "3 MB"
                },
                {
```

```json
                    "name": "Listening leangth",
                    "value": "8 hours, 58 minutes"
                }
            ]
        }
    ],
    "published": "09/04/2007",
    "genreID": 1,
    "description": "Dune Messiah continues the story of Paul Atreides, better
known—and feared—as the man christened Muad'Dib. As Emperor of the known
universe, he possesses more power than a single man was ever meant to wield.
Worshipped as a religious icon by the fanatical Fremen, Paul faces the enmity of
the political houses he displaced when he assumed the throne—and a conspiracy
conducted within his own sphere of influence."
    },
    {
        "productID": 15,
        "title": "The Magic of Reality",
        "authorID": 1,
        "img": "magicOfReality.jpg",
        "formats":
        [
            {
                "type": 1,
                "price": 15.99,
                "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "5.60(w) x 8.30(h) x 0.90(d)"
                    },
                    {
                        "name": "Page Count",
                        "value":  267
                    }
                ]
            },
            {
                "type": 4,
                "price": 13.99,
                "details":
                [
                    {
                        "name": "File size",
                        "value": "31 MB"
```

```json
                    },
                    {
                        "name": "Page Count",
                        "value":    272
                    }
                ]
            },
            {
                "type": 3,
                "price": 16.99,
                "details":
                [
                    {
                        "name": "File size",
                        "value": "3 MB"
                    },
                    {
                        "name": "Listening leangth",
                        "value": "8 hours, 58 minutes"
                    }
                ]
            }
        ],
        "published": "10/04/2011",
        "genreID": 1,
        "description": "Richard Dawkins, the world's most famous evolutionary
biologist, presents a gorgeously lucid, science book examining some of the
nature's most fundamental questions both from a mythical and scientific
perspective."
    },
    {
        "productID": 16,
        "title": "A Dance With Dragons",
        "authorID": 5,
        "img": "danceWithDragons.jpg",
        "formats":
        [
            {
            "type": 2,
            "price": 32.49,
            "details":
                [
                    {
                        "name": "Product dimensions",
                        "value": "6.50(w) x 9.62(h) x 1.60(d)"
```

```
            },
            {
                "name": "Page Count",
                "value": 584
            }
        ]
    },
    {
        "type": 1,
        "price": 15.99,
        "details":
        [
            {
                "name": "Product dimensions",
                "value": "5.80(w) x 8.90(h) x 1.40(d)"
            },
            {
                "name": "Page Count",
                "value": 584
            }
        ]
    }
],
"published": "10/29/2013",
"genreID": 5,
"description": "In the aftermath of a colossal battle, the future of the
Seven Kingdoms hangs in the balance—beset by newly emerging threats from every
direction. In the east, Daenerys Targaryen, the last scion of House Targaryen,
rules with her three dragons as queen of a city built on dust and death. But
Daenerys has thousands of enemies, and many have set out to find her. As they
gather, one young man embarks upon his own quest for the queen, with an entirely
different goal in mind."
    }
]
```

genre.json

```
[
    {
        "id": 1,
        "name": "Popular Science"
    },
    {
        "id": 2,
```

```json
        "name": "Thriller & Adventure"
    },
    {
        "id": 3,
        "name": "Children's Fiction"
    },
    {
        "id": 4,
        "name": "Crime"
    },
    {
        "id": 5,
        "name": "Fantasy"
    }
]
```

authors.json

```json
[
    {
        "id": 1,
        "name": "Richard Dawkins"
    },
    {
        "id": 2,
        "name": "Dan Brown"
    },
    {
        "id": 3,
        "name": "J. K. Rowling"
    },
    {
        "id": 4,
        "name": "Athur Conan Doyle"
    },
    {
        "id": 5,
        "name": "George R. R. Martin"
    },
    {
        "id": 6,
        "name": "J. R. R. Tolkien"
    },
    {
```

```
        "id": 7,
        "name": "Frank Herbert"
    }
]
```

Types.json

```
[
    {
        "id": 1,
        "name": "Paperback"
    },
    {
        "id": 2,
        "name": "Hardcover"
    },
    {
        "id": 3,
        "name": "Audiobook"
    },
    {
        "id": 4,
        "name": "Ebook"
    }
]
```

JAVA SCRIPT:

```
//https://www.free-css.com/free-css-templates/page282/leadmark
let navigationLocation = document.querySelector("#nb-navigation");
let navigationDefault = `<div class="container">
<a class="navbar-brand" href="#">
    <h1 class="title nb-title navbar-fixed-top.scrolled">Book<span class="nb-
span">Case</span></h1>
</a>
<div class="collapse navbar-collapse" id="navbarSupportedContent">
    <ul class="navbar-nav ml-auto">`;
let navigationList = ["index.html", "about.html"];
let navigationText = ["Archive", "About Us"]

for(let i in navigationList){
    navigationDefault += `<li class="nav-item">
    <a class="nav-link" href="${navigationList[i]}">${navigationText[i]}</a>
</li>`
```

```
}
navigationDefault += `<li class="nav-item">
<a href="Dokumentacija.pdf" class="ml-4 nav-link btn btn-primary btn-sm
rounded">Documentation</a>
</li>
</ul>
</div>
</div>`
navigationLocation.innerHTML = navigationDefault
if(window.location.href == "https://nikolabkic27.github.io/" ||
window.location.href == "https://nikolabkic27.github.io/index.html"){

window.onload= function(){
    ajaxCallback('authors.json', function(rez){
        IntoLS(rez, 'authors');
    })
    ajaxCallback('books.json', function(rez){
        IntoLS(rez, 'books')
    })
    ajaxCallback('genre.json', function(rez){
        IntoLS(rez, 'genres')
    })
    ajaxCallback('types.json', function(rez){
        IntoLS(rez, 'types')
    })
    ajaxCallback('books.json', function(rez){
        showBooks(rez);
    })
    if(window.location.href != undefined){
        console.log(window.location.href);
    }
}
// showBooks(retrieveFromLS('books'))


//DDL CREATION
let ddlGenres = document.querySelector("#ddlGenres");
let option0Genres = "Choose Genre";
ajaxCallback("genre.json", function(genresArray){
    createDDlOptions(ddlGenres, option0Genres, genresArray);
})
let ddlAuthors = document.querySelector("#ddlAuthors");
let option0Authors = "Choose Author";
ajaxCallback("authors.json", function(authorsArray){
    createDDlOptions(ddlAuthors, option0Authors, authorsArray);
```

```javascript
})
let ddlTypes = document.querySelector("#ddlTypes");
let option0Types = "Choose Type";
ajaxCallback("types.json", function(typesArray){
    createDDlOptions(ddlTypes, option0Types, typesArray);
})
//END OF DDL CREATION

//Start of filtering content

let btnFilter = document.querySelector("#filterBtn");
let btnRandomBook = document.querySelector("#btnRandomBook");
//START OF RANDOM
btnRandomBook.addEventListener("click", function(){
    let booksArray = retrieveFromLS("books");
    let randomIndex = parseInt(Math.floor(Math.random()*(booksArray.length)+1))
    console.log(randomIndex);

    for (let book of booksArray){
        if (book.productID == randomIndex){
            booksArray = [book];
            console.log(booksArray);
        }
    }
    showBooks(booksArray);
})


//END OF RANDOM
function filterBooks(){
    let selectedGenre = ddlGenres.options[ddlGenres.selectedIndex].value;
    let selectedAuthor = ddlAuthors.options[ddlAuthors.selectedIndex].value;
    let booksArray = retrieveFromLS("books");
    // console.log(selectedGenre);
    if(selectedGenre == "0" && selectedAuthor == "0"){
        showBooks(booksArray);
    }
    else{
        let filteredBooksArray = [];
        if(selectedAuthor != "0"){
            for(let book of booksArray){
                if(book.authorID == parseInt(selectedAuthor)){
                    filteredBooksArray.push(book);
                }
            }
        }
```

```javascript
                booksArray = filteredBooksArray;
            }
            if(selectedGenre != "0"){
                filteredBooksArray = [];
                for(let book of booksArray){
                    if(book.genreID == parseInt(selectedGenre)){
                        filteredBooksArray.push(book);
                    }
                }
                booksArray = filteredBooksArray;
            }
            showBooks(booksArray)
        }
    }
}
//DEFAULT
filterBtn.addEventListener("click", function(){
    let selectedGenre = ddlGenres.options[ddlGenres.selectedIndex].value;
    let selectedAuthor = ddlAuthors.options[ddlAuthors.selectedIndex].value;
    let selectedType = ddlTypes.options[ddlTypes.selectedIndex].value;
    let booksArray = retrieveFromLS("books");
    // console.log(selectedGenre);
    if(selectedGenre == "0" && selectedAuthor == "0" && selectedType == "0"){
        if(selectedSort == "0"){

            showBooks(booksArray);
        }
        else{
            showBooks(sortBooks(booksArray, selectedSort))
        }

    }
    else{
        let filteredBooksArray = [];
        if(selectedAuthor != "0"){
            for(let book of booksArray){
                if(book.authorID == parseInt(selectedAuthor)){
                    filteredBooksArray.push(book);
                }
            }
            booksArray = filteredBooksArray;
        }
        if(selectedGenre != "0"){
            filteredBooksArray = [];
            for(let book of booksArray){
                if(book.genreID == parseInt(selectedGenre)){
                    filteredBooksArray.push(book);
```

```javascript
                    }
                }
                booksArray = filteredBooksArray;
            }
            if(selectedType != "0"){
                filteredBooksArray = [];
                for(let book of booksArray){
                    for(let format of book.formats){
                        if(format.type == parseInt(selectedType)){
                            book.formats = [format];
                            filteredBooksArray.push(book);
                            break;
                        }
                    }
                }
                booksArray = filteredBooksArray;
            }
            if(selectedSort == "0"){

                showBooks(booksArray)
            }
            else{
            showBooks(sortBooks(booksArray, selectedSort))
            }


    }
})
//END OF DEFAULT
//End of filtering content
}


//Start of Timer
let targetDate= new Date ("Mar 20, 2023 16:30:00").getTime();
setInterval(function() {
    let currentTime = new Date().getTime()
    let remainingTime = targetDate - currentTime;


    let days = Math.floor(remainingTime / (1000 * 60 * 60 * 24))
    let hours = Math.floor((remainingTime % (1000 * 60 * 60 * 24)) / (1000 * 60 *
60));
    let minutes = Math.floor((remainingTime % (1000 * 60 * 60)) / (1000 * 60))
    let seconds = Math.floor((remainingTime % (1000 * 60)) / 1000)
```

```javascript
        if(remainingTime > 0){
            document.getElementById("event-timer").innerHTML = `${days}d ${hours}h
${minutes}m ${seconds}s`
        }
        else {
            document.getElementById("event-timer").innerHTML = "Looks like we missed
you, don't worry a new meet-up time will be posted shortly"
         }


        // If the count down is finished, write some text

    }, 1000);
//End of Timer

//Start of Form Generation
let divFormRow = document.querySelector("#form-row");
let namesAndIds = ["first-name", "last-name", "phone", "email", "address"]
let placeholders = ["First Name", "Last name", "Phone: +381 6X XXXXXXX",
"Email(optional)", "Address(optional)"]
let listOfClasses = ["form-control", "text-white", "rounded-0", "bg-transparent"]
let pTagClasses = ["alert", "alert-danger", "nb-visibility-hidden"]

//Input Tags
for (let i in namesAndIds){
    let firstDiv = document.createElement("div");
    firstDiv.classList.add("form-group")
    firstDiv.classList.add("col-sm-4")
    let inputText = document.createElement("input")
    inputText.setAttribute("type","text")
    inputText.setAttribute("id",`${namesAndIds[i]}`)
    inputText.setAttribute("name",`${namesAndIds[i]}`)
    inputText.setAttribute("placeholder",`${placeholders[i]}`)
    for (let i in listOfClasses){
        inputText.classList.add(`${listOfClasses[i]}`)
    }
    firstDiv.appendChild(inputText);
    let secondDiv = document.createElement("div")
    secondDiv.classList.add("form-group");
    let secondDivP = document.createElement("p");
    for(let i in pTagClasses){
        secondDivP.classList.add(`${pTagClasses[i]}`)
    }
    let secondDivPNode = document.createTextNode("");
    secondDivP.appendChild(secondDivPNode);
```

```javascript
        secondDiv.appendChild(secondDivP);
        firstDiv.appendChild(secondDiv);
        divFormRow.appendChild(firstDiv)
}
//Radio Btns
let divAlt = document.createElement("div")
divAlt.classList.add("form-group")
divAlt.classList.add("col-12")
let genders = ["Male", "Female"]
for(let i in genders){
    let labelRbtn = document.createElement("label");
    labelRbtn.setAttribute("for",`gender`)
    labelRbtn.appendChild(document.createTextNode(`${genders[i]}:`))
    labelRbtn.classList.add("nb-rabio-label");
    divAlt.appendChild(labelRbtn)
    let rbtn = document.createElement("input");
    rbtn.setAttribute("type", "radio")
    rbtn.classList.add("nb-radio")
    rbtn.setAttribute("id", `radio${genders[i]}`)
    rbtn.setAttribute("value", `${genders[i].substring(0,1).toLowerCase()}`)
    rbtn.setAttribute("name","gender");
    rbtn.classList.add("mr-1")
    rbtn.classList.add("ml-1")
    divAlt.appendChild(rbtn);
}
let RbtnP = document.createElement("p")
RbtnP.classList.add("alert")
RbtnP.classList.add("alert-danger")
RbtnP.classList.add("nb-visibility");
RbtnP.appendChild(document.createTextNode(""));
divAlt.appendChild(RbtnP)
divFormRow.appendChild(divAlt)
//Button
let finalDiv = document.createElement("div");
finalDiv.classList.add("form-group")
finalDiv.classList.add("col-12")
finalDiv.classList.add("mb-0")
let btnP = document.createElement("p");
btnP.classList.add("nb-dispay-none");
btnP.setAttribute("id", "form-sucs")
btnP.appendChild(document.createTextNode(""));
finalDiv.appendChild(btnP);
let btn = document.createElement("button");
btn.classList.add("btn")
btn.classList.add("btn-primary")
```

```javascript
btn.classList.add("rounded")
btn.classList.add("w-md")
btn.classList.add("mt-3")
btn.setAttribute("id", "info-btn")
btn.setAttribute("type", "button")
btn.appendChild(document.createTextNode("Send"))
finalDiv.appendChild(btn)
divFormRow.appendChild(finalDiv)
//End of Form Generation

//Start of Form Validation
let nameRegex = /^([A-Z][a-z]{2,19})(\s[A-Z][a-z)]{2,19})?$/;
let phoneRegex = /^\+381\s6[0-9]\s[0-9]{3}\s?[0-9]{4}$/;
let emailRegex = /^([a-z]|[0-9])[a-z0-9\_\-\.]{3,29}[a-z0-
9](@gmail.com|@yahoo.com|@outlook.com)$/
let addressRegex = /^(([1-9][0-9]{0,4}\/?\-?\.?)|([A-Z][a-z]{1,19}\.?\-
?\/?))(\s[A-Z0-9][a-z\/\-\.0-9]{0,19})(([a-z])|(\s[1-9][0-9]{0,2}\.?)|\s[A-
Z]){1,6}$/

let genderArray = document.getElementsByName("gender");
let firstName = document.querySelector("#first-name");
let lastName = document.querySelector("#last-name");
let email = document.querySelector("#email");
let address = document.querySelector("#address");
// let phone = document.querySelector("#phone");
// phone.setAttribute("value","Lose Uneseno!")
// phone.value= "22"
// phone.classList.remove("text-white")
// phone.classList.add("text-warning")

let infoBtn = document.querySelector("#info-btn");
infoBtn.addEventListener("click",function(){
    let mistakeCount = 0;
    mistakeCount += regexValidation(firstName, nameRegex, "Input Mistake,
Example: James Thomas, Middle Names Allowed")
    mistakeCount += regexValidation(lastName, nameRegex, "Input Mistake, Example:
Jefferson Blackwater, Double-barrelled names allowed")
    mistakeCount += regexValidation(phone, phoneRegex, "Input Mistake, Example:
+381 61 231 6549")
    mistakeCount += addressAndEmail();
    mistakeCount += radioCheck();

    if (mistakeCount == 5){
        document.querySelector("#form-sucs").classList.add("nb-input-success")
```

```javascript
        document.querySelector("#form-sucs").innerHTML = "Thank you! Your data
has been saved and succesfully."
        document.querySelector("#form-sucs").classList.remove("nb-dispay-none")
        document.querySelector("#news-form").reset();
    }
    else{
        document.querySelector("#form-sucs").classList.remove("nb-input-success")
        document.querySelector("#form-sucs").innerHTML = "";
        document.querySelector("#form-sucs").classList.add("nb-dispay-none")
    }
});
//END OF FORM VALIDATION

//START OF JQUERY SECTION
$(document).ready(function(){
    var scroll_pos = 0;
    $(document).scroll(function() {
        scroll_pos = $(this).scrollTop();
        if(scroll_pos > 40) {
            $('.nb-title').css('color', '#000');
        } else {
            $('.nb-title').css('color', '#fff');
        }
});
document.querySelector("#close-modal").addEventListener("click", function(e){
    e.preventDefault()
    $("#modal").css("display", "none");
})
document.querySelector("#close-modal-x").addEventListener("click", function(e){
e.preventDefault()
$("#modal").css("display", "none");
})
});
//END OF JQUERY SECTION


function showBooks(books){
    console.log(books);
    let sectionLocation = document.querySelector("#service");
    let authors = retrieveFromLS('authors');
    let genres = retrieveFromLS('genres');
    let types = retrieveFromLS('types');
    let bookList = `<div class="container-fluid m-0 mx-auto">
    <div class="row nb-row-width mx-auto mt-3 mb-3">`;
    for(let book of books){
```

```javascript
        bookList += `<div class="col-xl-2 col-lg-3 col-md-4 col-12">
                        <div class="card">
                            <img src="assets/imgs/${book.img}" class="card-img-
top" alt="${book.title}"/>
                            <div class="card-body">
                                <h5 class="card-title">${book.title}</h5>
                                <ul>`;
        for(let type of types){
            if(book.formats[0].type == type.id){
                bookList += `<li>${type.name}</li>`;
                break;
            }
        }
        for(let author of authors){
            if(author.id == book.authorID){
                bookList += `<li>${author.name}</li>`;
                break;
            }
        }
        for(let genre of genres){
            if(genre.id == book.genreID){
                bookList += `<li>${genre.name}</li>`;
                break;
            }
        }
        bookList += `</ul>
                        <p class="card-text">$${book.formats[0].price}</p>
                        </div>
                        <button type="button" id="${book.productID}"class="btn btn-
primary nb-get-modal" data-bs-toggle="modal" data-bs-target="#exampleModal">Read
More</button>
                        </div>
                        </div>`;
    }
    bookList += `</div></div>`;
    sectionLocation.innerHTML = bookList;
    modalContent();
    // console.log(bookList);
}


function createDDlOptions(ddlID, textForOptionZero, optionsArray){
    let opt0 = document.createElement("option");
    opt0.setAttribute("value", "0");
    let opt0Text = document.createTextNode(textForOptionZero);
```

```javascript
        opt0.appendChild(opt0Text);
        ddlID.appendChild(opt0);

        for(let member of optionsArray){
            let option = document.createElement("option");
            option.setAttribute("value", `${member.id}`);
            let optionText = document.createTextNode(`${member.name}`);
            option.appendChild(optionText);
            ddlID.appendChild(option);
        }
}


function radioCheck (){
    let checkedValue = "";
    for(let i in genderArray){
        if(genderArray[i].checked){
            checkedValue = genderArray[i].value;
            break;//Iako ima samo dve moguce vrednosti ostavio sam break radi
ispravnosti s obzirom da je radioBtn
        }
    }
    if(checkedValue == ""){
        genderArray[0].parentElement.lastElementChild.innerHTML = "Please Select
An Option";
        genderArray[0].parentElement.lastElementChild.classList.remove("nb-
visibility-hidden")
        return 0;
    }
    else{
        genderArray[0].parentElement.lastElementChild.classList.add("nb-
visibility-hidden")
        return 1;
    }
}


function addressAndEmail (){
    if (email.value == "" && address.value == ""){
        email.classList.add("nb-input-mistake")
        email.nextElementSibling.firstElementChild.innerHTML = "Plese enter an
address and/or email";
        email.nextElementSibling.firstElementChild.classList.remove("nb-
visibility-hidden")
        address.classList.add("nb-input-mistake")
```

```
        address.nextElementSibling.firstElementChild.innerHTML = "Plese enter an
address and/or email";
        address.nextElementSibling.firstElementChild.classList.remove("nb-
visibility-hidden")
        return 0;
    }
    else if(email.value && address.value){
        if (regexValidation(email, emailRegex, "Input Mistake, <br/>Example:
stuff2716@gmail.com. Other accepted domains: @yahoo.com and @outlook.com") == 1
&&
        regexValidation(address,addressRegex, "Input Mistake, Example: St.
Andrels Church 21. Vallaki Road") == 1){
            return 1;
        }
    }
    else if (email.value){
        if (regexValidation(email, emailRegex, "Input Mistake, <br/>Example:
stuff2716@gmail.com. Other accepted domains: @yahoo.com and @outlook.com") == 1){
            address.classList.remove("nb-input-mistake")
            address.nextElementSibling.firstElementChild.classList.add("nb-
visibility-hidden")
            return 1;
        }
    }
    else{
        if (regexValidation(address,addressRegex, "Input Mistake, Example: St.
Andrels Church 21. Vallaki Road")){
        email.classList.remove("nb-input-mistake")
        email.nextElementSibling.firstElementChild.classList.add("nb-visibility-
hidden")
        return 1;
        }
    }
}


function regexValidation(tag, regex, error){
    if(regex.test(tag.value)){
        tag.classList.remove("nb-input-mistake")
        tag.nextElementSibling.firstElementChild.classList.add("nb-visibility-
hidden")
        return 1;
    }
    else{
        tag.classList.add("nb-input-mistake")
```

```
        tag.nextElementSibling.firstElementChild.innerHTML = error;
        tag.nextElementSibling.firstElementChild.classList.remove("nb-visibility-
hidden")
        return 0;
    }
}
{/*
    <div class="modal-dialog modal-dialog-scrollabl" role="document">
        <div class="modal-content">
            <div class="modal-header">
              <h5 class="modal-title">Modal title</h5>
              <button type="button" id = "close-modal-x"class="close" data-
dismiss="modal" aria-label="Close">
                  <span aria-hidden="true">&times;</span>
              </button>
            </div>
            <div class="modal-body">
            </div>
            <div class="modal-footer">
              <button id="close-modal"type="button" class="btn btn-primary" data-
dismiss="modal">Add to Cart</button>
            </div>
        </div>
    </div>
 */}
 function modalContent(){
    $(`.nb-get-modal`).click(function(e){
        let productID = $(this).attr('id');
        ajaxCallback("books.json", function(booksArray){
         ajaxCallback("types.json", function(typesArray){
            modalDisplay(productID, typesArray, booksArray)
         })
        })
        e.preventDefault()
        $("#modal").slideDown("slow")
    })
    // $(`.nb-get-modal`).click(function(e){
    //     let movieText = $(this).prev().text();
    //     let movieTitle = $(this).prev().prev().text();
    //     console.log(movieText);
    //     $(".modal-title").text(movieTitle)
    //     $(".modal-body p").text(movieText);
    //     e.preventDefault()
    //     $("#modal").slideDown("slow")
    // })
```

```
}
    // let baseModal = document.querySelector("#modal");
    // let modalHTML = `<div class="modal-dialog modal-dialog-scrollabl"
role="document">
    //                      <div class="modal-content">
    //                          <div class="modal-header">`;
function modalDisplay(productID, typesArray , booksArray, desiredFormat = 0){
    let desiredArrayIndex;
    let baseModal = document.querySelector("#modal");
    let modalHTML = `<div class="modal-dialog modal-dialog-scrollabl"
role="document">
                        <div class="modal-content">
                            <div class="modal-header">`;
    for(let index in booksArray){
        if(booksArray[index].productID == productID){
            desiredArrayIndex = index;
            break;
        }
    }
    modalHTML += `<h5 class="modal-
title">${booksArray[desiredArrayIndex].title}</h5>
                    <button type="button" id = "close-modal-x"class="close" data-
dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-
body"><p>${booksArray[desiredArrayIndex].description}</p>`;
    for(let type of typesArray){
        if(booksArray[desiredArrayIndex].formats[desiredFormat].type == type.id){
            modalHTML += `<h6>${type.name}</h6>`;
            break;
        }
    }
    if(booksArray[desiredArrayIndex].formats.length != 0){
        modalHTML += `<div class="modal-body"><ul id="modal-ul">`;
        for(let detail of
booksArray[desiredArrayIndex].formats[desiredFormat].details){
            modalHTML += `<li>${detail.name}: ${detail.value}</li>`
        }
        modalHTML += `</ul></div>`
    }
    for(let formatIndex in booksArray[desiredArrayIndex].formats){
        for(let type of typesArray){
```

```javascript
            if(booksArray[desiredArrayIndex].formats[formatIndex].type ==
type.id){
                modalHTML += `<a href="javascript:void(0)" class="btn btn-info
nb-type" id="${formatIndex}">${type.name}</a> `
            }
        }
    }
    modalHTML += `</div>
    <div class="modal-footer">
            <button id="close-modal"type="button" class="btn btn-primary" data-
dismiss="modal">Close</button>
        </div>
    </div>
</div>`;
    baseModal.innerHTML = modalHTML;

    //ADD BUTTON FUCTIONS
    document.querySelector("#close-modal").addEventListener("click", function(e){
        e.preventDefault()
        $("#modal").css("display", "none");
    })
    document.querySelector("#close-modal-x").addEventListener("click",
function(e){
    e.preventDefault()
    $("#modal").css("display", "none");
    });
    $('.nb-type').click(function(){
        let indexOfDesiredFormat = $(this).attr("id");
        modalDisplay(productID, typesArray , booksArray, indexOfDesiredFormat)
    })
    // let btnInfo = document.querySelectorAll(".nb-type");
    // btnInfo.forEach(function(btn){
    //      btn.addEventListener("click", function(){

    //          modalDisplay(productID, typesArray , booksArray)
    //      })
    // })
    // console.log(productID);
}
function IntoLS(data, storageName){
    localStorage.setItem(storageName, JSON.stringify(data));
}
function retrieveFromLS(name){
    return JSON.parse(localStorage.getItem(name));
}
```

```javascript
function ajaxCallback(file, doThis){
    $.ajax({
        url: "assets/data/" + file,
        method: "get",
        dataType: "json",
        success: function(rezult){
            doThis(rezult);
        },
        error: function(jqXHR, exception){

            var err_msg = '';
            if (jqXHR.status === 0) {
            err_msg = 'Not connect.\n Verify Network.';
            } else if (jqXHR.status == 404) {
            err_msg = 'Requested page not found. [404]';
            } else if (jqXHR.status == 500) {
            err_msg = 'Internal Server Error [500].';
            } else if (exception === 'parsererror') {
            err_msg = 'Requested JSON parse failed.';
            } else if (exception === 'timeout') {
            err_msg = 'Time out error.';
            } else if (exception === 'abort') {
            err_msg = 'Ajax request aborted.';
            } else {
            err_msg = 'Uncaught Error.\n' + jqXHR.responseText;
            }
            let writeError = document.querySelector("#ajax-error").innerHTML =
err_msg;

            writeError.classList.remove("nb-visibility-hidden")


        }
    })
}
function sortBooks(books, desiredSort){
    let sortedArray = [];
    sortedArray = books.sort(function(a, b){
        if (desiredSort == "Title A-Z"){
            if(a.title > b.title){
                return 1;
            }
            else if(a.title < b.title){
                return -1;
            }
            else{
                return 0;
            }
```

```
        }
        if(desiredSort == "Title Z-A"){
            if(a.title > b.title){
                return -1;
            }
            else if(a.title < b.title){
                return 1;
            }
            else{
                return 0;
            }
        }
        if(desiredSort == "Price ASC"){
            return parseFloat(a.formats[0].price) - parseFloat(b.formats[0].price);
        }
        if (desiredSort == "Price DESC"){
            return parseFloat(b.formats[0].price) - parseFloat(a.formats[0].price);
        }
        if(desiredSort == "Author"){
            return b.authorID - a.authorID;
        }
    }
)
return sortedArray;
}
```