

Dokumentacija:

<https://tacumaki99.github.io/DizzyGillespie/>

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Uvod

1.1. Korišćeni programski jezici

Za izradu sajta „Dizzy Gillespie“ korišćeni su sledeći jezici:

- HTML
- CSS
- XML
- JavaScript
- jQuery (biblioteka Slick)

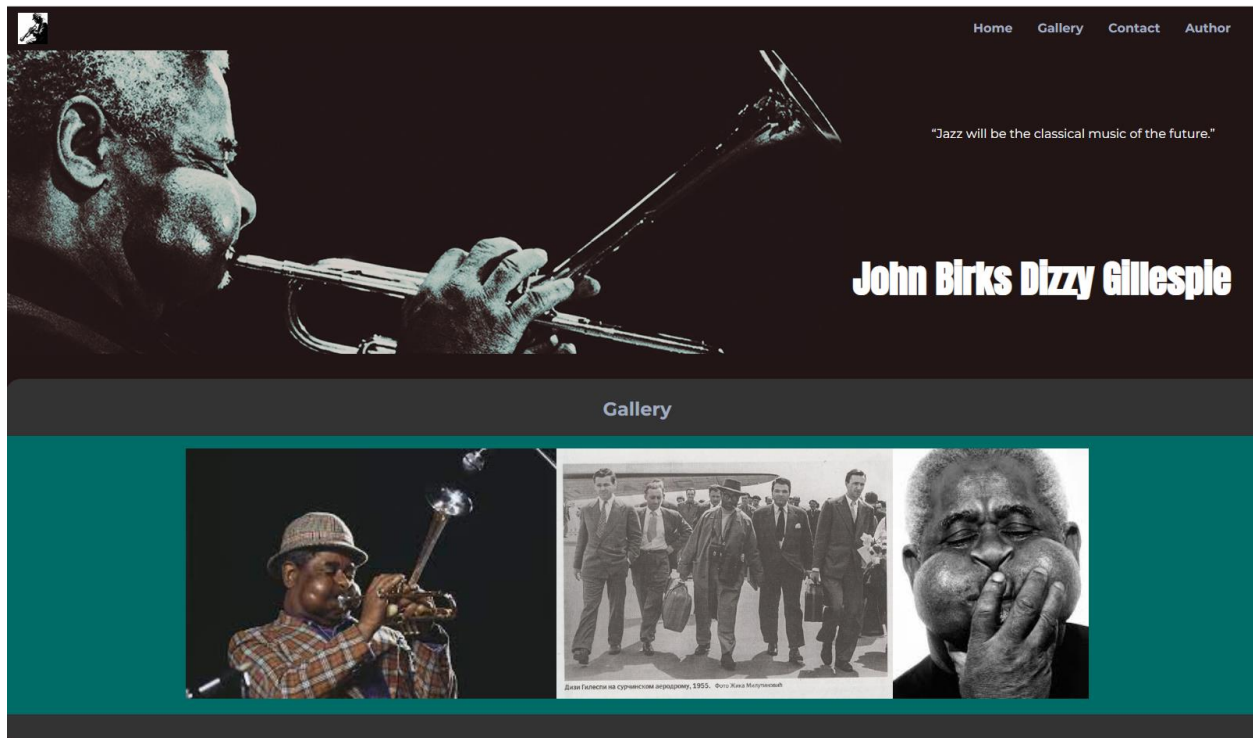
Navedeni jezici pisani su u editor-u „Visual Studio Code“.

1.2 Opis funkcionalnosti

- Dinamički ispis navigacione liste u header-u
- Hamburger taster u header-u na manjim ekranima za prikaz navigacije
- Responsive sajt (U CSS-u)
- Slider sa sa tekстом (promena teksta na 4 sekunde)
- Provera kontakt forme (u JavaScript programskom jeziku)
- Footer stranice gde se nalazi link ka dokumentaciji sajta I sitemap.xml file-u.
- Dinamički ispis slika unutar galerije

1.3 Dizajn sajta

Za izradu sajta nije korišćen template.



Contact

First name

Last name

E-Mail

☐ Agree to [Terms & Conditions](#)

Author



Hey! My name is Tamara. I am from Belgrade. I'm currently attending Collage of Information and Communication Technologies. Before collage i finished two high schools, Zemunskaa gymnasium School and Music School "Stankovic". In spare time I play the trumpet and practice karate.

Due to my ardent love of music and my knowledge of music history, I decided to dedicate this project to one of the most commercially influential jazz players of all times.

Organizacija

2.1 Organizaciona šema

Sajt je napravljen tako da se sve nalazi u okviru jedne stranice (single-page).

- Index.html

2.2 Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
<loc>https://tacumaki99.github.io/DizzyGillespie/</loc>
<lastmod>2022-12-15T01:28:10+00:00</lastmod>
<changefreq>daily</changefreq>
<priority>1.0</priority>
</url>
</urlset>
```

2.3 Organizacija sajta

Header



U vrhu stranice sa desne strane se nalazi navigacioni meni kojim se lakse dolazi do željenih delova stranice.



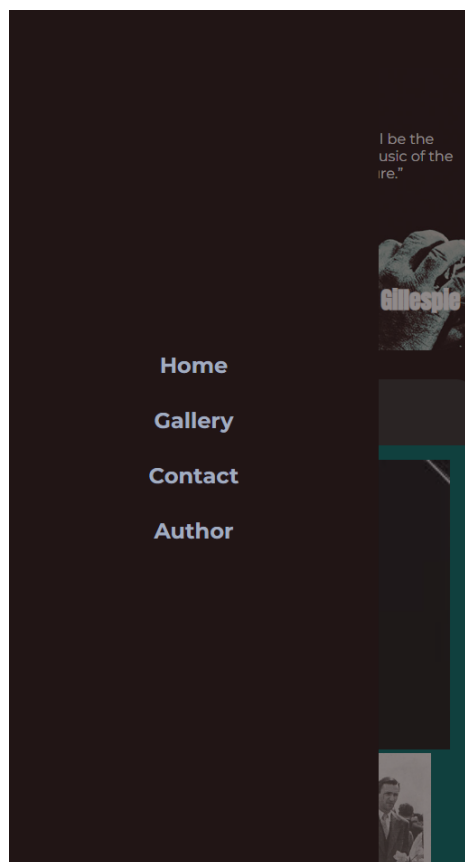
Za manju veličinu ekrana namenjen je “Hamburger dugme” kojim se otvara navikacija.

Ispis liste za navigaciju izvršava se Javascript kodom.

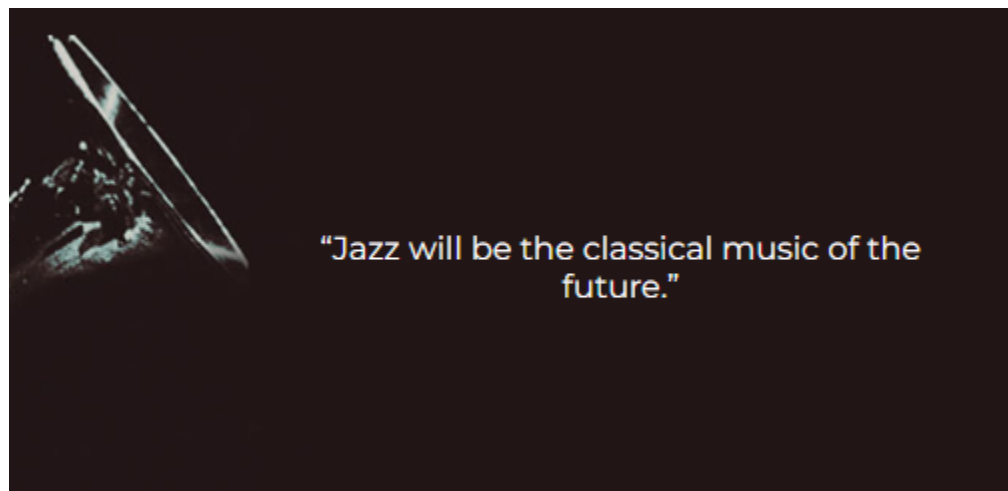
Pored navigacije u Header-u se nalazi I logo koji je vidljiv na svim vel;inama ekrana.

“Hamburger dugme” I navigacija namenjena većim dimenzijama ekrana se nikada ne pojavljuju istovremeno.

Otvaranje navigacije preko “Hamburger dugmeta” se izvršava Javascript kodom.



Slider



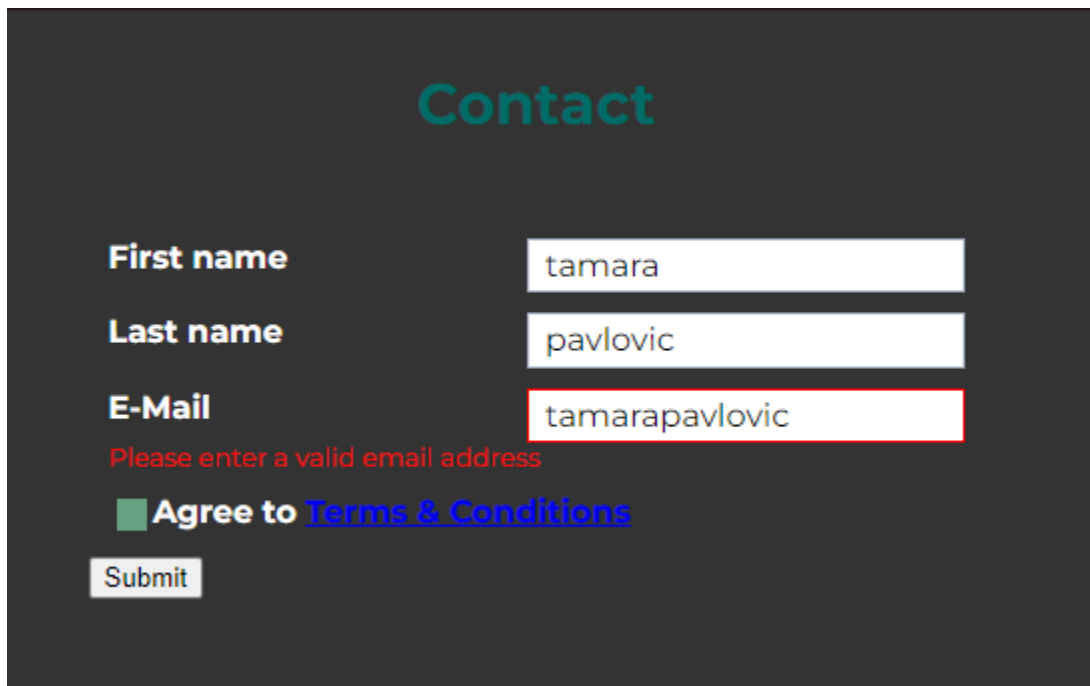
Smena teksta se izvršava Javascript kodom i promena se desava na 4 sekunde.

Provera Forme



A contact form titled "Contact" in teal. It features three input fields for "First name", "Last name", and "E-Mail". Below the fields is a checkbox labeled "Agree to" followed by a blue link "Terms & Conditions". At the bottom is a "Submit" button.

Provera Forme se izvrsava Javascriptom I vraca se informacija korisniku u slučaju da postoji pogrešno uneto polje.



The same contact form as above, but with the input fields filled: "First name" is "tamara", "Last name" is "pavlovic", and "E-Mail" is "tamarapavlovic". The "E-Mail" field has a red border and a red error message "Please enter a valid email address" below it. The "Submit" button is disabled.

Forma blokira dugme u slučaju da su polja neispravno uneta ili prazna.

Contact

First name

This field is required

Last name

This field is required

E-Mail

This field is required

☐ **Agree to [Terms & Conditions](#)**

You must agree to terms and conditions to proceed.

Submit

Kodovi

3.1 HTML

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <meta name="author" content="Tamara Pavlović" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta
      name="description"
      content="John Birks Dizzy Gillespie, gallery and life discography"
    />
    <meta
      name="keywords"
      content="John Birks Dizzy Gillespie, Dizzy Gillespie, Birks' Work,
Anthropology, Groovin' High, Dese finado"
    />
    <title>Dizzy Gillespie</title>
    <link rel="shortcut icon" href="favicon-trumpet_player.png" />
    <link rel="stylesheet" href="main.css" />
  </head>
  <body>
    <div class="backdrop"></div>
    <header id="main-header">
      <div>
        <button class="toggle-button">
          <span class="toggle-button__bar"></span>
          <span class="toggle-button__bar"></span>
          <span class="toggle-button__bar"></span>
        </button>
        <a href="#main-header" class="main-header__brand">
          
        </a>
      </div>
      <nav class="main-nav">
        <ul class="main-nav__items">
          <!--Content is done through JavaScript => mainNav-->
        </ul>
      </nav>
    </div>
  </body>
</html>
```

```

    </nav>
</header>
<nav class="mobile-nav">
    <ul class="mobile-nav__items">
        <!--Content is done through JavaScript => mobileNav-->
    </ul>
</nav>
<main>
    <section id="overview">
        <div class="quotes-slider">
            <q>I don't care much about music. What I like is sounds.</q>
        </div>
        <div class="quotes-slider">
            <q>It's taken me all my life to learn what not to play.</q>
        </div>
        <div class="quotes-slider">
            <q>The idea of life is to give and receive.</q>
        </div>
        <div class="quotes-slider">
            <q>Jazz will be the classical music of the future.</q>
        </div>
        <h1>John Birks Dizzy Gillespie</h1>
    </section>
    <section id="gallery" class="section-parts">
        <h1 id="gallery_title" class="section-parts_title">Gallery</h1>
        <div class="gallery_items_container">
        </div>
    </section>

    <section id="contact" class="contact_form-section section-parts">
        <h1 class="contact-title">Contact</h1>
        <form action="index.html" class="contact-form">
            <div class="form-row">
                <div>
                    <label for="firstName">First name</label>
                    <input type="text" id="firstName" />
                </div>
                <span
                    class="form-err"
                    role="alert"
                    id="firstNameErr"
                    aria-hidden="true"
                >
                    This field is required
                </span>
            </div>
        </form>
    </section>

```

```

</div>
<div class="form-row">
  <div>
    <label for="lastName">Last name</label>
    <input type="text" id="lastName" />
  </div>
  <span
    class="form-err"
    role="alert"
    id="lastNameErr"
    aria-hidden="true"
  >
    This field is required
  </span>
</div>
<div class="form-row">
  <div>
    <label for="email">E-Mail</label>
    <input type="email" id="email" />
  </div>
  <span
    class="form-err"
    role="alert"
    id="emailErr"
    aria-hidden="true"
  >
    This field is required
  </span>
  <span
    class="form-err"
    role="alert"
    id="emailErrValid"
    aria-hidden="true"
  >
    Please enter a valid email address
  </span>
</div>
<div class="signup-form__checkbox form-row">
  <div>
    <input type="checkbox" id="agreeTerms" />
    <label for="agreeTerms">
      >Agree to
      <a href="#">Terms & Conditions</a>
    </label>
  </div>
</div>

```

```

        <span
            class="form-err"
            role="alert"
            id="agreeTermsErr"
            aria-hidden="true"
        >
            You must agree to terms and conditions to proceed.
        </span>
    </div>
    <button id="submit" type="submit" class="button">Submit</button>
</form>
</section>
<section id="author" class="section-parts">
    <h1 class="section-parts_title">Author</h1>
    <div class="author_items_container">
        <div clas="author_items">
            
            <p>
                Hey! My name is Tamara. I am from Belgrade.I'm corrently attendyng
                Collage of Information and Comunication Technologies. Before
                collage i finished two high schools, Zemunska gymnasium School and
                Music School "Stankovic". In spare time I play the trumpet and
                practice karate.
            </p>
            <p>
                Due to my ardent love of music and my knowledge of music history,
                I decided to dedicate this project to one of the most commercially
                influential jazz players of all times.
            </p>
        </div>
    </div>
</section>
</main>
<footer class="main-footer">
    <nav>
        <ul class="main-footer__links">
            <li class="main-footer__link">
                <a href="assets/sitemap.xml">Sitemap</a>
            </li>
            <li class="main-footer__link">
                <a href="Dokumentacija.pdf">Dokumentacija</a>
            </li>
            <li class="main-footer__link">
                Copyright &#169; Tamara Pavlović 239/20
            </li>
        </ul>
    </nav>

```

```
        </ul>
    </nav>
</footer>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
    <script type="text/javascript" src="main.js"></script>
</body>
</html>
```

3.2 CSS

main.css

```
@import url('https://fonts.googleapis.com/css?family=Anton');
@import url('https://fonts.googleapis.com/css?family=Montserrat:400,700');

* {
  box-sizing: border-box;
}

html {
  height: 100%;
  box-sizing: border-box;
}

body {
  font-family: 'Montserrat', sans-serif;
  margin: 0;
  display: grid;
  grid-template-rows: 3.5rem auto fit-content(8rem);
  grid-template-areas: "header" "main" "footer";
  height: 100%;
}

.backdrop {
  position: fixed;
  display: none;
  top: 0;
  left: 0;
  z-index: 100;
  width: 100vw;
  height: 100vh;
  background: #211515;
  opacity: 0.5;
}

#main-header {
  width: 100%;
  position: fixed;
  top: 0;
  left: 0;
  background: #211515;
  padding: 0.5rem 1rem;
```

```

    z-index: 60;
    display: flex;
    align-items: center;
    justify-content: space-between;
}

.toggle-button {
    width: 3rem;
    background: transparent;
    border: none;
    cursor: pointer;
    padding-top: 0;
    padding-bottom: 0;
    vertical-align: middle;
}

.toggle-button:focus {
    outline: none;
}

.toggle-button__bar {
    width: 100%;
    height: 0.2rem;
    background: #A2ADC0;
    display: block;
    margin: 0.6rem 0;
}

.main-header__brand {
    text-decoration: none;
    font-weight: bold;
}

.main-header__brand img {
    height: 2.5rem;
    vertical-align: middle;
}

.main-nav{
    display: none;
}

.main-nav__items {
    margin: 0;

```

```

padding: 0;
list-style: none;
display: flex;
justify-content: end;
}

.main-nav__item {
margin: 0 1rem;
}

.main-nav__item a,
.mobile-nav__item a {
text-decoration: none;
color: #A2ADC0;
font-weight: bold;
padding: 0.2rem 0;
}

.main-nav__item a:hover,
.main-nav__item a:active {
color: #7c8594;
border-bottom: 5px solid #7c8594;
}

.mobile-nav {
display: none;
position: fixed;
z-index: 101;
top: 0;
left: 0;
background: #211515;
width: 80%;
height: 100vh;
}

.mobile-nav__items {
width: 90%;
height: 100%;
list-style: none;
margin: 0 auto;
padding: 0;
display: flex;
flex-direction: column;
justify-content: center;
align-items: center;
}

```



```

}

.mobile-nav__item {
  margin: 1rem 0;
}

.mobile-nav__item a {
  font-size: 1.5rem;
}

.open {
  display: block !important;
}

.main-footer {
  background: black;
  padding: 2rem;
  margin-top: 3rem;
  grid-area: footer;
}

.main-footer__links {
  list-style: none;
  margin: 0;
  padding: 0;
  display: flex;
  flex-direction: column;
  align-items: center;
}

.main-footer__link {
  margin: 0.5rem 0;
  color: white;
}

.main-footer__link a {
  color: white;
  text-decoration: none;
}

.main-footer__link a:hover,
.main-footer__link a:active {
  color: #ccc;
}

```

```

main {
  grid-area: main;
  background-color: #211515;
}

#overview {
  background: url("img/dizzy_gillespie-mainpage.jpg") left/cover no-repeat
border-box;
  width: 100vw;
  height: 33vh;
  position: relative;
  grid-area: overview;
}

.quotes-slider {
  position: absolute;
  top: 4.8rem;
  right: 3%;
  color: white;
  width: 35%;
  text-align: center;
}

#overview h1 {
  color: white;
  font-family: "Anton", sans-serif;
  position: absolute;
  bottom: 5%;
  right: 3%;
  font-size: 1.6rem;
}

.section-parts{
  margin: auto;
  background-color: #333333;
  border-radius: 20px;
  padding-top: 0.3rem;
  padding-bottom: 2rem;
  margin-top: 2rem;
}

.section-parts_title {
  color: #A2ADC0;
  text-align: center;
}

```

```

.gallery_items_container {
  text-align: center;
  padding: 1rem;
  margin: 0.5rem 0;
  background-color: #006c67;
}

.gallery_items__img {
  height: 20rem;
}

.contact-title {
  text-align: center;
  font-size: 1.8rem;
  color: #006c67;
}

.contact-form {
  padding: 1rem;
  display: block;
  grid-auto-rows: 2rem;
  grid-row-gap: 0.5rem;
}

.contact-form div:nth-child(1){
  flex: 1;
}

.contact-form label {
  font-weight: bold;
  color: white;
}

.contact-form label,
.contact-form input,
.contact-form select {
  display: block;
  width: 100%;
}

```

```

.contact-form input[id*="terms"],
.contact-form input[id*="terms"] + label {
  display: inline-block;
  width: auto;
  vertical-align: bottom;
}

.contact-form input:not([type="checkbox"]),
.conatct-form select {
  border: 1px solid #A2ADC0;
  padding: 0.2rem 0.5rem;
  font: inherit;
}

.contact-form input:focus,
.contact-form select:focus {
  outline: none;
  background: #A2ADC0;
  border-color: #A2ADC0;
}

.contact-form input[type="checkbox"] {
  border: 1px solid #A2ADC0;
  background: white;
  width: 1rem;
  height: 1rem;
  appearance: none;
}

.contact-form input[type="checkbox"]:checked {
  background: #66a182;
  border: #66a182;
}

.contact-form_invalid,
.contact-form_invalid ,
.contact-form_invalid {
  border-color: red !important;
  background: #faacac;
}

.contact-form button[type="submit"] {
  display: block;
}

```

```

/* .contact-form {
  display: block;
} */

#author{
  margin:5%;
  padding-top: 30px;
}

.author_items {
  display: flex;
  justify-content: center;
}

#author img {
  display: inline-block;
  margin: 2rem;
  width: 25%;
  box-shadow:-8px -8px #777777;
}

#author p{
  display: inline-block;
  margin:17px;
  text-align: left;
  width: 60%;
  font-size: 25pt;
  text-indent: 50px;
}

@media(min-width:40rem) {
  .main-nav{
    display: flex;
  }

  .toggle-button {
    display: none;
  }
}

@media (min-width: 40rem) and (min-height: 40rem) {
  #overview {

```

```

    height: 40vh;
    background-position: 25% 25%;
  }

  .quotes-slider {
    position: absolute;
    top: 25%;
    right: 3%;
    width: 25%;
  }

  #overview h1 {
    font-size: 3rem;
  }
}

@media (min-width: 40rem) {
  .main-footer__link {
    margin: 0 1rem;
  }

  .main-footer__links {
    flex-direction: row;
    justify-content: center;
  }
}

@media (min-width: 40rem) {
  .contact-form {
    margin: auto;
    width: 30rem;
    grid-template-columns: 10rem auto;
    grid-row-gap: 1rem;
    grid-column-gap: 0.5rem;
  }

  .contact-form [id="title"] {
    grid-column: span 2;
  }

  .contact-form__checkbox {
    grid-column: span 2;
  }
}

```

```
.form-err{
  display: none;
  font-size: 0.8em;
}

input.invalid{
  border-color: red !important;
}

.form-err.visible{
  display: block;
  color: red;
}

#firstNameErr {
  display: none;
  font-size: 0.8em;
}

#firstNameErr.visible {
  display: block;
}

.form-row{
  display: block;
  margin: 10px;
}

.form-row > div{
  display: flex;
}
```

3.3 JavaScript

main.js

```
// Nav menu
const $main_nav__item = $('.main-nav__items');
const $mobile_nav__item = $('.mobile-nav__items');

const nav__item = [
  {
    href: 'index.html',
    name: 'Home',
  },
  {
    href: '#gallery',
    name: 'Gallery',
  },
  {
    href: '#contact',
    name: 'Contact',
  },
  {
    href: '#author',
    name: 'Author',
  },
];

//mainNav
for (let i in nav__item) {
  $main_nav__item.append(
    `- <a
href="${nav__item[i].href}">${nav__item[i].name}</a></li>`
  );
}

//mainNav
//mobileNav
for (let i in nav__item) {
  $mobile_nav__item.append(
    `- <a
href="${nav__item[i].href}">${nav__item[i].name}</a></li>`
  );
}

var backdrop = document.querySelector('.backdrop');
var toggleButton = document.querySelector('.toggle-button');
var mobileNav = document.querySelector('.mobile-nav');

```



```

toggleButton.addEventListener('click', function () {
  mobileNav.classList.add('open');
  backdrop.classList.add('open');
});

backdrop.addEventListener('click', function () {
  mobileNav.classList.remove('open');
  backdrop.classList.remove('open');
});

document
  .querySelector('.mobile-nav__item')
  .addEventListener('click', function () {
    mobileNav.classList.remove('open');
    backdrop.classList.remove('open');
  });
//mobileNav
// Nav menu

// quoteSlider
let slideIndex = 0;
quoteSlidesShow();

function quoteSlidesShow() {
  let i;
  let quoteSlides = document.getElementsByClassName('quotes-slider');
  for (i = 0; i < quoteSlides.length; i++) {
    quoteSlides[i].style.display = 'none';
  }
  slideIndex++;
  if (slideIndex > quoteSlides.length) {
    slideIndex = 1;
  }
  quoteSlides[slideIndex - 1].style.display = 'block';
  setTimeout(quoteSlidesShow, 4000);
}
// quoteSlider

//gallery

const $gallery_item = $('.gallery_items_container');
const gallery_items__img = [
  {
    src: 'img/dizzygillespie.jpg',
    alt: 'John Birks Dizzy Gillespie',
  }

```

```

    text: "John Birks 'Dizzy' Gillespie was an American jazz trumpeter,
bandleader, composer, educator and singer.",
  },
  {
    src: 'img/belgradeJazzFestival.jpg',
    alt: 'John Birks Dizzy Gillespie',
    text: "Dizzy Gillespie first time in Belgrade",
  },
  {
    src: 'img/DizzyGillespieBalloonCheeks.jpg',
    alt: 'Dizzy Gillespie`s Balloon Cheeks',
    text: "He was know for his balloon cheeks. His mouth's buccinator muscles
that line the cheeks were very streched and deformed.",
  }
];

for (let i in gallery_items__img) {
  $gallery_item.append(
    `![${gallery_items__img[i].alt}](${gallery_items__img[i].src})

```

```

if (!firstName.value) {
    firstNameErr.classList.add('visible');
    firstName.classList.add('invalid');
    firstNameErr.setAttribute('aria-hidden', false);
    firstName.setAttribute('aria-invalid', true);
}
else {
    firstNameErr.classList.remove('visible');
    firstName.classList.remove('invalid');
    firstNameErr.setAttribute('aria-hidden', true);
    firstName.setAttribute('aria-invalid', false);
}

if (!lastName.value) {
    lastNameErr.classList.add('visible');
    lastName.classList.add('invalid');
    lastNameErr.setAttribute('aria-hidden', false);
    lastNameErr.setAttribute('aria-invalid', true);
}
else {
    lastNameErr.classList.remove('visible');
    lastName.classList.remove('invalid');
    lastNameErr.setAttribute('aria-hidden', true);
    lastNameErr.setAttribute('aria-invalid', false);
}

console.log(email.value);
if (!email.value) {
    emailErr.classList.add('visible');
    email.classList.add('invalid');
    emailErr.setAttribute('aria-hidden', false);
    email.setAttribute('aria-invalid', true);
} else if (
    !email.value
        .toLowerCase()
        .match(
            /^(([^<>()[\]\.,;:\s@"]+(\.[^<>()[\]\.,;:\s@"]+)*)|(\\".+\\"))@(((^<>()[\]\.,;:\s@"]+\.)+[^\<>()[\]\.,;:\s@"]{2,})$/i
        )
    ) {
    emailErrValid.classList.add('visible');
    email.classList.add('invalid');
    emailErrValid.setAttribute('aria-hidden', false);
    email.setAttribute('aria-invalid', true);
}

```

```
}  
else {  
    emailErrValid.classList.remove('visible');  
    email.classList.remove('invalid');  
    emailErrValid.setAttribute('aria-hidden', true);  
    email.setAttribute('aria-invalid', false);  
}  
  
if (!agreeTerms.checked) {  
    agreeTermsErr.classList.add('visible');  
    agreeTerms.classList.add('invalid');  
    agreeTermsErr.setAttribute('aria-hidden', false);  
    agreeTerms.setAttribute('aria-invalid', true);  
}  
else {  
    agreeTermsErr.classList.remove('visible');  
    agreeTerms.classList.remove('invalid');  
    agreeTermsErr.setAttribute('aria-hidden', true);  
    agreeTerms.setAttribute('aria-invalid', false);  
}  
}
```