

VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE
TEHNOLOGIJE



DOKUMENTACIJA

Web programiranje 2

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Korišćeni alati

Za izradu sajta su korišćeni HTML, CSS, Bootstrap, XML, JavaScript, jQuery biblioteka i JSON.

Radno okruženje: Visual Studio Code

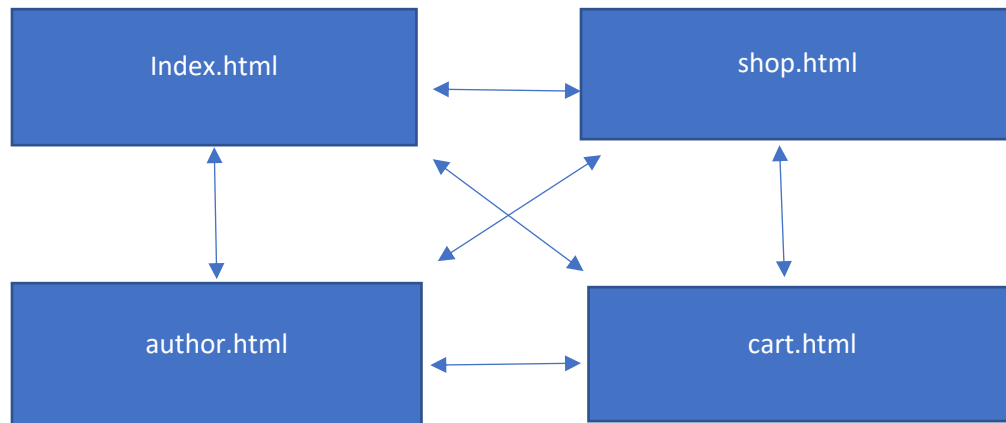
Opis funkcionalnosti

- Dinamičko ispisivanje navigacije u header-u i footer-u, proizvoda, pogodnosti shopa, kupci iz JSON-a
- Dinamičko ispisivanje socijalnih mreža u footer-u
- Dinamički ispisan slajder na index strani
- Hvatanje grešaka ako podaci ne stignu iz JSON-a
- Read more/Read less- inicijalno sakriven paragraf koji se klikom na dugme Read more prikazuje sa blagim efektom uz pomoć metoda slideToggle, kada je prikazan inicijalno sakriven paragraf tekst dugmeta se menja na Read less.
- Na index strani prikazivanje samo prva 4 proizvoda koja zadovoljavaju određeni uslov,
- Korišćenje iste funkcije na više mesta
- Dinamičko ispisivanje godine u footer-u
- Sortiranje, filtriranje
- U navigaciji se vidi broj proizvoda u korpi i ukupna cena
- Za korpu korišćen Local Storage. U korpi se nalaze podaci o količini proizvoda i ukupnoj ceni, poništavanje i naručivanje dodatnih proizvoda
- Validacija forme, ako nisu ispravno popunjeni podaci prikazuje se greška, a ako su pravilno popunjeni prikazuje se toast u donjem levom uglu da je uspešno poručeno, nakon čega se brišu proizvodi iz Local Storage-a

Template

Nije korišćen template.

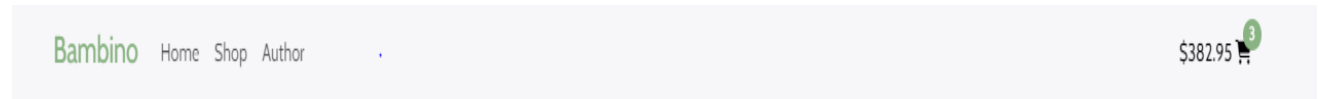
Organizaciona šema



Mapa sajta

```
<?xml version="1.0"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://djina00.github.io/bambino/</loc>
    <lastmod>2023-03-05</lastmod>
    <changefreq>weekly</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>https://djina00.github.io/bambino/shop.html</loc>
    <lastmod>2023-03-04</lastmod>
    <changefreq>monthly</changefreq>
    <priority>0.8</priority>
  </url>
  <url>
    <loc>https://djina00.github.io/bambino/cart.html</loc>
    <lastmod>2023-03-04</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.7</priority>
  </url>
  <url>
    <loc>https://djina00.github.io/bambino/author.html</loc>
    <lastmod>2023-03-01</lastmod>
    <changefreq>yearly</changefreq>
    <priority>0.7</priority>
  </url>
</urlset>
```

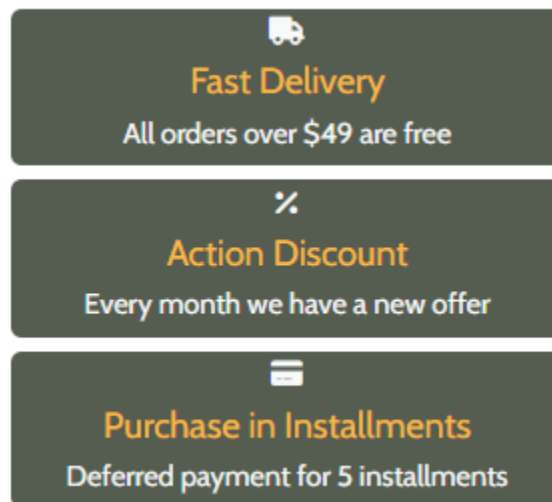
Slike stranica i opis funkcionalnosti



Linkovi dinamički ispisani iz JSON-a, pored se nalazi ikonica korpe na kojoj piše broj proizvoda i ukupna cena. Klik na ikonicu vodi na cart.html gde se prikazuje korpa.



Dinamički ispisan slajder uz pomoć Bootstrap-a.



Dinamički ispisane pogodnosti iz JSON-a. Uz pomoć iste funkcije isti blokovi su ispisani na drugom mesto samo drugačije stilizovani. Svaki objekat ima ikonicu, naslov, tekst.



Organic Cotton

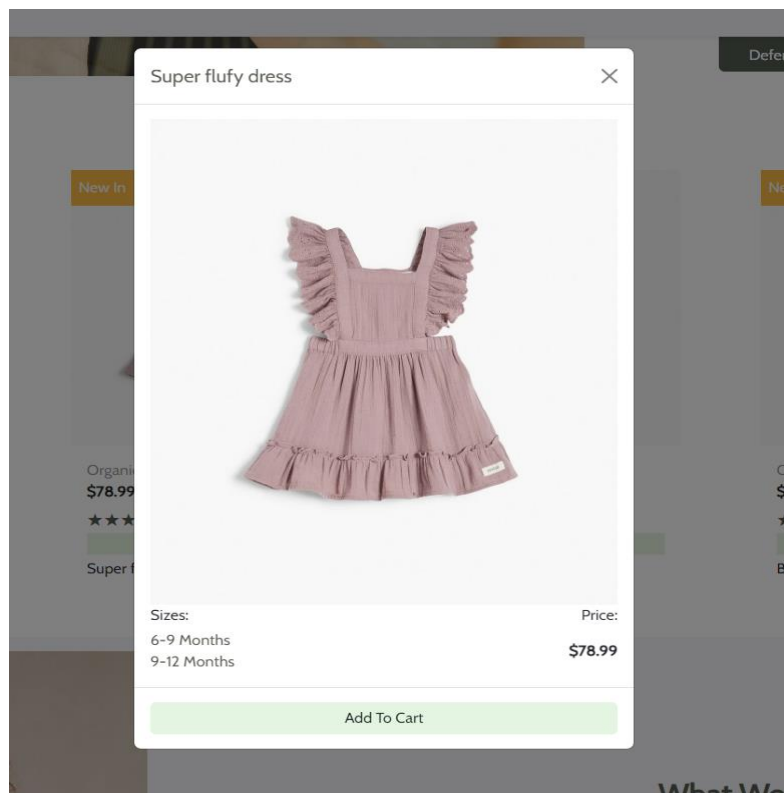
~~\$33.99~~ **\$29.99**

★★★

ADD TO CART

Beige ribbed bodysuit





Svaki proizvod ima različitu sliku. Neki proizvod je Organic Cotton, a neki nije. Neki proizvod ima popust kada je precrtana stara cena, a nova obojena u crveno. Svaki proizvod je ocenjen sa različitim brojem zvezdica. Ispod svakog proizvoda se nalazi dugme ADD TO CART koje uz pomoć data atributa šalje informaciju da je baš na njega kliknuto. Ispod dugmeta se nalazi različit opis (naslov) proizvoda.



Klikom na bilo koji proizvod se otvara modal, gde se dodatno prikazuju dostupne veličine. Takođe i iz modala je moguće dodati proizvod u korpu.

New Arrivals

[SHOP NOW](#)

 <p>New In</p>	 <p>New In</p>	 <p>New In</p>	 <p>New In</p>
Organic Cotton \$47.99 ★★★★	Organic Cotton \$78.99 ★★★★	Organic Cotton \$30.99 ★★★	Organic Cotton \$120.99 ★★★★★
ADD TO CART	ADD TO CART	ADD TO CART	ADD TO CART
Spring rose bodysuit	Super flufy dress	Beige ribbed bodysuit	Brown teddy jacket


Funkcijom su isfiltrirana prva 4 nova proizvoda (oni proizvodi koji imaju narandžastu etiketu new in).

<h3>What We Offer</h3> <p>From cozy onesies and soft bodysuits to cute dresses and trendy sets, we have everything you need to dress your baby in style. Our collection features high-quality fabrics that are gentle on your baby's delicate skin.</p> Read More	<h3>What We Offer</h3> <p>From cozy onesies and soft bodysuits to cute dresses and trendy sets, we have everything you need to dress your baby in style. Our collection features high-quality fabrics that are gentle on your baby's delicate skin.</p> <p>With our products, we're confident you'll find the perfect blend of style, quality, and practicality. Our clothes are made from the highest quality materials, providing a gentle touch on your baby's skin and ensuring freedom of movement through all the important stages of development.</p> Read Less
---	--


Read More/Read Less uz pomoć jQuery-ja. Inicijalno se prikazuje sakriveni paragraf i dugme Read More, klikom na dugme se prikazuje sakriveni paragraf, a na dugmetu se menja tekst u Read Less.

Most Loved by the Customers


[SHOP NOW](#)




~~\$33.99~~ **\$30.99**
★★★★★
[ADD TO CART](#)
Bear comfy bodysuit

New In

Organic Cotton
\$120.99
★★★★★
[ADD TO CART](#)
Brown teddy jacket




\$140.99
★★★★★
[ADD TO CART](#)
Beige teddy jacket




Organic Cotton
~~\$39.99~~ **\$27.99**
★★★★★
[ADD TO CART](#)
Striped bow swimsuit


Pikazuju se prva 4 najbolje ocenjena proizvoda od strane kupaca. Funkcijom koja upoređuje broj zvezdica.



Fast Delivery
All orders over \$49 are free



Action Discount
Every month we have a new offer



Purchase in Installments
Deferred payment for 5 installments

Za ovaj blok je korišćena ista funkcija za ispisivanje kao i za blok na početku, samo je drugačije stilizovan.



“
Dane Wiles
“The softest fabric and adorable designs - we're thrilled with how our baby looks in this clothing!”



“
Klara Zares
“The quality is top-notch, and the designs are simply delightful. Couldn't be happier with our purchase!”

Dinamički ispisani korisnici iz JSON-a, gde svaki ima svoju sliku, ime i komentar.

Get connected with us on social networks:



Bambino

Explore our delightful collection of baby clothing, designed for comfort and cuteness.

PRODUCTS

Bodysuits
Jackets
Bodyswim
Dresses

USEFUL LINKS

Home
Shop
Author

CONTACT

🏠 New York, NY 10012, US
✉ bambino@example.com
☎ + 01 234 567 88
📠 + 01 910 111 23

Dinamički ispisane ikonice socijalnih mreža, gde se svaka sastoji od ikonice i href-a. Dinamički ispisane kategorije proizvoda, navigacija, ikonice i tekst za kontakt.

Default sorting ▼

Search by Name

Enter the keyword

Category

- ☐ Bodysuit
- ☐ Dress
- ☐ Jacket







Size

- ☐ 0-3 Months
- ☐ 3-6 Months
- ☐ 6-9 Months
- ☐ 9-12 Months

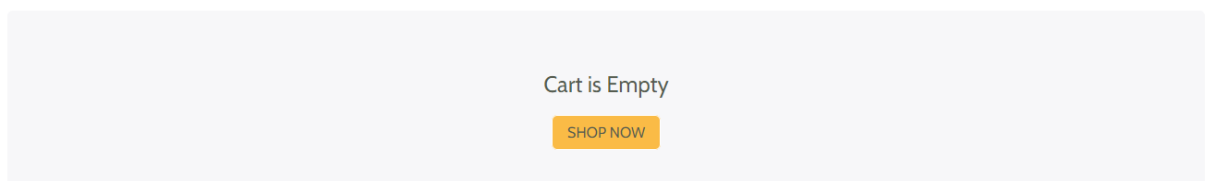
Sortiranje po ceni rastuće, po ceni opadajuće, po popularnosti, po imenu rastuće, po imenu opadajuće. Vrednosti iz select-a su ispisane dinamički

Pretraživanje po imenu proizvoda. Korisnikov unos se po prihvatanju sa toLowerCase funkcijom prebacna na mala slova, da mogla da se izjednače sa malim slovima iz JSON-a.

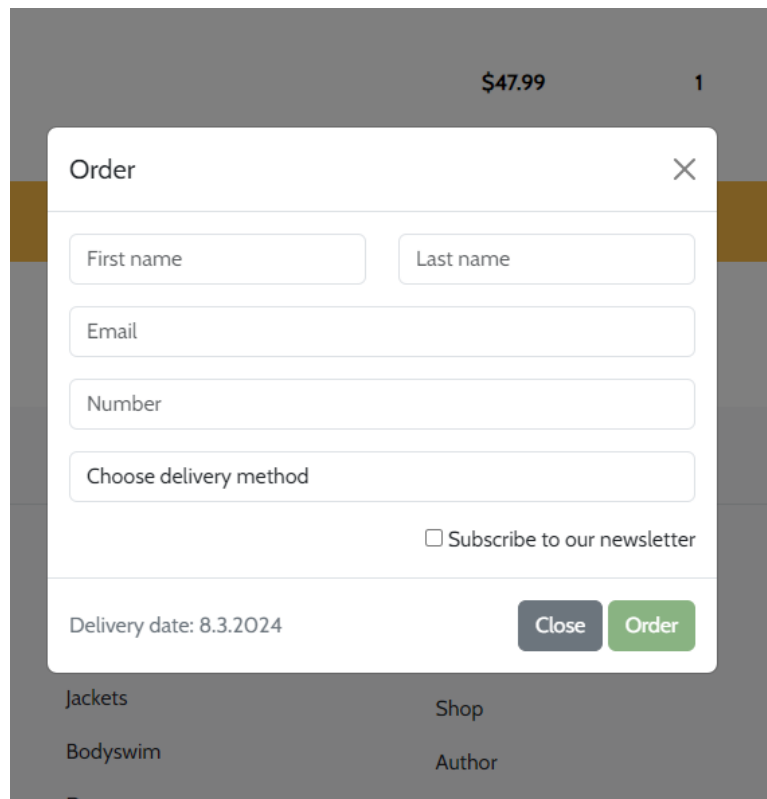
Filtriranje se vrši po kategoriji i veličini, čije su vrednosti ispisane dinamički.

PRODUCT	PRICE	QUANTITY	REMOVE
 Spring rose bodysuit	\$47.99	1	
 Brown tedy jacket	\$241.98	2	
 Beige tedy jacket	\$140.99	1	
Total price: \$430.96			
<div>Order Cancel</div>			

Prikaz korpe, koja se izvlači iz LocalStorage-a. Prikazuje se ukupna cena za svaki proizvod i količina. Klikom na ikonicu za brisanje briše se proizvod na koji je kliknuto iz korpe. Na kraju se u bloku prikazuje ukupna cena. Klikom na dugme Cancel brišu se svi proizvodi.



Kada je korpa prazna prikazuje se ovaj blok.



Klikom na order se prikazuje modal sa formom. Mora se uneti ime i prezime koje počinju velikim slovom, sa najmanje 3 slova. Email i broj imaju svoj format koji se ispisuje ispod njih, ako korisnik ne unese dobro. Mora se izabrati način dostave iz opadajuće lista, koja je ispisana dinamički. Datum isporuke je ispisan dinamički, tako što se na trenutni datum dodaju 3 dana. Ako su svi podaci ispravno uneti prikazuje se toast i iz LocalStorage-a se brise korpa.



Poruka koja se ispisuje u donjem levom uglu kada se ispravno unesu podaci u formu.

Kodovi
Index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Bambino</title>
  <link rel="shortcut icon" href="assets/img/favicon.png" type="image/x-icon">
  <!-- Font Awesome -->
  <script src="https://kit.fontawesome.com/646dd2caa7.js" crossorigin="anonymous"></script>
  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet"
  integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous" />
  <!-- Main CSS -->
  <link rel="stylesheet" href="assets/css/style.css" type="text/css" />
  <!-- Responsive CSS -->
  <link rel="stylesheet" href="assets/css/responsive.css" type="text/css" />
</head>
<body>
  <header>
    <!-- Navigation -->
    <nav class="navbar navbar-expand-lg shadow-sm fixed-top">
      <div class="container d-flex align-items-baseline">
        <h1><a class="navbar-brand fs-4 logo" href="#">Bambino</a></h1>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
          <!-- Dynamic Menu in JS -->
        </div>
        <div>
          <a href="cart.html" class="text-black">
            <span class="ms-3" id="sumPrice"></span>
            <span class="cart-icon-container">
              <i class="fa-solid fa-cart-shopping"></i>
              <span class="cart-item-count" id="number">0</span>
            </span>
          </a>
        </div>
      </div>
    </nav>
  </header>

```

```

<!-- Region 1 -->
<div class="container py-5 height">
  <div class="row justify-content-between align-items-center">
    <div id="carouselExample" class="carousel slide carousel-fade col-lg-8 col-md-12" data-bs-ride="carousel">
      <div class="carousel-inner">
        <!-- Dynamic in JS -->
        <button class="carousel-control-prev" type="button" data-bs-target="#carouselExample" data-bs-slide="prev">
          <span class="carousel-control-prev-icon" aria-hidden="true"></span>
          <span class="visually-hidden">Previous</span>
        </button>
        <button class="carousel-control-next" type="button" data-bs-target="#carouselExample" data-bs-slide="next">
          <span class="carousel-control-next-icon" aria-hidden="true"></span>
          <span class="visually-hidden">Next</span>
        </button>
      </div>
    </div>
    <div id="benefits" class="text-light col-lg-3 col-md-12 d-lg-block d-md-flex justify-content-md-around">
      <!-- Dynamic in JS -->
    </div>
  </div>
</div>
<!-- End Region 1 -->
<!-- Region 2 -->
<div class="container">
  <div class="row mb-3">
    <div class="col-6">
      <h3>New Arrivals</h3>
    </div>
    <div class="col-6 text-end">
      <a href="shop.html" class="button-style">SHOP NOW</a>
    </div>
  </div>
  <div class="row justify-content-md-between justify-content-center" id="new-arrival">
    <!-- Dynamic in JS -->
  </div>
</div>
<!-- End Region 2 -->

```

```

<!-- End Region 2 -->
<!-- Region 3 -->
<div class="bg-grey my-5 py-3">
  <div class="container">
    <div class="row justify-content-between align-items-center">
      <div class="col-5 d-none d-md-block">
        
      </div>
      <div class="col-12 col-md-5 text-center">
        <h2 class="dark-green fw-bold">What We Offer</h2>
        <p>From cozy onesies and soft bodysuits to cute dresses and trendy sets, we have everything you need to dress your baby in style. Our collection features high-quality fabrics that are gentle on your baby's delicate skin.</p>
        <p id="hiddenMainP" class="text-body-tertiary">With our products, we're confident you'll find the perfect blend of style, quality, and practicality. Our clothes are made from the highest quality materials, providing a gentle touch on your baby's skin and ensuring freedom of movement through all the important stages of development.</p>
        <button type="button" id="readMore" class="readMore rounded">Read More</button>
      </div>
    </div>
  </div>
</div>
<!-- End Region 3 -->
<!-- Region 4 -->
<div class="container">
  <div class="row mb-3">
    <div class="col-6">
      <h3>Most Loved by the Customers</h3>
    </div>
    <div class="col-6 text-end">
      <a href="shop.html" class="button-style">SHOP NOW</a>
    </div>
  </div>
  <div class="row justify-content-md-between justify-content-center" id="mostLoved">
    <!-- Dynamic in JS -->
  </div>
</div>
<!-- End Region 4 -->

```



```

<div class="bg-grey mt-5 py-3">
  <div class="container">
    <div class="d-flex justify-content-between" id="benefitsSecond">
      <!-- Dynamic in JS -->
    </div>
  </div>
</div>
<!-- End Region 5 -->
<!-- Region 6 -->
  <div class="container py-5">
    <div class="row justify-content-between" id="customers">
      <!-- Dynamic in JS -->
    </div>
  </div>
<!-- End Region 6 -->
<!-- Footer -->
<footer class="text-center text-lg-start bg-grey">
  <!-- Dynamic in JS -->
</footer>
<!-- End Footer -->
<!-- jQuery -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
<!-- Bootstrap -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-C6RzsynM9kWDrmMNeT87bh950GNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>
<!-- Main JS -->
<script src="assets/js/main.js"></script>
</body>
</html>

```

Shop.html

```

<div class="container my-5 d-flex justify-content-between">
  <div class="height">
    <div class="p-4 bg-grey rounded mb-4 shadow">
      <form>
        <select name="sort" id="sort" class="rounded p-2">
          <!-- Dynamic in JS -->
        </select>
      </form>
    </div>
    <div class="p-4 bg-grey rounded mb-4 shadow">
      <form>
        <div>
          <label for="search" class="mb-1">Search by Name</label><br>
          <input type="search" name="search" id="search" placeholder="Enter the keyword" class="px-1 py-1 rounded">
        </div>
      </form>
    </div>
    <div class="p-4 bg-grey rounded shadow" id="filterItems">
      <!-- Dynamic in JS -->
    </div>
  </div>
  <div id="allProducts" class="row justify-content-md-between justify-content-center height">
    <!-- Dynamic in JS -->
  </div>
</div>

```

Style.css

```
@import url("https://fonts.googleapis.com/css2?");
*{
  padding: 0;
  margin: 0;
  box-sizing: border-box;
  font-family: "Cabin", sans-serif;
}
a{
  text-decoration: none;
}
:root{
  --grey: #f7f7f9;
  --lgreen: #89b382;
  --dgreen: #555c50;
  --superlight: #e4f5e1;
  --yellow: #fabb46;
}
.bg-grey{
  background-color: var(--grey);
}
.bg-yellow{
  background-color: var(--yellow);
}
.bg-green{
  background-color: var(--lgreen);
}
.dark-green{
  color: var(--dgreen);
}
.yellow-text{
  color: var(--yellow);
}
.logo, .logo:hover{
  color: var(--lgreen);
}
nav{
  background-color: var(--grey);
}
.height{
  margin-top: 5rem;
}
.cart-icon-container {
  position: relative;
  display: inline-block;
}
.cart-item-count {
  position: absolute;
  top: -10px;
  right: -10px;
  background-color: var(--lgreen);
  color: white;
}
```

```
.block-benefits{
  background-color: var(--dgreen);
  padding: 0.1rem 0.8rem;
}
.block-benefits h5{
  color: var(--yellow);
}
.block-benefits:nth-child(2){
  margin: 0.5rem 0;
}
.button-style, #readMore:hover{
  border: 1px solid var(--dgreen);
  padding: 0.5rem;
  border-radius: 5px;
  color: var(--dgreen);
}
.button-style:hover, .add-to-cart:hover, #readMore{
  background-color: var(--lgreen);
  border: none;
  color: var(--grey);
}
.item{
  border: none;
}
.item img:hover{
  cursor: pointer;
}
.add-to-cart{
  border: none;
  width: 100%;
  background-color: var(--superlight);
}
.new-in p{
  background-color: var(--yellow);
  padding: 0.5rem;
  color: var(--grey);
}
#hiddenMainP{
  display: none;
}
#readMore{
  padding: 0.5rem;
}
.block-benefits-second p:first-child i{
  background-color: white;
  padding: 1rem;
  border-radius: 50%;
  margin-bottom: 0.5rem;
}
```

```

}
.new-in p{
  background-color: var(--yellow);
  padding: 0.5rem;
  color: var(--grey);
}
#hiddenMainP{
  display: none;
}
#readMore{
  padding: 0.5rem;
}
.block-benefits-second p:first-child i{
  background-color: ■white;
  padding: 1rem;
  border-radius: 50%;
  margin-bottom: 0.5rem;
}
.block-benefits-second h5{
  color: var(--dgreen);
}
input[type="range"] {
  height: 20px;
  border-radius: 10px;
  background-color: □black;
}
#search{
  border-color: ■white;
}
#filterItems form:first-child{
  margin-bottom: 1rem;
}
input[type='checkbox'], #subscribe {
  accent-color: var(--yellow);
}
select{
  border:none;
}
.delete{
  border: none;
  background-color: ■white;
}
.btn.bg-green:hover{
  background-color: var(--lgreen);
}
}

```

```
@media screen and (max-width: 992px){
  #benefits{
    margin-top: 1rem;
  }
  .block-benefits:nth-child(2){
    margin: 0 0.5rem;
  }
}
@media screen and (max-width: 768px){
  .block-benefits:nth-child(2){
    margin: 0.5rem 0;
  }
}
```

JSON

Clothes.json

```
[
  {
    "id": 1,
    "src": "flower-body.webp",
    "price": {
      "new": 47.99
    },
    "description": "Spring rose bodysuit",
    "category": 1,
    "new": true,
    "cotton": true,
    "sizes": [2],
    "stars": 4
  },
  {
    "id": 2,
    "src": "white-body.webp",
    "price": {
      "old": 33.99,
      "new": 29.99
    },
    "description": "Beige ribbed bodysuit",
    "category": 1,
    "new": false,
    "cotton": true,
    "sizes": [3, 4],
    "stars": 3
  },
  {
    "id": 3,
    "src": "bear-body.webp",
    "price": {
      "old": 33.99,
      "new": 30.99
    },
    "description": "Bear comfy bodysuit",
    "category": 1,
    "new": false,
    "cotton": false,
    "sizes": [1, 2, 3],
    "stars": 5
  },
]
```

Categories.json

```
> data > categories.json > ...  
[  
  {  
    "id":1,  
    "name":"Bodysuit"  
  },  
  {  
    "id":2,  
    "name":"Dress"  
  },  
  {  
    "id":3,  
    "name":"Jacket"  
  }  
]
```

Sizes.json

```
[  
  {  
    "id":1,  
    "name":"0-3 Months"  
  },  
  {  
    "id":2,  
    "name":"3-6 Months"  
  },  
  {  
    "id":3,  
    "name":"6-9 Months"  
  },  
  {  
    "id":4,  
    "name":"9-12 Months"  
  }  
]
```

Benefits.json

```
[
  {
    "icon": "fa-solid fa-truck",
    "title": "Fast Delivery",
    "description": "All orders over $49 are free"
  },
  {
    "icon": "fa-solid fa-percent",
    "title": "Action Discount",
    "description": "Every month we have a new offer"
  },
  {
    "icon": "fa-solid fa-credit-card",
    "title": "Purchase in Installments",
    "description": "Deferred payment for 5 installments"
  }
]
```

Customers.json

```
[
  {
    "id": 1,
    "name": "Dane Wiles",
    "comment": "The softest fabric and adorable designs - we're thrilled with how our baby looks in this clothing!",
    "stars": 5,
    "img": "dane.jpg"
  },
  {
    "id": 2,
    "name": "Klara Zares",
    "comment": "The quality is top-notch, and the designs are simply delightful. Couldn't be happier with our purchase!",
    "stars": 5,
    "img": "klara.jpg"
  }
]
```

Orders.json

```
[
  {
    "id": 1,
    "name": "Home Delivery"
  },
  {
    "id": 2,
    "name": "Store Pickup"
  }
]
```

Menu.json

```
[
  {
    "title": "Home",
    "href": "index.html"
  },
  {
    "title": "Shop",
    "href": "shop.html"
  },
  {
    "title": "Author",
    "href": "author.html"
  }
]
```

Footer.json

```
{
  "products": ["Bodysuits", "Jackets", "Bodyswim", "Dresses"],
  "contact": [
    {
      "icon": "fas fa-home me-3",
      "text": "New York, NY 10012, US"
    },
    {
      "icon": "fas fa-envelope me-3",
      "text": "bambin@example.com"
    },
    {
      "icon": "fas fa-phone me-3",
      "text": " + 01 234 567 88"
    },
    {
      "icon": "fas fa-print me-3",
      "text": " + 01 910 111 23"
    }
  ],
  "social": [
    {
      "href": "https://www.facebook.com/",
      "icon": "fab fa-facebook-f"
    },
    {
      "href": "https://twitter.com/",
      "icon": "fab fa-twitter"
    },
    {
      "href": "https://instagram.com/",
      "icon": "fab fa-instagram"
    }
  ]
}
```


Main.js

```
$(document).ready(function(){
    const srcPath = 'assets/img/';

    asynFunctionCallsGlobal();
    let CLOTHES;
    // let SORT;
    let SIZES;

    async function getData(endpoint) {
        const asynPath = 'assets/data/';
        try {
            let response = await fetch(asynPath + endpoint);
            if (!response.ok) {
                throw new Error('Network response was not ok.');
            }
            let data = await response.json();
            return data;
        } catch (error) {
            alert('Error fetching data:', error);
            return null;
        }
    }

    async function asynFunctionCallsGlobal() {
        let menu = await getData('menu.json');
        let footer = await getData('footer.json');
        let sizes = await getData('sizes.json');
        let clothes = await getData('clothes.json');
        CLOTHES = clothes;
        SIZES = sizes;
        displayMenu(menu, '#navbarSupportedContent');
        displayFooter(footer);
        displayMenu(menu, "#menu");
        setLocalStorage("allProducts", clothes);
    }

    async function asynFunctionCallIndex() {
        let benefits = await getData('benefits.json');
        let clothes = await getData('clothes.json');
        let customers = await getData('customers.json');
        let sizes = await getData('sizes.json');
        SIZES = sizes;
        displayBenefits(benefits, '#benefits', 'block-benefits');
        displayNewArrival(clothes);
        displayMostPopular(clothes);
        displayBenefits(benefits, '#benefitsSecond', 'block-benefits-second');
        displayCustomers(customers);
    }
}
```

```

async function asynFunctionCallShop() {
  let categories = await getData('categories.json');
  let sizes = await getData('sizes.json');
  let clothes = await getData('clothes.json');
  let sort = await getData('sort.json');
  CLOTHES = clothes;
  SORT = sort;
  displayDropDownForSorting(sort);
  displayFilterItems('Category', categories);
  displayFilterItems('Size', sizes);
  displayProducts(clothes, '#allProducts');
}

async function asynFunctionCallCart(){
  let orders = await getData('orders.json');

  displayOrderTypes(orders);
}

function displayMenu(data, element){
  let display = '<ul class="navbar-nav me-auto mb-2 mb-lg-0">';
  for(let item of data){
    display+=`<li class="nav-item">
      <a class="nav-link" href="${item.href}">${item.title}</a>
    </li>`
  }
  display+=`</ul>`;
  $(element).html(display);
}

```

```

function displayProducts(product, element){
  let display='';
  product.forEach(x=>{
    let id= x.src.substring(0,x.src.indexOf('.'));
    display+= `<div class="card item position-relative" style="width: 18rem;"><div data-bs-toggle="modal" data-bs-target="#${id}">
      ${isNewIn(x)}
      
    </div>
    <div class="card-body">
      ${isOrganicCotton(x)}
      ${processPrice(x)}
      <p class="mb-0">${processStars(x)}</p>
      <button class="add-to-cart" data-product="${x.id}">ADD TO CART</button>
      <p class="card-text mt-1">${x.description}</p>
    </div>
  </div>
  <div class="modal fade" id="${id}" tabindex="-1" aria-labelledby="exampleModallabel" aria-hidden="true">
    <div class="modal-dialog modal-dialog-centered modal-dialog-scrollable">
      <div class="modal-content">
        <div class="modal-header">
          <h1 class="modal-title fs-5 dark-green" id="exampleModallabel">${x.description}</h1>
          <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
        </div>
        <div class="modal-body">
           <br>
          <div class="row">
            <div class="col-6">
              <p class="mb-1">Sizes:</p>
              ${processSizes(x.sizes)}
            </div>
            <div class="col-6 text-end">
              <p>Price:</p>
              ${processPrice(x)}
            </div>
          </div>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn add-to-cart" data-product="${x.id}">Add To Cart</button>
        </div>
      </div>
    </div>
  </div>`
  });
  //console.log(display);
  $(element).html(display);
}

```

```

function isNewIn(product){
  if(product.new){
    return `<div class="position-absolute new-in">
      <p>New In</p>
    </div>`
  }
  return '';
}

function isOrganicCotton(product){
  if(product.cotton){
    return `<p class="mb-0 text-body-tertiary">Organic Cotton</p>`
  }
  return `<p class="mb-0 mt-4"></p>`;
}

function processPrice(product){
  if(product.price.old === undefined){
    return `<p class="fw-bold mb-1">&dollar;${product.price.new}</p>`
  }
  return `<p class="fw-bold mb-1"><del>&dollar;${product.price.old}</del><span class="ms-1 text-danger">&dollar;${product.price.new}</span></p>`
}

function processStars(product){
  let display='';
  for(let i=0; i<product.stars; i++){
    display+=`<span class="dark-green fs-5">&starf;</span>`;
  }
  return display;
}

function processSizes(sizes){
  let display = '';
  sizes.forEach(sizeId => {
    let sizeName = SIZES.find(size => size.id === sizeId).name;
    if (sizeName) {
      display += `<p class="mb-0 dark-green">${sizeName}</p>`;
    }
  });
  return display;
}

```



```

    }

    function currentYear(){
        let date= new Date();
        console.log(date.getFullYear())
        return date.getFullYear();
    }

    //KORPA!!!!!!!!!!!!!!
    //Functions for CART
    function setLocalStorage(name, data){
        localStorage.setItem(name, JSON.stringify(data));
    }
    function getFromLocalStorage(name){
        return JSON.parse(localStorage.getItem(name));
    }
    function displayTotalPrice(){
        let productsInLS = getFromLocalStorage('cart');
        let sum = 0;

        if(productsInLS){
            productsInLS.forEach(x=>{
                let price = Number(x.price);
                sum+= price;
            })
            sum = sum.toFixed(2);
        }
        let spanPrice = `$$${sum}`;

        $('#sumPrice').html(spanPrice);
        return spanPrice;
    }

    function displayNumberOfProducts(){
        let productsInCart = getFromLocalStorage('cart');
        let productsNumber = 0;

        if(productsInCart){
            productsNumber = productsInCart.length;
        }
        $('#number').html(productsNumber);
    }

    displayTotalPrice();
    displayNumberOfProducts();

```

```

//ADD TO CART
$(document).on('click', '.add-to-cart', function() {

    let productId = $(this).data('product');
    //console.log(productId)
    addToCart(productId);
});

function addToCart(productId){
    let allProducts = getFromLocalStorage('allProducts');
    let productsInCart = getFromLocalStorage('cart');
    let productPrice = allProducts.find(p=>p.id==productId).price.new;
    productPrice = productPrice.toFixed(2);

    //cart is not empty
    if(productsInCart){
        if(productAlreadyInCart()){
            updateQuantity();
        }else{
            addNewProductInCart();
            displayNumberOfProducts();
        }
    }else{
        addFirstProductInCart();
        displayNumberOfProducts();
    }

    // FUNCTIONS
    function addFirstProductInCart(){
        let products=[];

        products[0] = {
            id: productId,
            qty: 1,
            price: productPrice
        }
        setLocalStorage('cart', products);
        displayTotalPrice();
    }
    function productAlreadyInCart(){
        return productsInCart.filter(p=>p.id==productId).length;
    }
}

```

```

function updateQuantity(){
  let productsInLS = getFromLocalStorage('cart');
  let productPrice = allProducts.find(p=>p.id==productId).price.new;

  for(let product of productsInLS){
    if(product.id == productId){
      product.qty++;
      price = product.qty * productPrice;
      price = price.toFixed(2);
      product.price = price;
      break;
    }
  }

  setLocalStorage('cart', productsInLS);
  displayTotalPrice();
}

function addNewProductInCart(){
  let productsInLS = getFromLocalStorage('cart');

  productsInLS.push({
    id:productId,
    qty: 1,
    price: productPrice
  })
  setLocalStorage('cart', productsInLS);
  displayTotalPrice();
}

```



```

//Index.html
let url = window.location.pathname;
if (url == "/bambino/" || url.includes("index.html")){
  // if (url === '/sajt/' || url.includes('index.html')){
    asyncFunctionCallIndex();

    displayCarousel();
    function displayCarousel(){
      let coverSrc = ['clothes-cover.jpg', 'mum-cover.jpg', 'shoes-cover.jpg'];
      let coverAlt = ['Baby clothes', 'Pregnant women', 'Shoes'];

      let carouselInner = document.querySelector('.carousel-inner');

      //Append before this child
      let firstCarouselItem = carouselInner.firstChild;

      coverSrc.forEach((src, index) => {

        let carouselItem = document.createElement('div');
        carouselItem.classList.add('carousel-item');

        if (index === 0) {
          carouselItem.classList.add('active');
        }

        let img = document.createElement('img');
        img.src = srcPath + src;
        img.classList.add('d-block', 'w-100');
        img.alt = coverAlt[index];

        carouselItem.appendChild(img);
        carouselInner.insertBefore(carouselItem, firstCarouselItem);
      });
    }

    function displayBenefits(data,element, style){
      let display= '';
      for(let benefit of data){
        display+=`<div class="${style} text-center rounded">
          <p class="mb-1"><i class="${benefit.icon}"></i></p>
          <h5 class="mb-1">${benefit.title}</h5>
          <p class="mb-1">${benefit.description}</p>
        </div>`;
      }
      $(element).html(display);
    }
  }
}

```

```

function displayNewArrival(data){
  //Display first 4 new Arrivals
  let newData = data.filter(x => x.new).slice(0, 4);

  displayProducts(newData, '#new-arrival')
}

//Toggle
function toggleReadMore(button, text) {
  `${button}`.click(function () {
    `${text}`.slideToggle('slow');
    if (`${button}`).text() === "Read More" {
      $(this).text("Read Less");
      $(this).removeClass("readMore");
      // $(this).addClass("readLess");
    }
    else {
      $(this).text("Read More");
      // $(this).removeClass("readLess");
      $(this).addClass("readMore");
    }
  });
}

toggleReadMore('#readMore', '#hiddenMainP');

function displayMostPopular(data){
  //First 4 most popular
  let newData = data.sort(function(a,b){
    return b.stars-a.stars;
  }).slice(0, 4);
  displayProducts(newData, '#mostLoved');
}

function displayCustomers(data){
  let display = '';
  data.forEach(x=>{
    //console.log(x.src)
    display+=`<div class="customer text-center col-5">
      
      <p><i class="fa-solid fa-quote-left fs-3 text-body-tertiary"></i></p>
      <p class="fs-5 yellow-text mb-0">${x.name}</p>
      <p class="fs-5 dark-green">${processStars(x.stars)}</p>
      <p class="fst-italic">${x.comment}</p>
    </div>`
  });
  //console.log(display);
  $('#customers').html(display);
}

```

```

// shop.html
if(url.includes('shop.html')){
  asyncFunctionCallShop();
  function displayFilterItems(title, object){
    let container = document.createElement('form');
    container.innerHTML = `<h5>${title}</h5>`;

    object.forEach(item => {
      let checkbox = document.createElement('input');
      checkbox.type = 'checkbox';

      checkbox.id = `${item.id}`;

      let label = document.createElement('label');
      label.htmlFor = `${item.id}`;
      label.classList.add('ms-2');
      label.appendChild(document.createTextNode(item.name));

      let div = document.createElement('div');
      div.appendChild(checkbox);
      div.appendChild(label);

      container.appendChild(div);
    });
    $('#filterItems').append(container);
  }
  function displayDropDownForSorting(data){
    display = `<option value="0">Default sorting</option>`;

    data.forEach(x=>{
      display+=`<option value="${x.id}">${x.sorting}</option>`;
    })
    $('#sort').html(display);
  }
}

```

```

function sortProducts(property, order) {

  let products = CLOTHES;

  if(property == 'price'){
    products.sort(function (e1, e2) {
      if (order === 'asc') {
        if (e1.price.new > e2.price.new) {
          return 1;
        }
        if (e1.price.new < e2.price.new) {
          return -1;
        }
        return 0;
      } else if (order === 'desc') {
        if (e1.price.new < e2.price.new) {
          return 1;
        }
        if (e1.price.new > e2.price.new) {
          return -1;
        }
        return 0;
      }
    });
  } else {
    products.sort(function (e1, e2) {
      if (order === 'asc') {
        if (e1[property] > e2[property]) {
          return 1;
        }
        if (e1[property] < e2[property]) {
          return -1;
        }
        return 0;
      } else if (order === 'desc') {
        if (e1[property] < e2[property]) {
          return 1;
        }
        if (e1[property] > e2[property]) {
          return -1;
        }
        return 0;
      }
    });
  }

  displayProducts(products, '#allProducts');
}

```

```

//Filter
$('#filterItems').on('change', 'input[type="checkbox"]', function() {
  let selectedCategories = [];
  let selectedSizes = [];
  $('#filterItems input[type="checkbox"]').each(function() {
    if ($(this).is(':checked')) {
      if ($(this).parent().parent().find('h5').text() === 'Category') {
        selectedCategories.push($(this).attr('id'));
      }
      if ($(this).parent().parent().find('h5').text() === 'Size') {
        let selectedId= $(this).attr('id');
        selectedId = Number(selectedId);
        selectedSizes.push(selectedId);
      }
    }
  });

  let filteredProducts = CLOTHES.filter(function(product) {
    if (selectedCategories.length > 0 && !selectedCategories.includes(product.category.toString())) {
      return false;
    }

    if (selectedSizes.length > 0) {
      let hasSelectedSize = selectedSizes.some(sizeId => product.sizes.includes(sizeId));
      if (!hasSelectedSize) {
        return false;
      }
    }
    return true;
  });

  if(filteredProducts.length){
    displayProducts(filteredProducts, '#allProducts');
  }else{
    $('#allProducts').html('<p class="fw-bold">No products found.</p>');
  }
});
}
// End shop.html

```

```

    displayProducts(products, '#allProducts');
}
//Selecting
$(document).on('change', '#sort', function(){

    let sortValue = $('#sort option:selected').index();

    if(sortValue == 0){
        displayProducts(CLOTHES, '#allProducts');
    }
    else {
        switch (sortValue) {
            case 1:
                sortProducts('price', 'asc');
                break;
            case 2:
                sortProducts('price', 'desc');
                break;
            case 3:
                sortProducts('stars', 'desc');
                break;
            case 4:
                sortProducts('description', 'asc');
                break;
            case 5:
                sortProducts('description', 'desc');
                break;
            default:
                break;
        }
    }
})

//Search
$('#search').on('input', function() {
    let searchText = $(this).val().toLowerCase();

    let filteredProducts = CLOTHES.filter(function(product) {
        return product.description.toLowerCase().includes(searchText);
    });
    if (filteredProducts.length > 0) {
        displayProducts(filteredProducts, '#allProducts');
    } else {
        $('#allProducts').html('<p class="fw-bold">No products found.</p>');
    }
});

```

```

//cart.html
if(url.includes('cart.html')){
  let productsInLS = getFromLocalStorage('cart');
  let allProducts = getFromLocalStorage('allProducts');

  if(productsInLS){
    displayCart(productsInLS);
  }else{
    displayEmptyCart();
  }

  $(document).on('click', '#cancel', function(){

    localStorage.removeItem('cart');
    displayEmptyCart();
  })

  $(document).on('click', '.delete', function(){
    let productsInLS = getFromLocalStorage('cart');
    let idProduct = $(this).data('delete-id');

    let productsAfterDelete = productsInLS.filter(x=>x.id !== idProduct);
    if(!productsAfterDelete.length){
      localStorage.removeItem('cart')
      displayEmptyCart();
    } else{
      setLocalStorage('cart', productsAfterDelete);
      displayCart(productsAfterDelete);
    }
  })
}

//functions
function displayEmptyCart(){
  let display = `

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```

```

function displayCart(productsInLS){
  let display = `<div class="table-responsive">
    <table class="table">
      <thead>
        <tr>
          <th scope="col" class="border-0 bg-light">
            <div class="p-2 px-3 text-uppercase">Product</div>
          </th>
          <th scope="col" class="border-0 bg-light">
            <div class="py-2 text-uppercase">Price</div>
          </th>
          <th scope="col" class="border-0 bg-light">
            <div class="py-2 text-uppercase">Quantity</div>
          </th>
          <th scope="col" class="border-0 bg-light">
            <div class="py-2 text-uppercase">Remove</div>
          </th>
        </tr>
      </thead>
      <tbody>`;
  productsInLS.forEach(x=>{
    display+=`<tr>
      <th scope="row" class="border-0">
        <div class="p-2">
          
          <div class="m1-3 d-inline-block align-middle">
            <h5 class="mb-0"> <a href="#" class="text-dark d-inline-block align-middle">${processDescription(x.id)}</a></h5>
          </div>
        </div>
      </th>
      <td class="border-0 align-middle"><strong>${x.price}</strong></td>
      <td class="border-0 align-middle"><strong>${x.qty}</strong></td>
      <td class="border-0 align-middle"><button class="text-dark delete" data-delete-id="${x.id}"><i class="fa fa-trash"></i></button></td>
    </tr> `
  });
  display+=`</tbody>
</table>
</div>`;
}

```



```

</table>
</div>
<div class="bg-yellow text-center py-3">
  <h4 class="mb-0">Total price:  $\${displayTotalPrice('')}$ </h4>
</div>
<div class="text-end mt-3">
  <button class="bg-green py-2 px-3 rounded border-white text-white" id="order" data-bs-toggle="modal" data-bs-target="#orderModal">Order</button>
  <div class="modal fade" id="orderModal" tabindex="-1" aria-labelledby="exampleModallabel" aria-hidden="true">
    <div class="modal-dialog modal-dialog-centered modal-dialog-scrollable">
      <div class="modal-content">
        <div class="modal-header">
          <h1 class="modal-title fs-5" id="exampleModallabel">Order</h1>
          <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
        </div>
        <div class="modal-body">
          <form>
            <div class="row">
              <div class="col">
                <input type="text" class="form-control" placeholder="First name" id="fname">
                <p class="text-danger text-start px-2 mb-0"></p>
              </div>
              <div class="col">
                <input type="text" class="form-control" placeholder="Last name" id="lname">
                <p class="text-danger text-start px-2 mb-0"></p>
              </div>
            </div>
            <div class="form-group mt-3">
              <input type="text" class="form-control" placeholder="Email" id="email">
              <p class="text-danger text-start px-2 mb-0"></p>
            </div>
            <div class="form-group mt-3">
              <input type="text" class="form-control" placeholder="Number" id="phone">
              <p class="text-danger text-start px-2 mb-0"></p>
            </div>
            <div class="form-group mt-3">
              <select id="orderType" class="form-control">
            </select>
            <p class="text-danger text-start px-2 mb-0"></p>
          </div>
          <div class="form-group mt-3">
            <input type="checkbox" id="subscribe">
            <label class="form-check-label" for="subscribe">
              Subscribe to our newsletter
            </label>
          </div>
        </form>
      </div>
    </div>
  </div>
</div>

```

```

    asyncFunctionCallCart();
  }

  function displayOrderTypes(orders){
    let display = `<option value="0">Choose delivery method</option>`;

    orders.forEach(x=>{
      display += `<option value="${x.id}">${x.name}</option>`;
    })

    $('#orderType').html(display);
  }

  function processDescription(id){
    return allProducts.find(x=> x.id == id).description;
  }

  function processOrderDate(){
    let today = new Date();
    let futureDate = new Date(today.getTime() + 3 * 24 * 60 * 60 * 1000);
    let formattedDate = formatDate(futureDate);
  }

  function formatDate(date) {
    let day = date.getDate();
    let month = date.getMonth() + 1;
    let year = date.getFullYear();

    return day + '.' + month + '.' + year;
  }

  return formattedDate;
}

```

```

let regExName = /^[A-ZĀČĤŠŦŽ][a-zĀČĤŠŦŽ]{2,}$/;
let regExEmail = /^[a-z0-9]{3,}([\.][a-z0-9\-\$\*\_\+]*)[\@](gmail.com|yahoo.com|edu.rs)$/;
let regExPhone = /^06[0-9]\/[0-9]{7}$/;

var error = false;
function validateRegEx(regEx, element, requiredText, exampleText) {
  if ($(element).val() == 0) {
    $(element).addClass('border-danger');
    $(element).next().text(requiredText + ' is required.');
```

```

    error = true;
    return;
  }
  if (!$ (element).val().match(regEx)) {
    $(element).addClass('border-danger');
    $(element).next().html(exampleText);
    error = true;
  }
  else {
    $(element).removeClass('border-danger');
    $(element).addClass('border-success');
    $(element).next().text('');
  }
}

$('#fname').blur(function () {
  validateRegEx(regExName, '#fname', 'First name', 'Example: Ana');
})

$('#lname').blur(function () {
  validateRegEx(regExName, '#lname', 'Last name', 'Example: Smith');
})

$('#email').blur(function () {
  validateRegEx(regExEmail, '#email', 'Email', 'Example: example@gmail.com');
})

$('#phone').blur(function () {
  validateRegEx(regExPhone, '#phone', 'Number', 'Format: 061/1234567');
})

$('#orderType').change(function(){
  if($('#orderType option:selected').index() == 0){
    $('#orderType').addClass('border-danger');
    $('#orderType').next().text('Please choose delivery');
    error = true;
  }else{
    $('#orderType').removeClass('border-danger');
    $('#orderType').addClass('border-success');
    $('#orderType').next().text('');
  }
})

$('#orderButton').click(validateOnSubmit);

```

```
function validateOnSubmit() {  
    error = 0;  
    validateRegex(regexName, '#fname', 'First name', 'Example: Ana');  
    validateRegex(regexName, '#lname', 'Last name', 'Example: Smith');  
    validateRegex(regexEmail, '#email', 'Email', 'Example: example@gmail.com');  
    validateRegex(regexPhone, '#phone', 'Number', 'Format: 061/1234567');  
    if (!error) {  
        $('#orderButton').next().removeClass('d-none');  
        let toastLive = $('#orderToast');  
        let toast = new bootstrap.Toast(toastLive);  
        toast.show();  
        localStorage.removeItem('cart');  
    }  
    else {  
        $('#orderButton').next().addClass('d-none');  
    }  
}
```