

Never give up GYM

<https://nevergiveupgym.netlify.app>

Predmet: Web programiranje 1

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Broj indeksa: 93/19

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1. Uvod

1.1 Korišćeni programski jezici

- HTML
- CSS
- Bootstrap
- JavaScript
- JQuery
- JQuery – stacked cards plugin
- Visual studio code

1.2 Opis funkcionalnosti

- Sajt je responsive bez upotrebe template
- Dinamički se ispisuje navigacioni meni na stranici
- Dugme “hamburger” se dinamički ispisuje i aktivira se klikom na manjim rezolucijama
- Dinamički se ispisuje “About us” deo stranice(sliku i informativni tekst)
- Dinamički se ispisuje “Our programs” deo stranice(slike i opis programa)
- Na delu stranice “Our programs” se nalazi dugme koje prikazuje/sakriva tekst
- Slajder na “Exercisers” je odrađen pomoću JQuery-a(stackedCards plugin-a)
- Validacija forme je odrađena preko regularnih izraza
- Korisnik dobija povratnu informaciju ako je ispravno popunio formu kao i obaveštenje o grešci ako nije lepo uneo podatke

- Dinamički se ispisuje “footer” deo stranice (podaci i linkovi)

1.3 Template

- Za izradu sajta nije korišćen template.

2. Organizacija

2.1 Organizaciona šema

Pošto je tip sajta single-page, svim linkovima u navigacionom meniju se pristupa na index.html stranici.

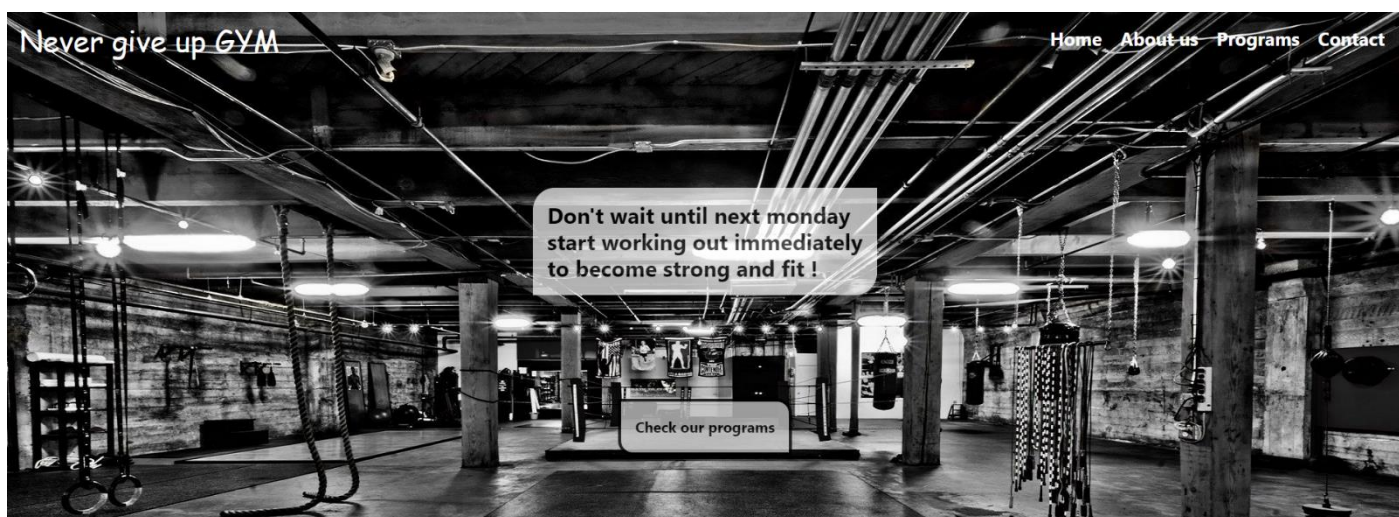
2.2 Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
<url>
  <loc>https://nevergiveupgym.netlify.app/</loc>
  <lastmod>2020-12-11</lastmod>
  <changefreq>monthly</changefreq>
  <priority>0.9</priority>
</url>
</urlset>
```

2.3 Opis i slika stranice

Pri učitavanju same stranice dinamički se ispisuje navigacija (home, about us, programs, contact).

Na prikazanoj slici pored navigacije nalazi se logo, moto (tekst) kao i opcija da se korisnik odmah spusti na deo stranice sa programima.



“About us” deo stranice

About us



Our success is reflected in the greatest modern exercise equipment and beautifully arranged exterior that emphasizes productivity.

Our most professional coaches will make sure your workout is effective and efficient.

Individual trainings are adapted to the most diverse workouts and various fitness needs of exercisers.
For group trainings our tactic is based on forming smaller groups so the workout could be more effective for every member.

Na ovom delu stranice je dinamički ispisan tekst (nešto ukratko rečeno o teretani) kao i slika.

“Our programs” deo stranice

Our programs



Functional drill

Functional training - affects the increase of fitness and strength, acceleration of metabolism and burning of calories. The program is designed for exercisers of all ages. The trainer is there to teach you and take care of the regularity of your movement, and to adapt each exercise to your current physical shape

[More / Less](#)

Aerobics

Aerobics is a dynamic and fun fitness program that will allow you to burn a large number of calories in 60 minutes without the feeling of exhaustion that occurs after many cardio programs

[More / Less](#)

Boot camp

Modeled on the training of special units, the bootcamp will make your body and character stronger. The bootcamp took the best from the world of action, adjusted it for both sexes and all levels of physical fitness

[More / Less](#)

Yoga

Yoga is one of the most famous and widespread type of exercise in the world. Yoga is not just a physical exercise, but learning to establish a state of complete peace and relaxation

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Cardio box

Cardio Box is a high-intensity training inspired by martial arts performed on sacks. A combination of punches from various martial arts, mostly from boxing and kickboxing, with the use of hand and foot technique on the jack that fit into simple choreographies adapted to practitioners, both beginners and those who have encountered similar programs

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Zumba

Zumba is an interesting way to exercise. Simply training where we primarily have fun, and with good fun we burn calories

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Na ovom delu stranice su dinamički ispisana slika programa kao i deo teksta koji opisuje taj program. Takođe je dinamički ispisano i dugme (more/less).

Da bi se korisniku prikazao ostatak teksta o programima za treniranje potrebno je da klikne na dugme I tada ćemu se prikazati ostatak teksta koji je isto dinamički ispisan.



Boot camp

Modeled on the training of special units, the bootcamp will make your body and character stronger. The bootcamp took the best from the world of action, adjusted it for both sexes and all levels of physical fitness

Boot camp training often commences with dynamic stretching and running, followed by a wide variety of interval training, including lifting weights/objects, pulling rubber TRX straps, pushups/situps and various types of intense explosive routines. Sessions usually finish with yoga stretching. Many other exercises using weights and/or bodyweight, similar to CrossFit routines, are used to lose body fat, increase cardiovascular efficiency, increase strength, and help people get into a routine of regular exercise

[More / Less](#)



Yoga

Yoga is one of the most famous and widespread type of exercise in the world. Yoga is not just a physical exercise, but learning to establish a state of complete peace and relaxation

Without a doubt, yoga is great for your body. It helps increase flexibility, strengthen and tones your muscles, improves circulatory health, and promotes deeper breathing patterns. Our program will give you an excellent overview of the principles of yoga, poses, breathwork, and mindfulness

[More / Less](#)

“Exercisers” deo stranice

Na ovom delu stranice je prikaz slajder sa utiscima korisnika koji je odrađen pomoću JQuery plugin-a (stacked cards plugin).



“Contact” deo stranice

Prikazana je forma u koju korisnik treba da unese svoje podatke koji se potom proveravaju (vrši se validacija pomoću regularnih izraza).

Ako korisnik nije lepo uneo podatke pojaviće mu se obaveštenje o grešci (koje polje nije ispravno popunio) kao i šablon koji mu sugerise kako to ispravno da uradi.

Ako je korisnik ispravno uneo podatke pojaviće se obaveštenje da je na pravi način popunio formu.

Contact us

Full name*

Enter your name

Incorrect name (e.g. Aleksa Strugarević)

Email*

Enter your e-mail

Incorrect email (e.g. aleksa.strugarevic@gmail.com)

Number*

Enter your phone number

Incorrect phone number (e.g. 06X XXX XXXX)

Message*

Message

Message field must not be empty and must begin with a capital letter

Contact us

Full name*

Enter your name

Email*

Enter your e-mail

Number*

Enter your phone number

Message*

Message

Successfully

“Footer” deo stranice

Prikazan je dinamički ispisan footer sa podacima i linkovima (facebook, Instagram, twitter, youtube, o autor, dokumentacija i mapa sajta).

3. Kodovi

3.1 HTML

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Never give up gym - Aleksa Strugarević</title>
  <meta name="description" content="On this website you can find out all about training programs, also you can see the impressions of the exercisers, as well as to contact us at any time"/>
  <meta name="keywords" content="gym, programs, trainings, fitness, strong"/>
  <meta name="author" content="Aleksa Strugarević"/>
  <link rel="stylesheet" href="bootstrap/css/bootstrap.css"/>
  <link rel="stylesheet" href="css/style.css"/>
  <link rel="stylesheet" type="text/css" href="css/stackedCards.css"/>
  <link rel="shortcut icon" href="img/logo.ico"/>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css" integrity="sha384-50oBUHEmvpQ+1lW4y57PTFmhCaXp0ML5d60M1M7uH2+nqUivzIebhnd0JK28anvf" crossorigin="anonymous">
  <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet"/>
  <script src="https://unpkg.com/aos@2.3.1/dist/aos.js"></script>
</head>
<body>
  <div id="btnTop">
    <button class="topBtn tBtn"><a href="#up"><i class="fas fa-angle-up"></i></a></button>
  </div>
  <div id="up">
    <div class="header">
      <div id="logo">
        <a href="index.html"> <h1>Never give up GYM</h1></a>
      </div>
      <div id="menu">
```

```

        <a href="#" id="bur"><i class="fas fa-bars burger"></i></a>
<div id="xsR">
    <ul id="menuR"></ul>
</div>
    <ul id="menuDin"></ul>
</div>
</div>
<div id="mot">
    <h1 class="moth">Don't wait until next monday </br> start working out immediately
</br> to become strong and fit !</h1>
    <a id="cop" href="#subtitle">Check our programs</a>
</div>
</div>
<div id="about">

</div>
    <div id="progg">
        <h1 id="subtitle">Our programs</h1>
    </div>
<h1 id="review">Exercisers</h1>
<div class="stacked-cards example">
    <ul>
        <li>
            <p><b>Gordon said:</b> "I liked workig out in small groups. The instructor rea
lly paid attention to each member whether he was doing the exercises properly so that the
results could be successful."</p>
        </li>
        <li>
            <p><b>Philip said:</b> "The ambiance is really inspiring and beautiful. All of
the equipment are new and well working. Exercising was a pleasure in this atmosphere."</p>
        </li>
        <li>
            <p><b>Monica said:</b> "I was very pleased by instructors professional relatio
nship with exercisers, excellent trainings and quick results."</p>
        </li>
    </ul>
</div>

<div class="container-xl-fluid w-75 poz mx-auto rounded-lg mt-5 mb-5">
    <h1 id="contact" class="wht">Contact us</h1>
    <form name="formularKontakt" id="formularKontakt" action="#">
        <div class="form-group w-75 mx-auto pt-3">
            <label for="exampleFormControlSelect1" class="text-light">Full name*</label>
            <input type="text" class="form-
control" name ="name" id="name1" placeholder="Enter your name">
            <span id="name1Greska" class="sakrij greska">Incorrect name (e.g. Aleksa Strug
arević)</span>
        </div>
        <div class="form-group w-75 mx-auto">
            <label for="exampleFormControlInput1" class="text-light">Email*</label>

```

```

        <input type="email" class="form-
control" name ="email" id="email1" placeholder="Enter your e-mail">
        <span id="email1Greska" class="sakrij greska">Incorrect email (e.g. aleksa.str
ugarevic@gmail.com)</span>
    </div>
    <div class="form-group w-75 mx-auto">
        <label for="exampleFormControlSelect1" class="text-light">Number*</label>
        <input type="text" class="form-
control" name ="phone" id="phone"placeholder="Enter your phone number">
        <span id="phoneGreska" class="sakrij greska">Incorrect phone number (e.g. 06X
XXX XXXX)</span>
    </div>
    <div class="form-group w-75 mx-auto pt-4">
        <label for="exampleFormControlTextarea1" class="text-light">Message*</label>
        <textarea class="form-
control" name ="message" id="message" placeholder="Message"rows="4"></textarea>
        <span id="messageGreska" class="sakrij greska">Message field must not be emp
ty and must begin with a capital letter</span>
    </div>
    <div class="form-group w-75 mx-auto pb-3">
        <input type="submit" id="idbtn" class="btn btn-dark btn-
sm" value="Send"/><span class="mx-auto sakrij text-
center" id="forma2">Successfully </span>
    </div>
</div>
</form>
</div>
<footer id="footer">
</footer>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></scrip
t>
<script src="js/stackedCards.min.js"></script>
<script src="js/main.js"></script>
<script> AOS.init(); </script>
<script
src="https://code.jquery.com/jquery-3.5.1.min.js"
integrity="sha256-9/aliU8dGd2tb60SsuzixeV4y/faTqgFtohetphbbj0="
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivrivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" int
egrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous">
</script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" i
ntegrity="sha384-
wfSDF2E50Y2D1uUdj003uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl30g8ifwB6" crossorigin="anonymous">
</script>
</body>
</html>

```

3.2 CSS

style.css

```
*{
  margin: 0px;
  padding: 0px;
}
.tBtn{
  background-color:#ffffff;
  border-radius:50%;
  display:inline-block;
  cursor:pointer;
  font-size:13px;
  padding:4px 10px;
  text-decoration:none;
}
#btnTop{
  position: fixed;
  bottom:20px;
  right:10px;
  z-index: 99;
}
#btnTop i{
  font-size:25px;
}
#btnTop a{
  color: #000000;
}
.topBtn{
  border:3px solid #ffffff !important;
}

#up{
  width:100%;
  height: 700px;
  background-image:url("../img/sld.jpg");
}
.header{
  display: flex;
  justify-content: space-between;
  flex-wrap: wrap;
  margin-bottom: 8%;
}
```



```

}
#logo{
  font-size:20px;
  width:35%;
  padding: 17px;
}
#logo a{
  color:#ffffff;
  text-decoration: none;
  font-family: 'Langer', cursive;
}
#menu{
  margin-right: 20px;
}
#menu ul{
  list-style-type:none;
  margin-top:20px;
}
#menu ul li{
  display:inline;

}
#menuDin li a{
  text-decoration: none;
  margin-left: 15px;
}
#cop a{
  text-decoration: none;
}
#bur{
  display: none;
}

#bur{
font-size: 30px;
margin-right: 50px;
color:#ffffff;
padding-top: 20px;
}
#menuR{
display:none;
align-items: center;
justify-content: space-around;
flex-direction: column;
background-color: rgba(0, 0, 0, 0.9);
}
#menuR li {
margin-bottom: 10px;
}

#menu ul li a{
padding:5px;

```

```

font-size:25px;
font-weight: bold;
color:#ffffff;
}
#mot{
width:100%;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
flex-wrap: wrap;

}
#mot h1{
font-size: 30px;
color:#000;
font-weight: bold;
}
#mot a{
padding: 1%;
margin-top:7%;
color:#000;
font-weight: bold;
background-color: #c2c2c2;
border: 4px solid #000000;
opacity: 80%;
font-size: 20px;
border-radius:0px 20px 0px 20px;
text-decoration: none;
}
.moth{
background-color: #ffffff;
padding: 1%;
opacity: 70%;
border-radius:30px 0px 30px 0px;;
}
#about{
text-align: center;
padding: 50px;
font-family: 'Langer', cursive;
}
.about{
display: flex;
justify-content: space-around;
flex-wrap: wrap;
align-items: center;
padding: 50px;
width: 80%;
margin: 0px auto;
}
.about p{
text-align: justify;

```

```

    font-size: 17px;
    font-weight: 700;
  }
  .about img, .saus{
    width: 40%;
    border-radius: 20px;
  }
  #subtitle{
    text-align: center;
    padding: 20px;
    font-family: 'Langer', cursive;
  }
  #progg{
    padding: 20px 0;
    text-align: center;
  }

  #progg .trng{
    width:100%;
    display: flex;
    justify-content: space-around;
  }
  #progg .trng img{
    width:100%;
    border-radius:6%;
    margin-top: 20px;
    text-align: center;
  }
  #progg .trng .text{
    width:40%;
    margin-top:20px;
    margin-left: 50px;
    color:rgba(0, 0, 0, 0.9);
  }
  .trng{
    width:100%;
    padding: 30px;
    display: flex;
    justify-content: space-between;
    background-image:url("../img/prog.jpg");
  }

  .text{
    width:70%;
    text-align: justify;
    display:flex;
    flex-direction:column;
    align-items:center;
    padding-left:10px;
  }
  .text > p{

```

```

margin-top:20px;
font-size: 20px;
font-weight: bold;
} #progg a{
  text-decoration: none !important;
  color:#ffffff;
}

.moreLess{
  color: white;
}

.btttn-read-more{
  width: 120px;
  height: 30px;
  color: #ffffff;
  text-align: center;
  font-size:15px;
  font-weight: bold;
  border: 3px solid #ffffff;
  background-color: rgba(0, 0, 0, 0.9);
  border-radius: 10px;
}

.hold{
  width: 90%;
  display: flex;
  justify-content: space-around;
  flex-wrap: wrap;
  margin: 0px auto;
}

#footer{
  background-color: #000000;
}

.foott{
  padding: 30px 0px;
  width: 20%;
  color:#ffffff;
}

.foott ul{
  display: flex;
  justify-content: space-around;
}

.foott ul li{
  list-style-type: none;
}

.foott a{
  color: #ffffff;
  text-decoration: none;
  padding: 20px;
}

.foott:nth-child(3){
  text-align: center;
}

```

```

#footer h3{
  margin-bottom: 10px;
}

#footer ul{
  flex-direction: column;
}
#footer ul li{
  padding: 10px 0px;
}
#ul2{
  flex-direction: row!important;
  justify-content: center;
  padding-top: 15px;
}
#ul2 .fab{
  color: #ffffff;
}
a .fab{
  font-size: 30px;
}
#review{
  text-align: center;
  padding: 20px;
  font-family: 'Langer', cursive;
}

.sakrij{
  display:none;
}
.prikazi{

  color: green;
  font-size: 17px;
  font-weight: bold;
  display: inline;
  padding-left: 20px;
}
.greska{
  color: #ff0000;
}
.form-control {

color: rgba(0, 0, 0, 0.9) !important;
}
@media only screen and (max-width: 1370px){
  .text > p{
    font-size: 17px;
  }
}

@media only screen and (max-width: 1300px){
  .about p{
    font-size: 13px;
  }
}

```



```

}
@media only screen and (max-width: 1020px){
  #footer{
    flex-wrap: wrap;
  }
  .foott{
    width: 80%;
    text-align: center;
  }
  .about p{
    font-size: 11px;
  }
  #progg .trng{
    width:100%;
    display: flex;
    justify-content:center;
    flex-direction: column;

  }
  #progg .trng img{
    width:50%;
  }
  #progg .trng .text{
    width:80%;
    margin: 0px auto;
  }
}
@media only screen and (max-width: 981px){
  #bur{
    display: block;
  }
  #menuR{
    display: flex;
  }
  #menuR li a{
    text-decoration: none;
  }
  #menuDin{
    display: none;
  }
  #logo h1{
    font-size:25px;
    text-align: center;
  }
  .about p{
    font-size: 17px;
    padding-top: 30px;
  }
  .about img, .saus{
    width: 100%;
  }
}

```

```

}
@media only screen and (max-width: 820px){
  #footer{
    flex-wrap: wrap;
  }
  .foott{
    width: 80%;
    text-align: center;
  }
}
@media only screen and (max-width: 688px){
  #mot h1{
    font-size: 25px;
  }
  #mot a{
    font-size: 20px;
  }
  .about{
    padding: 0px;
  }
  .about p{
    font-size: 12px;
  }
}

```

3.3 JavaScript

main.js

```

var menupar=["Home","About us","Programs","Contact"];
var jump = ["#index.html","#about","#subtitle","#contact"]
for(let i=0;i<menupar.length;i++){
  document.querySelector("#menuDin").innerHTML+=`<li><a href="${jump[i]}"
id="${menupar[i]}">${menupar[i]}</a></li>`;
  document.querySelector("#menuR").innerHTML+=`<li><a href="${jump[i]}"
id="${menupar[i]}">${menupar[i]}</a></li>`;
}

var menuBur = $("#menuR li");
menuBur.hide();

```

```

var burger = $("#bur");
burger.click(function(){
    menuBur.slideToggle("slow");
});

var about=document.getElementById("about");
var hAbo=document.createElement("h1");
    about.appendChild(hAbo);
    hAbo.innerHTML="About us";

var textR=["Our success is reflected in the greatest modern exercise equipment and beautifuly arranged enterier that emphasizes productivity. </br></br> Our most professional coaches will make sure your workout is effective and efficient. </br></br> Individual trainings are adapted to the most diverse workouts and various fitness needs of exercisers.</br> For group trainings our tactic is based on forming smaller groups so the workout could be more effective for every member."]
var pics=["abous.png"];

for(let i=0;i<pics.length;i++){
    var abo=document.createElement("div");
        abo.setAttribute("class","about");
        about.appendChild(abo);
    var pic=document.createElement("img");
        abo.appendChild(pic);
    var txt=document.createElement("div");
        txt.setAttribute("class","saus");
        abo.appendChild(txt);
    var saus=document.createElement("p");
        saus.innerHTML=textR[i];
        txt.appendChild(saus);
        pic.setAttribute("src","img/"+pics[i]);
        pic.setAttribute("alt","About us");
    }

$(document).ready(function(){

    programi();
});

function programi(){
    let prog = document.getElementById('progg');
    let progImg = ["img/1.jpeg","img/2.jpeg","img/3.jpeg","img/4.jpeg","img/5.jpeg","img/6.jpeg"];
    let altImgProg = ["functional training","aerobics","boot camp","yoga","cardio box","zumba"];
    let progT = ["Functional drill","Aerobics","Boot camp","Yoga","Cardio box","Zumba"];
    let progI = ["Functional training - affects the increase of fitness and strength, acceleration of metabolism and burning of calories.The program is designed for exercisers of all ages. The trainer is there to teach you and take care of the regularity of your movement, and to adapt each exercise to your current physical shape",

```

"Aerobics is a dynamic and fun fitness program that will allow you to burn a large number of calories in 60 minutes without the feeling of exhaustion that occurs after many cardio programs",

"Modeled on the training of special units, the bootcamp will make your body and character stronger. The bootcamp took the best from the world of action, adjusted it for both sexes and all levels of physical fitness",

"Yoga is one of the most famous and widespread type of exercise in the world. Yoga is not just a physical exercise, but learning to establish a state of complete peace and relaxation",

"Cardio Box is a high-intensity training inspired by martial arts performed on sacks. A combination of punches from various martial arts, mostly from boxing and kickboxing, with the use of hand and foot technique on the sack that fit into simple choreographies adapted to practitioners, both beginners and those who have encountered similar programs",

"Zumba is an interesting way to exercise. Simply training where we primarily have fun, and with good fun we burn calories"]

```
let progImore = ["Functional fitness exercises train your muscles to work together and prepare them for daily tasks by simulating common movements you might do at home, at work or in sports. By training your muscles to work the way they do in everyday tasks, you prepare your body to perform well in a variety of common situations",
```

"Aerobics is a form of physical exercise that combines rhythmic aerobic exercise with stretching and strength training routines with the goal of improving all elements of fitness like flexibility, muscular strength, and cardiovascular fitness. It is performed to music and practiced in a group setting led by an instructor. With the goal of preventing illness and promoting physical fitness, practitioners perform various routines comprising a number of different dance-like exercises",

"Boot camp training often commences with dynamic stretching and running, followed by a wide variety of interval training, including lifting weights/objects, pulling rubber TRX straps, pushups/situps and various types of intense explosive routines. Sessions usually finish with yoga stretching. Many other exercises using weights and/or bodyweight, similar to CrossFit routines, are used to lose body fat, increase cardiovascular efficiency, increase strength, and help people get into a routine of regular exercise",

"Without a doubt, yoga is great for your body. It helps increase flexibility, strengthen and tones your muscles, improves circulatory health, and promotes deeper breathing patterns. Our program will give you an excellent overview of the principles of yoga, poses, breathwork, and mindfulness",

"Cardio boxing is a combination of the traditional training movements of a boxer—including sparring, shadow boxing, and blows delivered to a boxing bag—structured so as to be performed in sequences, similar to those of aerobics classes, that have a primarily aerobic training effect",

"Zumba classes are typically about an hour long and are taught by licensed instructors. In one Zumba class, a person can burn up to 600 kcal, depending on the energy put forth. The music comes from dance styles like salsa, mambo, tango"];

```
for(let i=0;i<progImg.length;i++){
  prog.innerHTML+=`
<article class="trng">
<figure class="img">

</figure>
<div class="text">
<h2>${progT[i]}</h2>
<p>${progI[i]}</p>
```

```

<p class="moreLess"> ${progImore[i]} </p>
<a href="#" class="btttn-read-more"> More / Less</a>
</div>
</article>`
}

let moreL = document.getElementsByClassName(".moreLess");
$(".moreLess").hide();
$(document).on("click", ".moLe", function(e){
e.preventDefault();
$(this).prev().slideToggle(500);
})
}
$(document).ready(function(){
    console.log($(".btttn-read-more"));
    $(".btttn-read-more").click(function(e){
        e.preventDefault();
        $(this).parent().find(".moreLess").slideToggle(600);
    })
});

var stackedCardSlide = new stackedCards({ selector: '.example' });

stackedCardSlide.init();
var stackedCardSlide = new stackedCards({
    layout: "fanOut"
});
var stackedCardSlide = new stackedCards({
    transformOrigin: "bottom"
});

var footer=document.getElementById("footer");
var okvir=document.createElement("div");
okvir.setAttribute("class", "hold");
footer.appendChild(okvir);
var footPar=["Contact", "Info", "Useful links"];
for(let i=0;i<footPar.length;i++){
    var footB=document.createElement("div");
    footB.setAttribute("class", "foott");
    okvir.appendChild(footB);
    var footT=document.createElement("h3");
    var footTxt=document.createElement("ul");
    footTxt.setAttribute("id", "ul"+[i]);
    footB.appendChild(footT);
    footB.appendChild(footTxt);
    footT.innerHTML=footPar[i];
}

var footLi=["Address: Cvijićeva 18, Beograd", "Phone: 063-479-84-69", "Mail: nevergiveup@gmail.com"];
for(let i=0;i<footLi.length;i++){
    var footF=document.getElementById("ul0");

```



```

var footFli=document.createElement("li");
footFli.innerHTML=footLi[i];
footF.appendChild(footFli);
}
var footI=["Working hours:", "Monday-Saturday 08h-22h", "Sunday 10h-20h "];
for(let i=0;i<footI.length;i++){
var footS=document.getElementById("ul1");
var footSli=document.createElement("li");
footSli.innerHTML=footI[i];
footS.appendChild(footSli);
}
var soc=["fab fa-facebook-square", "fab fa-instagram", "fab fa-twitter", "fab fa-youtube", "fab fa-redhat"];
var socL=["https://www.facebook.com/", "https://www.instagram.com/", "https://www.twitter.com/", "https://www.youtube.com/", "https://aleksastrugarevic.netlify.app"];
var footTh=document.getElementById("ul2");
for(let i=0;i<soc.length;i++){
var socLi=document.createElement("li");
footTh.appendChild(socLi);
var hrf=document.createElement("a");
hrf.setAttribute("href", socL[i]);
socLi.appendChild(hrf);
var ffi=document.createElement("i");
hrf.appendChild(ffi);
ffi.setAttribute("class", soc[i]);
}

var dokumentacija=document.createElement("a");
dokumentacija.innerHTML="Documentation";
dokumentacija.setAttribute("href", "#");
document.querySelector(".foott")[2].appendChild(dokumentacija);

var sitemap=document.createElement("a");
sitemap.innerHTML="Sitemap";
sitemap.setAttribute("href", "sitemap.xml");
document.querySelector(".foott")[2].appendChild(sitemap);

function proveraUneteVrednosti(element, regex, greska){

    if(regex.test(element.value)){
        element.style.border="3px solid green";
        element.style.color = "green";
        greska.style.display = "none";
        return true;
    }
    else{
        element.style.border = "3px solid red"
        element.style.color = "red";
        greska.style.display = "block";
        return false;
    }
}

```

```

var emailRegEx = /^[a-z]+([\._]{0,2}[a-z0-9]+)*@([a-z0-9]+\.)+[a-z]{2,3}$/;
email1.addEventListener("blur", function(){
    proveraUneteVrednosti(email1, emailRegEx, email1Greska);
});
var fullNameRegEx = /^[A-zČĆŠĐŽšđčćž]+(\s[A-zČĆŠĐŽšđčćž]+){1,3}$/;
name1.addEventListener("blur", function(){
    proveraUneteVrednosti(name1, fullNameRegEx, name1Greska);
});
var brojRegEx = /^[0-9]{3}(-?[0-9]{3,4}){2}$/;
phone.addEventListener("blur", function() {
    proveraUneteVrednosti(phone, brojRegEx, phoneGreska);
});
var porukaRegEx = /^[A-ZŠĐŽČĆ][A-zŠĐŽČĆšđžćčž,@/_\.\s!~?]+$/m;
message.addEventListener("blur", function(){
    proveraUneteVrednosti(message, porukaRegEx, messageGreska);
});
formularKontakt.onsubmit = function(e){
    e.preventDefault();
    var brojGresaka = 4;
    brojGresaka-= proveraUneteVrednosti(name1, fullNameRegEx, name1Greska );
    brojGresaka-= proveraUneteVrednosti(email1, emailRegEx, email1Greska);
    brojGresaka-= proveraUneteVrednosti(phone, brojRegEx, phoneGreska);
    brojGresaka-= proveraUneteVrednosti(message, porukaRegEx, messageGreska);
    if(brojGresaka == 0)
    {
        for(let element of [name1, email1, phone, message]){
            element.value = "";
        }
        forma2.classList.add("prikazi");
    }
    else{
        forma2.classList.remove("prikazi");
    }
}

```

3.4 JQuery plugin

stackedCards.css

```

.stacked-cards {

```

```

    position: relative;
    padding-bottom: 50px;
}
.stacked-cards ul {
    position: relative;
    max-width: 60%;
    margin: 0 auto;
    padding-left: 0;
}

.stacked-cards li {
    margin-top: 5px;
    cursor: pointer;
    border-radius: 8px;
    box-shadow: 0 3px 6px 0px #333;
    list-style: none;
    width: 45%;
    height: 200px;
    position: absolute;
    left: 50%;
    transition: 0.5s ease transform;
    background-color: rgba(0, 0, 0, 0.9);
}

.stacked-cards li p{
    font-size: 15px;
    font-weight: inherit;
    color: #ffffff;
    padding: 10%;
}

@media only screen and (max-width: 950px){
    .stacked-cards li {
        width: 65%;
    }

    .stacked-cards li p{
        font-size: 14px;
    }
}

@media only screen and (max-width: 650px){
    .stacked-cards li {
        width: 65%;
    }

    .stacked-cards li p{
        font-size: 12px;
    }
}

@media only screen and (max-width: 550px){
    .stacked-cards li {
        width: 55%;
    }

    .stacked-cards li p{
        font-size: 11px;
    }
}

```

```

}
.stacked-cards li:after {
  bottom: 0;
  content: "";
  left: 0;
  position: absolute;
  right: 0;
  top: 0;
}
.stacked-cards li.active:after {
  display: none;
}
.stacked-cards li img {
  position: relative;
  display: block;
  max-width: 100%;
  height: auto;
  z-index: 4;
}
.stacked-cards li.active {
  cursor: default;
  box-shadow: 0 5px 10px 0px #333;
  transition: 0.5s ease transform;
}

```

stackedCards.js

```

(function(){
  bind = function(fn, me){ return function(){ return fn.apply(me, arguments); }; }

  this.stackedCards = (function() {
    stackedCards.prototype.defaults = {
      layout: 'slide',
      onClick: undefined,
      transformOrigin: "center",
    };

    function stackedCards(options) {
      if (options == null) {
        options = {};
      }

      this.draw = bind(this.draw, this);
      this.config = this.extend(options, this.defaults);
    }
  })();
}

```

```

}

stackedCards.prototype.init = function () {
  this.element = window.document.documentElement;
  if ((ref = document.readyState) === "interactive" || ref === "complete") {
    this.draw();
  } else {
    document.addEventListener('DOMContentLoaded', this.draw);
  }
}

stackedCards.prototype.draw = function () {

  var me = this;

  var selector = this.config.selector;

  this.els = document.querySelectorAll(selector + " li");
  var els = this.els;

  this.parent = els[0].parentNode;

  // Sets height of cards adjusted to the height of the content of the tallest c
ard
  var getItemHeight = me.getHeight().max;
  els.forEach(item => item.style.height = parseInt(getItemHeight) + "px");

  // to get the active element's position, we will have to know if elements are
in even/odd count
  var lenAdjust = (els.length%2==0 ? -2 : -1)

  // oneHalf if the centerPoint - things go left and right from here
  var oneHalf = (els.length+lenAdjust)/2;

  var activeTransform = "translate("+ -50 + "%, 0%) scale(1)";

  this.detectSwipe();

  Array.prototype.forEach.call(els, function(el) {

    el.style.transformOrigin = me.config.transformOrigin;

    el.addEventListener("click", function() {

      var clickedEl = el;
      var nextCnt = 0;
      var prevCnt = 0;

      do {
        // While there is a next sibling, loop
        var next = clickedEl.nextElementSibling;

```



```

        nextCnt = nextCnt + 1;

        } while(clickedEl = clickedEl.nextElementSibling);

        // re-initialize the clickedEl to do the same for prev elements
        clickedEl = el;

        do {
            // While there is a prev sibling, loop
            var prev = clickedEl.previousElementSibling;
            prevCnt = prevCnt + 1;
        } while(clickedEl = clickedEl.previousElementSibling);

        me.reCalculateTransformsOnClick(nextCnt - 1, prevCnt - 1)

        me.loopNodeList(els, function(el) {
            el.classList.remove("active");
        })

        el.classList.add("active");
        el.classList.add(me.config.layout)

        el.style.zIndex = els.length*5;
        el.style.transform = activeTransform;

        if (me.config.onClick !== undefined) {
            me.config.onClick(el);
        }

    });
});

els[oneHalf].click();

}

stackedCards.prototype.getHeight = function() {

    var es = this.nodelistToArray(this.els);

    var elHeights = els.map(item => item.scrollHeight).sort((a, b)=>b-a);
    var maxHeight = elHeights[0];

    return { heights: elHeights, max: maxHeight };
}

stackedCards.prototype.reCalculateTransformsOnClick = function(nextCnt, prevCnt) {
    var me = this;
    var maxHeight = me.getHeight().max;

```

```

    var vertOffsets = me.getHeight().heights.map(item=> Math.round((( 1 - ( item /
maxHeight )) * -100) ));

    var z = 10;

    var els = this.nodelistToArray(this.els);

    els[0].parentNode.style.height = parseInt(me.getHeight().max) + "px";

    var scale = 1, translateX = 0, rotateVal=0, rotate="";
    var rotateNegStart = 0// ((75 / els.length) * (oneHalf))*-1;

    var transformArr = [];
    var zIndexArr = [];
    var relArr = [];

    var layout = this.config.layout;

    var maxCntDivisor = Math.max(prevCnt, nextCnt);
    var prevDivisor = 100 / (maxCntDivisor);
    var nextDivisor = 100 / (maxCntDivisor);

    if(prevCnt>nextCnt) {
        scale = 0 + (100 / (prevCnt+1))/100;
    }
    else {
        scale = 1 - ((prevCnt) *(1/(nextCnt+1)));
    }

    var rotatePrevStart = ((prevCnt*10 / (prevCnt) * prevCnt))*-1;
    var rotateNextStart = ((nextCnt*10 / (nextCnt)));

    for(var i=0; i<prevCnt; i++) {
        switch(layout) {
            case "slide":
                if(i>0) {
                    scale = scale + (100 / (maxCntDivisor+1))/100;
                }

                translateX = (-50 - ((prevDivisor)*(prevCnt-i)));
                translateY = vertOffsets[i] / 2;

                rotate = "rotate(0deg)";
                break;
            case "fanOut":
                rotateVal = rotatePrevStart;

                if(i>0) {
                    scale = scale + (100 / (maxCntDivisor+1))/100;
                }
                translateX = (-50 - ((prevDivisor)*(prevCnt-i)));
                rotate = "rotate("+rotateVal+"deg)";

```

```

        rotatePrevStart = rotatePrevStart + ((prevCnt*10) / prevCnt);

        break;
    default:
        translateX = (150 - ((prevDivisor*2)*i)) * -1;
        rotate = "rotate(0deg)";

    }

    var styleStr = "translate("+ translateX + "%, 0%) scale("+scale+") " + rotate;

    z = z + 1;

    els[i].style.transform = styleStr;
    els[i].style.zIndex = z;

}
z = z - 1;

var j = 0;

rotateNegStart = 0;
scale = 1;
for(var i=prevCnt+1; i<nextCnt+prevCnt+1; i++) {
    j = j + 1;
    switch(layout) {
        case "slide":
            scale = scale - (100 / (maxCntDivisor+1))/100;
            translateX = (50 - ((nextDivisor)*(j))) * -1;
            translateY = vertOffsets[i] / 2;

            rotate = "rotate(0deg)";
            break;
        case "fanOut":
            rotateVal = rotateNextStart;

            scale = scale - (100 / (maxCntDivisor+1))/100;
            translateX = (50 - ((nextDivisor)*(j))) * -1;
            rotate = "rotate("+rotateVal+"deg)";

            rotateNextStart = rotateNextStart + ((nextCnt*10) / nextCnt);
            break;
        default:
            translateX = (50 - ((prevDivisor*2)*i)) * -1;
            rotate = "rotate(0deg)";

    }

    z = z - 1;
}

```

```

        var styleStr = "translate("+ translateX + "%, 0%) scale("+scale+") " + rotate;

        els[i].style.transform = styleStr;
        els[i].style.zIndex = z;
    }

}

stackedCards.prototype.detectSwipe = function() {
    var me = this;
    var regionEl = document.querySelector(me.config.selector);

    me.detectSwipeDir(regionEl, function(swipedir){
        var activeEl = document.querySelector(me.config.selector + " li.active");
        if (swipedir == 'left') {
            activeEl.nextElementSibling.click();
        }
        else if(swipedir=="right") {
            activeEl.previousElementSibling.click();
        }
    })
}

stackedCards.prototype.extend = function(custom, defaults) {
    var key, value;
    for (key in defaults) {
        value = defaults[key];
        if (custom[key] == null) {
            custom[key] = value;
        }
    }
    return custom;
}

stackedCards.prototype.nodelistToArray = function(nodelist) {
    var results = [];
    var i, element;
    for(i=0; i < nodelist.length; i++) {
        element = nodelist[i];
        results.push(element);
    }
    return results;
}

stackedCards.prototype.loopNodeList = function(els, callback, scope) {
    for (var i = 0; i < els.length; i++) {
        callback.call(scope, els[i])
    }
}

```

```

}

stackedCards.prototype.scrolledIn = function(el, offset) {
    if(typeof el == 'undefined') return;

    var elemTop = el.getBoundingClientRect().top;
    var elemBottom = el.getBoundingClientRect().bottom;

    var scrolledInEl = (elemTop >= 0) && (elemTop <= window.innerHeight);
    return scrolledInEl;
}

stackedCards.prototype.detectSwipeDir = function(el, callback) {

    var touchsurface = el,
        swipedir,
        startX,
        startY,
        distX,
        distY,
        threshold = 75, //required min distance traveled to be considered swipe
        restraint = 100, // maximum distance allowed at the same time in perpendicular
direction
        allowedTime = 300, // maximum time allowed to travel that distance
        elapsedTime,
        startTime,
        handleswipe = callback || function(swipedir){}

    touchsurface.addEventListener('touchstart', function(e){
        var touchobj = e.changedTouches[0]
        swipedir = 'none'
        dist = 0
        startX = touchobj.pageX
        startY = touchobj.pageY
        startTime = new Date().getTime() // record time when finger first makes co
ntact with surface
        e.preventDefault()
    }, false)

    touchsurface.addEventListener('touchmove', function(e){
    }, false)

    touchsurface.addEventListener('touchend', function(e){
        var touchobj = e.changedTouches[0]
        distX = touchobj.pageX - startX // get horizontal dist traveled by finger
while in contact with surface
        distY = touchobj.pageY - startY // get vertical dist traveled by finger wh
ile in contact with surface
        elapsedTime = new Date().getTime() - startTime // get time elapsed
        if (elapsedTime <= allowedTime){ // first condition for a swipe met

```

```

        if (Math.abs(distX) >= threshold && Math.abs(distY) <= restraint){ //
2nd condition for horizontal swipe met
            swipedir = (distX < 0)? 'left' : 'right' // if dist traveled is ne
gative, it indicates left swipe
        }
        else if (Math.abs(distY) >= threshold && Math.abs(distX) <= restraint)
{ // 2nd condition for vertical swipe met
            swipedir = (distY < 0)? 'up' : 'down' // if dist traveled is negat
ive, it indicates up swipe
        }
    }
    handleswipe(swipedir)
    e.preventDefault()
}, false)

}

return stackedCards;

})();
}).call(this);

```