

Visoka škola strukovnih studija za informacije i  
komunikacione tehnologije

# Travel

<https://pavlez.github.io/travel/>

Smer: Internet tehnologije

Predmet: Web programiranje 1

Student: Pavle Živanović, 61/18

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## 1. UVOD

### 1.1. Korišćene tehnologije

- HTML 5
- CSS 3
- JavaScript
- jQuery

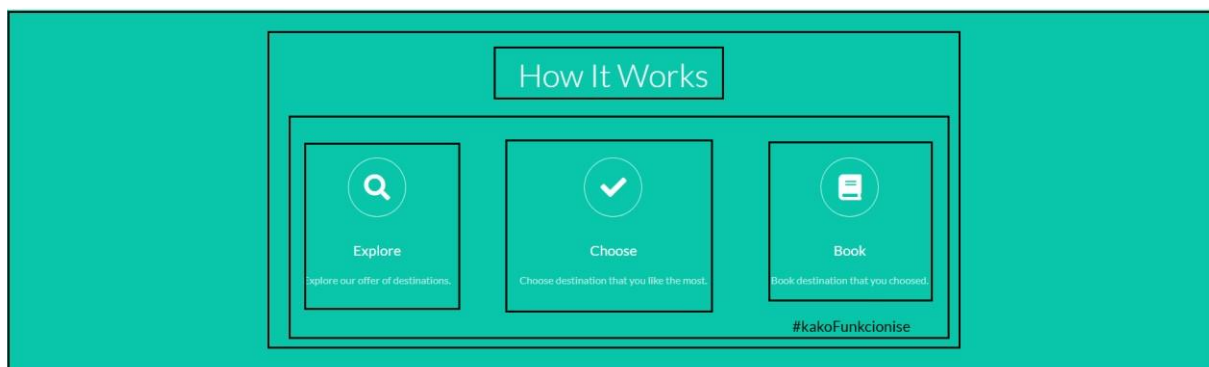
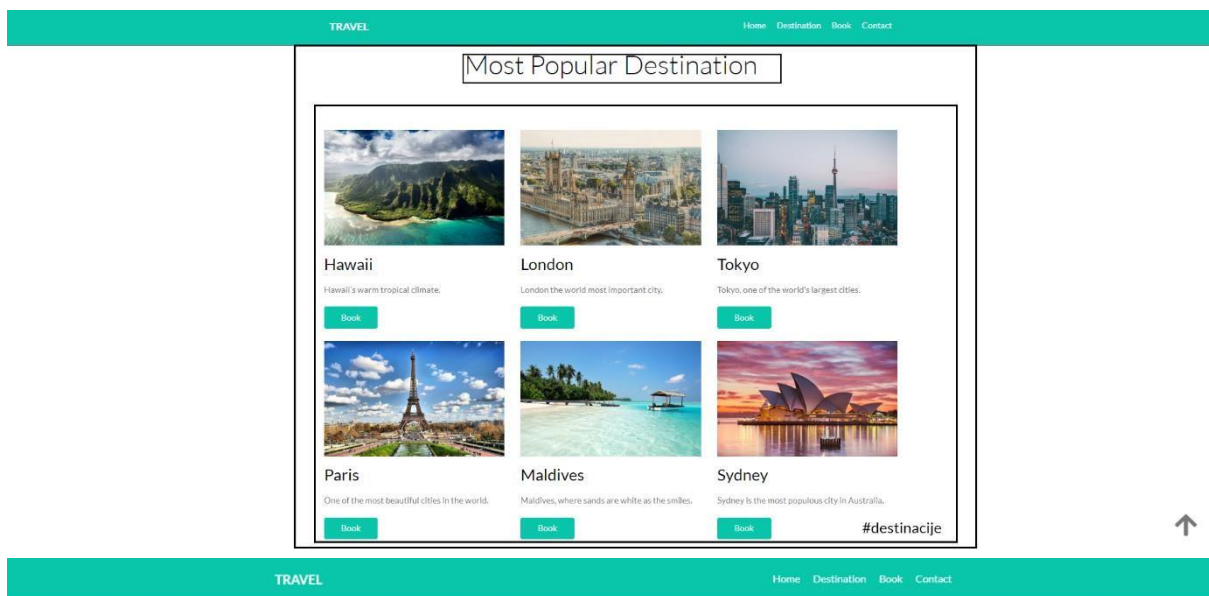
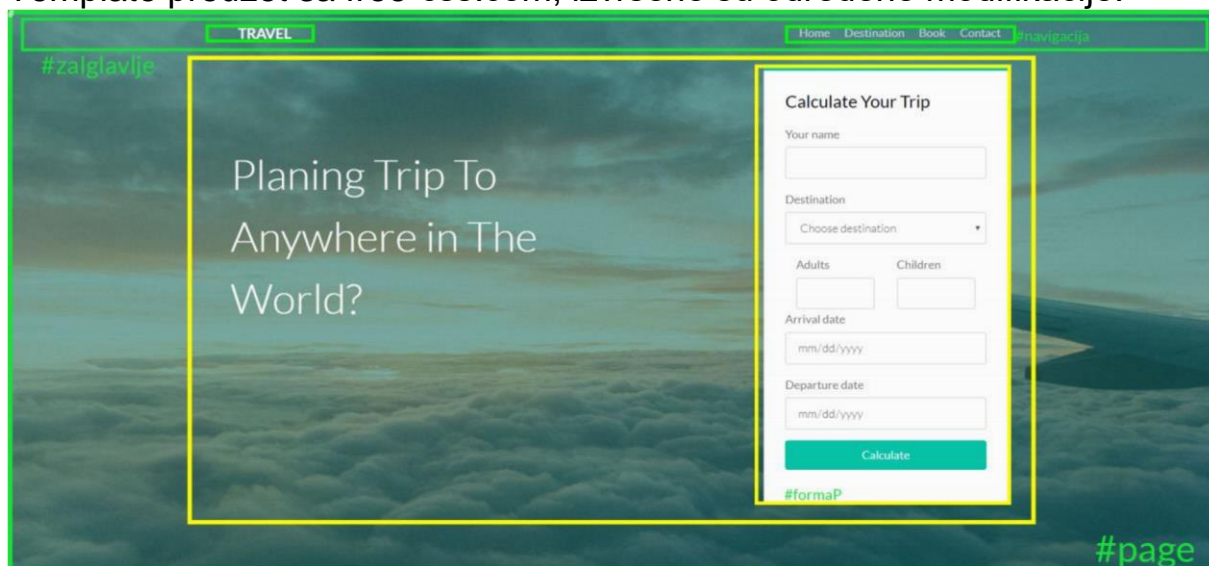
- kod pisan u VS code-u

## 1.2. Opis funkcionalnosti sajta

- Nakon vertikalnog skrolovanja celo zaglavlje (logo + meni) se spušta menja pozadinsku boju i fiksira se uz gornju ivicu.
- Omogućen hamburger meni koji se pojavljuje nakon smanjenja širine browser-a, klikom na tu ikonicu ostvareno je naizmenično prikazivanje sakrivanje menija.
- Dinamički kreirana forma za izračunavanje cene putovanja na osnovu određenih parametara, forma koristi regularne izraze za proveru.
- Dinamički kreirane destinacija, klikom na taster “book” direktno se “skače” na formu koja služi za bukiranje putovanja pritom za destinaciju se automatski podešava destinacija na koju ste kliknuli book.
- Dinamički kreirana forma za bukiranje putovanja, koja koristi regularne izraze za proveru ispravnosti podataka i uvedena je funkcija koja  
  
dinamički, slučajnim izborom kreira string koji služi kako dodatna provera
- Dinamička kreirana kontakt forma koja za proveru ispravnosti podataka koristi regularne izraze.
- Dinamički kreirana strelica koja se pojavljuje pri skrolovanju i omogućava vraćanje na vrh.

### 1.3. Template

Template preuzet sa free-css.com, izvršene su određene modifikacije.



TRAVEL
Home Destination Book Contact

Book your Trip

First name

Last name

Email

Destination

Choose destination

Arrival date

Departure date

Captcha

Uv8Wm6

Verification

#bukirajPutovanje

#bukPozadina

TRAVEL
Home Destination Book Contact

Contact

Get in touch

Your name

Email

Message

#kontaktForma

Contact informations

California, USA

+2 392 3929210

info@travel.com

#kInformacije

TRAVEL
Home Destination Book Contact

Send

Author

Pavle Zivanovic

Hopefully back-end developer

#idiGore

Sitemap

Documentation

## 2. Organizacija

## 2.1. Organizaciona šema

Single page sajt.

## 2.2. Mapa sajta

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
```

```
<url> <loc>
```

```
https://pavlez.github.io/travel/index.ht
```

```
ml
```

```
</loc>
```

```
<lastmod>2019-12-7</lastmod>
```

```
<changefreq>weekly</changefreq>
```

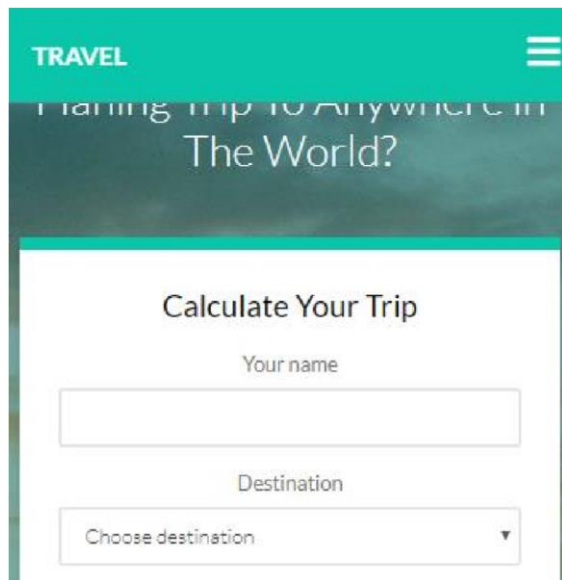
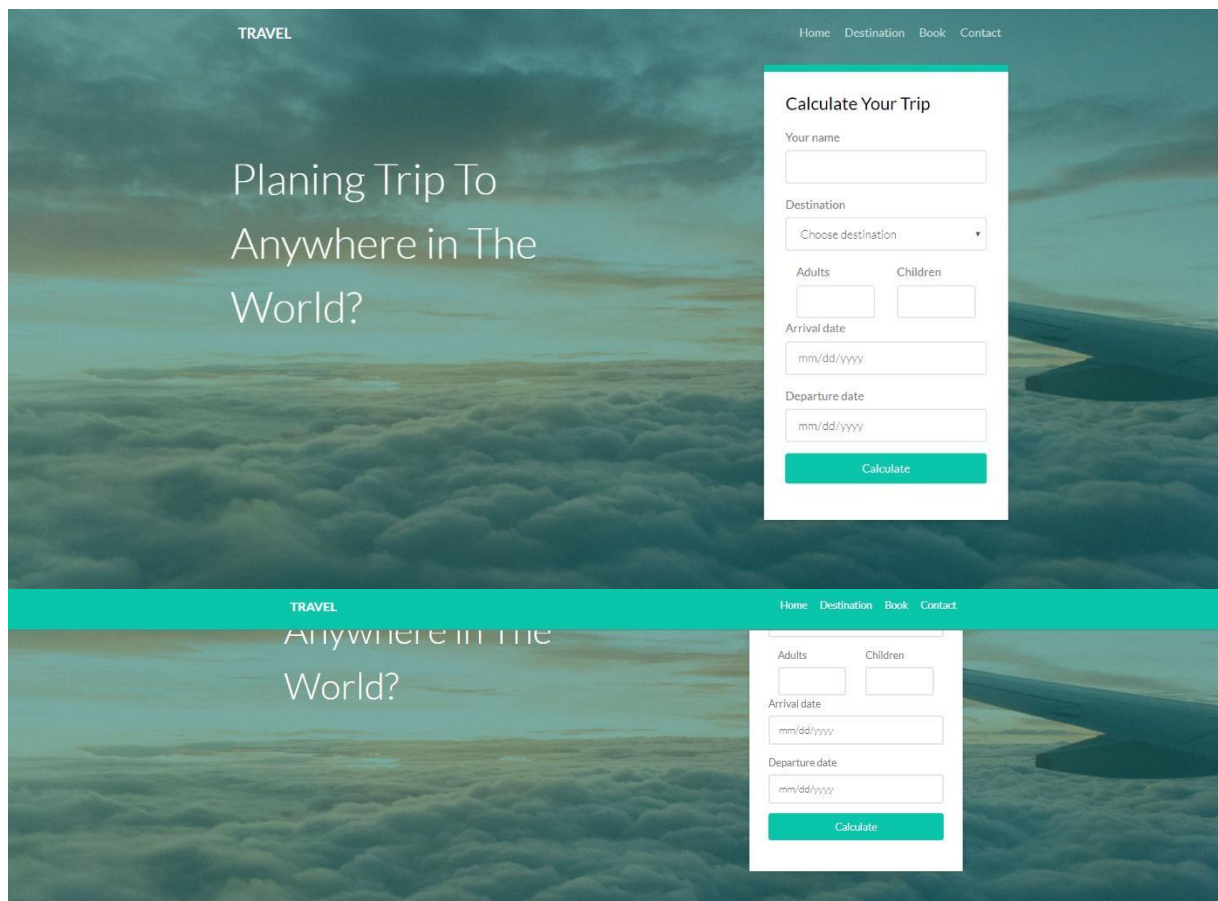
```
<priority>1</priority>
```

```
</url>
```

```
</urlset>
```

## 2.3. Opis stranica sajta

Skrolovanjem celo zaglavlje se fiksira i poprima pozadinsku boju. Smanjenjem širine browser-a Pojavljuje se hamburger ikonica, klikom na nju prikazuje se odnosno sakriva navigacija. Forma za proračun cene putovanja je generisana iz JavaScript-a, klikom na dugme Calculate proveravaju se podaci koji su uneseni, proverava se vrši regularnim izrazima., ako su podaci u dobrom formatu prikazaće se cena u dolarima.





## Calculate Your Trip

Your name

Destination

## Calculate Your Trip

Your name

Destination

Adults

Children

Arrival date

Departure date

Calculate

Total cost of the trip:750\$



### Calculate Your Trip

Your name

Required field!

Destination

You need to choose some destination!

Adults

Required!

Children

Required!

Arrival date

Required field

Departure date

Required field


[Calculate](#)

Destinacije se automatski generišu iz javascript-a, klikom na link book automatski se slajduje do forme preko koje se bukira putovanje i u dropdown listu se upisuje odnosno automatski selektuje vrednost ne destinacije na koju ste kliknuli book.

TRAVEL

Home Destination Book Contact


### Most Popular Destination



**Hawaii**

Hawaii's warm tropical climate.


[Book](#)



**London**

London the world most important city.


[Book](#)



**Tokyo**

Tokyo, one of the world's largest cities.


[Book](#)



**Paris**

One of the most beautiful cities in the world.


[Book](#)



**Maldives**

Maldives, where sands are white as the smiles.

[Book](#)



**Sydney**

Sydney is the most populous city in Australia.

[Book](#)

↑

## Most Popular Destination



### Hawaii

Hawaii's warm tropical climate.

Book



### London

London the world most important city.

Book



### Tokyo

Tokyo, one of the world's largest cities.

Book



### Paris

One of the most beautiful cities in the world.

Book



### Maldives

Maldives, where sands are white as the smiles.

Book



### Sydney

Sydney is the most populous city in Australia.

Book

## Book your Trip

First name	Last name	Email
<input type="text"/>	<input type="text"/>	<input type="text"/>
Destination	Arrival date	Departure date
<input type="text" value="Sydney"/>	<input type="text" value="mm/dd/yyyy"/>	<input type="text" value="mm/dd/yyyy"/>
Captcha	Verification	
<input type="text" value="Bp6Ph5"/>	<input type="text"/>	
<input type="button" value="Book"/>		

Forma bukiraj putovanje proverava unos podataka koristeći regularne izraze, takođe za dodatnu proveru koristi se captcha koja se automatski generiše na svaki refresh u browser. Ako su uneti podaci u ispravnom format preikazuje se poruka o uspešnosti bukiranja

## Book your Trip

First name	Last name	Email
<input type="text" value="Pavle"/>	<input type="text" value="Zivanovic"/>	<input type="text" value="pavle.zivanovic@gmail.com"/>
Destination	Arrival date	Departure date
<input type="text" value="Sydney"/>	<input type="text" value="12/18/2019"/>	<input type="text" value="12/25/2019"/>
Captcha	Verification	
<input type="text" value="Bp6Ph5"/>	<input type="text" value="Bp6Ph5"/>	
<input type="button" value="Book"/>		
You have successfully booked your trip!		

Kontakt forma proverava podatke o imenu I email adresi koristeći regularne izraze.

TRAVEL

Home Destination Book Contact

### Contact


Get in touch


Your name


Email

Message

Contact informations

 California, USA

 +2 392 3929210

 info@travel.com

### 3. Kodovi

#### 3.1. HTML index.html

```
<!DOCTYPE HTML>

<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Travel</title>
    <link rel="shortcut icon" href="images/fav.ico" >
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta name="keywords" content="Travel,Trip,Destination,Book">
    <meta name="description" content="Travel is travel agency that provides most popular destinations over the globe. Our platform have a system that will calculate how your trip will cost.">

    <!-- Facebook and Twitter integration -->
```

```
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700" rel="stylesheet">

<!-- Themify Icons-->
<!-- Bootstrap --> <link rel="stylesheet" href="css/bootstrap.css">

<!-- Theme style -->
<link rel="stylesheet" href="css/style.min.css">
<link rel="stylesheet" href="css/moj.min.css">
<!-- fafa icons-->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/5.11.2/css/all.css" integrity="sha256-46qynGAKLSFpVbEBog43gvNhfrOj+BmwXdxFgVK/Kvc=" crossorigin="anonymous" />

</head>
<body>

<div id="page">

<!-- <div class="page-inner"> -->
<nav class="gtco-nav" role="navigation" id="zaglavlje">
  <div class="gtco-container">

    <div class="row" >
      <div class="col-sm-4 col-xs-4">
        <div id="gtco-logo"><a href="index.html">Travel </a></div>
      <div class="col-xs-8 text-right menu-1" id="navigacija">
        <a href="#" class="hamb"><i class="fas fa-bars hamburger"></i></a>
      </div>
    </div>
  </div>
```

```
</div>
```

```
</nav>
```

```
<header id="gtco-header" class="gtco-cover gtco-cover-md " role="banner" >
```

```
<div class="overlay pozadina"></div>
```

```
<div class="gtco-container">
```

```
<div class="row">
```

```
<div class="col-md-12 col-md-offset-0 text-left">
```

```
<a name="home"></a>
```

```
<div class="row row-mt-15em marginaG">
```

```
<div class="col-md-7 mt-text animate-box" dataanimate-effect="fadeInUp">
```

```
<h1 class="marginT">Planing Trip To Anywhere in Th e World?</h1>
```

```
</div>
```

```
<div class="col-md-4 col-md-push-1 animate-box" dataanimate-effect="fadeInRight">
```

```
<div class="form-wrap">
```

```
<div class="tab">
```

```
<div class="tab-content">
```

```
<div class="tab-contentinner active" id="formaP">
```

```
<h3>Calculate Your Trip</h3>
```

```
<!--FORMA IZ JS-a-->
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</header>
```

```

<div class="gtco-section">
  <div class="gtco-container">
    <div class="row">
      <div class="col-md-8 col-md-offset-2 text-center gtcoheading">
        <h2>Most Popular Destination</h2>

      </div>
    </div>
    <div class="row" id="destinacije">

```

```

      </div>
    </div>
  </div>

  <div id="gtco-features">
    <div class="gtco-container">
      <div class="row">
        <div class="col-md-8 col-md-offset-2 text-center gtcoheading animate-box">
          <h2>How It Works</h2>

        </div>
      </div>
      <div class="row" id="kakoFunkcionise"> <!--Morace iz jsa-->

      </div>
    </div>
  </div>
</div>

```

```

<div class="gtco-cover gtco-cover-sm gtco-section bukPozadina">
  <div class="gtco-container relativan">
    <div class="row">

```

```

        <div class="col-md-8 col-md-offset-2 text-center gtcoheading animate-box
bytMargina bmg">
        <h2 class="crniTekst">Book your Trip</h2>

    </div>
</div>
<div class="row" id="bukirajPutovanje"></div>
<div class="row">

    <div class="col-md-8 col-md-offset-2 textcenter "id="uspesno">
        <h3></h3>

    </div>
</div>

</div>
</div>

```

```

<div id="gtco-subscribe">
    <div class="gtco-container">
        <div class="row animate-box">
            <div class="col-md-8 col-md-offset-2 text-center gtcoheading">
                <h2>Contact</h2>

            </div>
        </div>
        <div class="row animate-box p-5">
            <div class="col-md-7 col-sm-12" id="kontaktForma">
                <h3 class="beliTekst">Get in touch</h3>
            </div>
            <div class="col-md-5 col-sm-12 mt" id="klnformacije">
                <h3 class="beliTekst text-center my-
1">Contact informations</h3>

```



```

        </div>

    </div>
</div>
</div>

<div id="gtco-features">
    <div class="gtco-container">
        <div class="row">
            <div class="col-md-8 col-md-offset-2 text-center gtcoheading animate-box
manjadm">
                <h2>Author</h2>

            </div>
        </div>
        <div class="row">

            <div class="col-md-12 text-center">
                
                <h2 class="vecagm">Pavle Zivanovic</h2>
                <p class="crniTekst">Hopefully backend developer</p>
            </div>

        </div>
    </div>
</div>
</div>
</div>
<footer id="gtco-footer" role="contentinfo">

```

```

    <div class="row">
        <div class="col-md-12 col-sm-12 text-center">
            <p>
                <ul class="gtco-social-icons">

                    <li><a href="sitemap.xml" target="_blank">Sit emap</a></li>
                    <li><a href="#">Documentation</a></li>

```

```

        </ul>
    </p>
</div>

</div>

</footer>

<div id="idiGore">
    <a href="#"><i class="fas fa-arrow-up strelica"></i></a>
</div>
</div>

<script src="js/jquery.min.js"></script>
<script src="js/main.min.js" type="text/javascript"></script>
</body>
</html>

```

## 3.2. CSS

moj.css

```
*{ box-sizing: border-box !important;
}
```

```
.destinacija figure{ position:
relative;
```

```
}
```

```
.pozadina{ background-image: url('../images/proba2.jpg') !important;
background-repeat: no-repeat !important; background-size: cover
!important; background-position: center center !important;
```

```
}
```

```
#gtco-features, #gtco-features-2, #gtco-products, #gtco-services, #gtcosubscribe, #gtco-
footer, .gtco-section{ padding:4em 0em !important;
}
```

```
.beliTekst{ color:#fff !important;
}
```

```
#bukirajPutovanje{ height:
100%;
}
```

```
.bytMargina{
margin-bottom: 3em;
} .krem{ background:
#09C6AB;
}
```

```
.relativan{
position:relative;
}
```

```
.autorSlika{ width:30%;
border-radius:50%; text-
align: center;
}
```

```
.manjadm{ margin-bottom:0px;
```

```
} .vecagm{ margin-  
top:1em;
```

```
}  
.centrirajPoHorizontali{  
margin:0px auto; }  
.bukForma,.kontF{
```

```
    color:#000;    border:2px solid
#000;
}
.bukFormaLabela{    color:#000;
} .mt{    margin-top:0.3em;
}
.marginT{
    margin-top:3em;
}
.bukPozadina{    background:#fff
!important;
}
#meni ul{display: block;}
.kontF:focus{    background:
#fff!important;
color:#0098EF!important;
}
#btnKontakt,.labK{
    color:#fff !important;
}
#btnKontakt:focus{
    color:#0098EF !important;
}
.crn iTekst{    color:#000;
} textarea {    resize:
none;
}
#kInformacije ul{    list-style: none;
}
#kInformacije li{
    padding:0.6em;
text-align: center;
}
#kInformacije li a{    color:#fff;
```

```
}  
#kInformacije li a .falkonica{ font-size:  
1.6em; margin-right:1.1em ;  
}
```

```
#gtco-footer{ padding:0  
!important; margin: 0  
!important;  
}  
.spustanjeMenija{ position:fixed;  
top:0; left:0; background-  
color:#09C6AB; width:'100%';  
border-bottom:1px solid #777;  
transition:1s;  
}.mp{ padding:0.3em 0em  
!important;  
}.marginaG{  
margin-top:5em ;  
}  
.strelica{ position:  
fixed; bottom:5%;  
right: 2%; z-index: 999;  
font-size:3em;  
  
border-radius:50% ; color:  
#777;  
}.vidiSe{ display:block!important;  
}  
.neVidiSe{  
display:none!important;  
}  
.hamburger{ color:#fff;  
font-size:1.8em;  
display:none !important;  
}.hamb{ padding: 0px !important;
```

```
} .bmg{ margin-top:0;
```

```
margin-bottom:0;
```

```
}
```

```
#captcha{ position:  
relative;
```

```
}
```

```
#captcha::after{ content:  
'dsffsdf'; position: absolute;  
display: block; top: 0;  
left: 0;  
width:20%; height: inherit; border-  
left:20px solid #0098EF;
```

```
}
```

```
@media screen and (min-width: 800px){ .gtco-nav  
.menu-1, .gtco-nav .menu-2 { display: inline;  
}
```

```
}
```

```
@media screen and (max-width: 768px){  
.gtco-cover.gtco-cover-sm { height:  
auto;
```

```
}
```

```
}
```

```
@media screen and (max-width: 991px){  
.gtco-cover.gtco-cover-sm { height: auto;  
}
```

```
}
```

```
@media screen and (max-width: 768px){ .gtco-nav  
.menu-1, .gtco-nav .menu-2 { display: block;  
}
```

```
.marginaG{ margin-top:8em!important;
```

```
}
```

```
.autorSlika{ width:50%; }
```

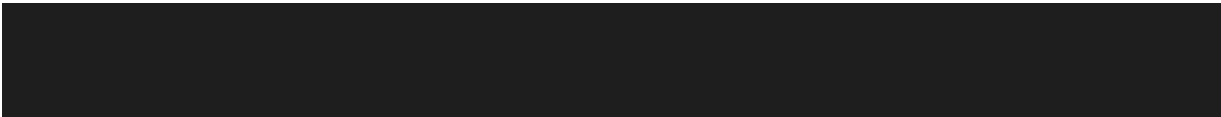
```
}  
@media screen and (min-width: 551px){  
    #meni ul{  
display:block!important;  
}
```

```
}  
@media screen and (max-width: 550px){  
    #meni ul li{    display:  
block;    margin-top: 5px;  
    }  
    #meni ul{  
        display:none;  
    }  
    .hamburger{    display:inline!important;  
    }  
}
```



### 3.3. JavaScript

```
var selektovanaDest=""; $(document).ready(function(){
$(window).scroll(function(){    if($(this).scrollTop()>50){
    $("#zaglavlje").addClass('spustanjeMenija');
    $("#meni ul li a").addClass('beliTekst');
    }    else{
    $("#zaglavlje").removeClass('spustanjeMenija');
    $("#meni ul li a").removeClass('beliTekst');
    }    if($(this).scrollTop() > 700){
    $(".strelica").removeClass("neVidiSe");
    $(".strelica").addClass("vidiSe");
    }    else{
```



```
$(".strelica").removeClass("vidiSe");
```



```

        $(".strelica").addClass("neVidiSe");

    }
});

$(".hamb").on('click',function(e){
    e.preventDefault();
    e.stopPropagation();    $('#meni
ul').slideToggle();
});
$(document).on("click", "#home",function(e) {
    e.preventDefault();    $('html,body').animate({
scrollTop: $("#page").offset().top
    }, 2000);
});
$(document).on("click", "#destination",function(e) {
    e.preventDefault();    $('html,body').animate({        scrollTop:
$("#destinacije").offset().top-250
    }, 2000);
});
$(document).on("click", "#book",function(e) {
    e.preventDefault();    $('html,body').animate({        scrollTop:
$("#bukirajPutovanje").offset().top-200
    }, 2000);
});
$(document).on("click", "#contact",function(e) {
    e.preventDefault();    $('html,body').animate({        scrollTop:
$("#kontaktForma").offset().top-200
    }, 2000);
});
$(document).on("click", "#idiGore",function(e) {
    e.preventDefault();    $('html,body').animate({
        scrollTop: $("#page").offset().top
    }, 2000);
});

$(document).on("click", ".bukItem",function(e) {
    e.preventDefault();    selektovanaDest=

```

```
$(this).attr("name");    $('html,body').animate({  
    scrollTop: $("#bukirajPutovanje").offset().top-200
```

```

    }, 2000);    podesiDestinaciju();

});

$(document).on("scroll", ".bukItem", function(e) {
    e.preventDefault();

    $('html, body').animate({        scrollTop:
$("#bukirajPutovanje").offset().top-200
    }, 2000);

});

});

window.onload=function(){    napraviMeni();
najDestinacije();
napraviFormuProracunPutovanja();
napraviKakoFunkcionise();
napraviFormuBukirajPutovanje();
napraviKontaktFormu();
napraviPZaKontaktInformacije();
    document.getElementById("calcualteBtn").addEventListener("click",proveraPr oracunForme);
    document.getElementById("bookBtn").addEventListener("click",proveraBukForme
);
    document.getElementById("btnKontakt").addEventListener("click",proveraKonta        ktForme)
generisiCaptachu();

}

function napraviMeni(){    var

```

```
nizStavkiMenija=['Home','Destination','Book','Contact'];
var nav=document.createElement('nav');    nav.setAttribute('id','meni');
```

```
document.querySelector("#navigacija").appendChild(nav);    var
ispis=<ul>;    for(let i=0;i<nizStavkiMenija.length;i++){
    ispis+=`<li><a href="#" id="${nizStavkiMenija[i].toLowerCase()}">${niz
StavkiMenija[i]}</a></li>`
    }    ispis+=`</ul>`;
nav.innerHTML=ispis;
} function najDestinacije(){    var mpd=document.querySelector("#destinacije");    var
nizSlika=['hawaii','london','tokyo','paris','maldives','sydney'];    var nizTekstalspodSlike=["Hawaii's
warm tropical climate.", "London the world most important city.", "Tokyo, one of the world's
largest cities.", "One of the most beautiful cities in the world.", "Maldives, where sands are white
as the smiles.", "Sydney is the most populous city in Australia."]    var ispis="";    for(let
i=0;i<nizSlika.length;i++){        ispis+=`
    <div class="col-lg-4 col-md-4 col-sm-6 destinacija">
        <figure class="rel">
            <div class="">
                
            </div>
        </figure>
        <div class="fh5co-text">
            <h2>${nizSlika[i].charAt(0).toUpperCase()}${nizSlika[i].substr(1)}</h2>
            <p>${nizTekstalspodSlike[i]}</p>            <p><a
href="#" class="btn btnprimary bukltem" name="${nizSlika[i]}">Book</a></p>
        </div>

    </div>`;
    }
    mpd.innerHTML=ispis;
} var destinations=['Choose destination','Hawaii','London','Tokyo','Paris','Mald
ives','Sydney'];
```

```

function napraviFormuProracunPutovanja(){
    var forma=document.createElement("form");
    forma.setAttribute("method","GET");    forma.setAttribute("id","formaRacunaj");
    var parent=document.querySelector("#formaP");
parent.appendChild(forma);

    var inputi=['text','dest','textA','textC','date','date','button'];    var textZaLabelu=['Your
name','Destination','Adults','Children','Arrival date','Departure date',''];    var
id=['fullNameTB','destinationDDL','numbAdults','numbChildren','dateA',
'dateD','calculateBtn'];    var ispis="";
for(var i=0;i<inputi.length;i++)
    {        if(inputi[i]=="button"){
ispis+=napraviDugmeZaRacunanje();
        }        else if(inputi[i]=="dest"){
ispis+=`
        <div class="row form-group">
        <div class="col-md-12">
            <label for="${id[i]}">${textZaLabelu[i]}</label>
            <select id="${id[i]}" class="form-control">
                ${napraviOpcijeZaDDL()}
            </select>
            <span id="${id[i]}Greske"></span>
        </div>
        </div>`;
        }
        else if(inputi[i]=="textA" || inputi[i]=="textC"){            ispis+=`
            <div class="form-group">
                <div class="col-md-6 col-sm-12">
                    <label for="${id[i]}">${textZaLabelu[i]}</label>                                <input
type="${inputi[i]}" id="${id[i]}" class="formcontrol"/>
                    <span id="${id[i]}Greske"></span>
                </div>
            </div>`;
        }        else{
ispis+=`
        <div class="row form-group">
        <div class="col-md-12">
            <label for="${id[i]}">${textZaLabelu[i]}</label>
            <input type="${inputi[i]}" id="${id[i]}" class="formcontrol"/>
            <span id="${id[i]}Greske"></span>
        </div>

```

```

        </div>`;
    }

    }

    ispis+=`
        <div class="form-group">
            <div class="col-md-12">
                <span id="cenaPutovanja"></span>
            </div>
        </div>`;

    forma.innerHTML=ispis;    function napraviOpcijeZaDDL(){        var rez="";        for(let
i=0;i<destinations.length;i++){            rez+=`<option value="${destinations[i]}">${destinations[i]}<
/optio n>`        }        return rez;
    }    function napraviDugmeZaRacunanje(){
var rez=`
    <div class="row form-group">
    <div class="col-md-12">
    <input type="${inputi[i]}" id="${id[i]}" class="btn btn-primary btnblock" value="Calculate">
    </div>    </div>`
    return rez;
    }

} function napraviKakoFunkcionise(){    var fafalkonice=['fas fa-search','fas fa-
check','fas fa-book'];

    var veciTekst=['Explore','Choose','Book'];
    var pasusi=['Explore our offer of destinations.','Choose destination that
you like the most.','Book destination that you choosed.'];    var
divUkomeCeSelispisati=document.querySelector("#kakoFunkcionise");    var ispis="";
for(let i=0;i<fafalkonice.length;i++){        if(fafalkonice[i]=='fas fa-book'){            ispis+=`
        <div class="col-md-4 col-sm-12">
            <div class="feature-center animate-box" >                <span
class="icon">
                <i class="${fafalkonice[i]}"></i>
            </span>
            <h3>${veciTekst[i]}</h3>
            <p>${pasusi[i]}</p>
        </div>

```





```

        <div class="col-md-3 col-sm-7">
            <label for="{idElemenata[i]}" class="bukFormaLabela">${nizTek
staZaLabelu[i]}</label>
            <input type="text" id="{idElemenata[i]}" class="formcontrol bukForma unutar"/>
            <span id="{idElemenata[i]}Greska"></span>

        </div>
    </div>`;
    }else if(nizInputaZaFormu[i]=='button'){        ispis+=`
        <div class="form-group">
            <div class="col-md-12 col-sm-12 ">
                <label for="{idElemenata[i]}" class="bukFormaLabela">${nizTekstaZaLab elu[i]}</label>
                <input type="{nizInputaZaFormu[i]}" id="{idElemenata[i]}" class=
"form-control bukForma" value="Book"/>
                <span id="{idElemenata[i]}Greska"></span>

            </div>
        </div>`;        }
    else if(nizInputaZaFormu[i]=='ddl'){        ispis+=`<div
class="form-group ">        <div class="col-md-4 col-sm-12
">

        <label for="{idElemenata[i]}" class="bukFormaLabela">${nizTek
staZaLabelu[i]}</label>
        <select id="{idElemenata[i]}" class="form-control bukForma">
            ${napraviOpcijeZaDDL()}
        </select>
        <span id="{idElemenata[i]}Greska"></span>

```

```

    </div>
    </div>`;        }        else{        ispis+=`<div
class="form-group">        <div class="col-md-4
col-sm-12">

        <label for="{idElemenata[i]}" class="bukFormaLabela">${nizTekstaZ aLabelu[i]}</label>
        <input type="{nizInputaZaFormu[i]}" id="{idElemenata[i]}" class=
"form-control bukForma"/>
        <span id="{idElemenata[i]}Greska"></span>

    </div>
    </div>`;
    }
}

```

```

    }
    forma.innerHTML=ispis;
} function napraviOpcijeZaDDL(){    var rez="";    for(let i=0;i<destinations.length;i++){
rez+=`<option value="${destinations[i]}">${destinations[i]}</option>`    }    return rez;
}

function napraviKontaktFormu(){
    var parent=document.querySelector("#kontaktForma");    var
forma=document.createElement("form");
forma.setAttribute("method","GET");
forma.setAttribute("id","kontaktForm");    parent.appendChild(forma);
var nizInputa=['text','text'];    var labele=['Your name','Email'];    var
id=['nameContact','emailContact'];    var ispis="";    for(let
i=0;i<nizInputa.length;i++){        ispis+=`<div class="row form-
group">
    <div class="col-md-12">
        <label for="${id[i]}" class="labK">${labele[i]}</label>

```

```

        <input type="${nizInputa[i]}" id="${id[i]}" class="form-
control kontF">
        <span id="${id[i]}Error"></span>
    </div>
</div>`;    }    ispis+=`<div class="row form-
group">
    <div class="col-md-12">
        <label for="taKontakt" class="labK">Message</label>
        <textarea id="taKontakt" class="formcontrol
kontF"cols="20" rows="10"></textarea>
    </div>
</div>
<div class="form-group">
    <div class="col-md-4 col-sm-12 ">
        <label for="btnKontakt"></label>
        <input type="button" id="btnKontakt" class="formcontrol kontF"
value="Send"/>
    </div>
</div>
`;    forma.innerHTML=ispis;

} function napraviPZaKontaktInformacije(){    var
parent=document.querySelector("#klInformacije");    var nizFafalkonica=[<i
class="fas fa-map-markeralt"></i>,<i class="fas fa-phone-alt"></i>,<i
class="fas faenvelope"></i>];

    var nizTekstova=['California, USA','+2 392 3929210','info@travel.com'];    var ispis="<ul
class='col-md-12'>";    for(let i=0;i<nizFafalkonica.length;i++){        ispis+=`<li class=""><a
href="#"><span class="falkonica">${nizFafalkon
ica[i]}</span><span>${nizTekstova[i]}</span></a></li>`;
    }
    ispis+="</ul>"
    parent.innerHTML+=ispis;
}

//Regularni Izrazi
function proveraProracunForme(){    var
ime,destinacija,brojOdraslih,brojDece,datumDolaska,datumOdlaska;    var
imeG,brOdG,brDecG,destG,datumDolG,datumOdIG;    imeG=
document.querySelector("#fullnameTBGreske");

    brOdG=document.querySelector("#numbAdultsGreske");

    brDecG=document.querySelector("#numbChidlrenGreske");
    destG=document.querySelector("#destinationDDIGreske");
    datumDolG=document.querySelector("#dateAGreske");

```

```

datumOdlG=document.querySelector("#dateDGreske");    var
dobro=true;

    ime=document.getElementById("fullnameTB").value;    var relme=/^[A-ZŠĐŽĆČ][a-
z]{2,20}(\s[A-Z][a-z]{2,20})*\s[A-ZŠĐŽĆČ][az]{2,30}(\s[A-ZŠĐŽĆČ][a-z]{2,30})*$/;
brojOdraslih=document.querySelector("#numbAdults").value;
brojDece=document.querySelector("#numbChidlren").value;    reBrojOdraslihiDece=/^[0-
9][\d]*$/;

    destinacija=document.querySelector("#destinationDDI").value;
    datumDolaska=document.querySelector("#dateA").value;
datumOdlaska=document.querySelector("#dateD").value;

    if(ime==""){
imeG.innerHTML="Required field!";
dobro=false;

        }    else{
if(relme.test(ime)){
imeG.innerHTML="";
dobro=true;

            }

        }
    else{

        imeG.innerHTML='Invaild format!';        dobro=false;

        }    }    if(destinacija=='Choose destination'){
destG.innerHTML="You need to choose some destination!";        dobro=false;

    }    else{
destG.innerHTML="";
dobro=true;

    }

}

```

```

    if(brojOdraslih==""){
        brOdG.innerHTML="Required!"        dobro=false;    }
    else{        if(reBrojOdraslihiDece.test(brojOdraslih)){

        brOdG.innerHTML="";        dobro=true;

            }        else{
brOdG.innerHTML='Invalid format';
dobro=false;

        }
    }

```

```
    }        if(brojDece == ""){
brDecG.innerHTML="Required!"
dobro=false;
    } else{    if(reBrojOdraslihiDece.test(brojDece))
        {        brDecG.innerHTML="";
dobro=true;

        }    else{
brDecG.innerHTML='Invalid format';    dobro=false;}
    }    if(datumDolaska==""){
datumDolG.innerHTML="Required field";    dobro=false;
    }    else{        datumDolG.innerHTML="";
if(datumDolaska>datumOdlaska){
        datumDolG.innerHTML="Date of arrival cant be greater than date of departure!";
datumOdlG.innerHTML="Date of departure cant be less than date of a rrival!";
dobro=false;
        }    else{
datumDolG.innerHTML="";
```

```
datumOdlG.innerHTML="";
```

```
dobro=true;
```

```
}
```

```
    } if(datumOdlaska==""){
datumOdlG.innerHTML="Required field";
dobro=false;
    } else{    datumOdlG.innerHTML="";    if(datumDolaska>datumOdlaska){
datumDolG.innerHTML="Date of arrival cant be greater than date of departure!";
datumOdlG.innerHTML="Date of departure cant be less than date of arrival!";
dobro=false;
    }    else{
datumDolG.innerHTML="";
datumOdlG.innerHTML="";
dobro=true;

    }
}
if(dobro){
    document.querySelector("#cenaPutovanja").innerHTML="Total cost of the trip:"+
izracunaj()+"$";

}
```

```
function izracunaj(){    var
destinacija=document.querySelector("#destinationDDI").value;    var
brOdr=brojOdraslih;    var brDece=brojDece;
    var datumd=new Date(datumDolaska);    var datumo=new Date(datumOdlaska);
var brojDana=datumo.getDate()-datumd.getDate();    var
destinacije=['Hawaii','London','Tokyo','Paris','Maldives','Sydney'
];    var cenePoNocenjuZaOdrasle=[400,220,120,180,250,280];    var
cenePoNocenjuZaDecu=[180,100,80,95,140,190];
```

```
var cena=0;
```

```
    for(let i=0;i<destinacije.length;i++){        if(destinacija==destinacije[i]){
cena=brojDana*((brOdr*cenePoNocenjuZaOdrasle[i])+(brDece*ceneP
```

```

oNocenjuZaDecu[i]))
    }    }
return cena;

}

} function proveraBukForme(){
    var fname,lname,email,destination,dateA,dateD,captcha;    var
fnameG,lnameG,emailG,destinationG,dateAG,dateDG,captchaG;    var
dobro=true;

    fname=document.querySelector("#fName").value;
lname=document.querySelector("#lName").value;
email=document.querySelector("#emailAdd").value;
destination=document.querySelector("#destDDL").value;
dateA=document.querySelector("#dateAB").value;
dateD=document.querySelector("#dateDB").value;

    captcha=document.querySelector("#verification").value;
    fnameG=document.querySelector("#fNameGreska");
lnameG=document.querySelector("#lNameGreska");
emailG=document.querySelector("#emailAddGreska");
destinationG=document.querySelector("#destDDLGreska");
dateAG=document.querySelector("#dateABGreska");
dateDG=document.querySelector("#dateDBGreska");

    captchaG=document.querySelector("#verificationGreska");
    reFnameLname=/^[A-ZŠĐŽČĆ][a-zšđžćč]{2,20}(\s[A-
ZŠĐŽČĆ][a-zšđžćč]{2,20})*/$/;    if(fname=="")
    {
        fnameG.innerHTML="Required field";        dobro=false;
    }    else{
if(reFnameLname.test(fname)){
fnameG.innerHTML="";
dobro=true;

}    else{        fnameG.innerHTML="Invalid
format";        dobro=false;

```



```
}

    }  if(lname==""){
lnameG.innerHTML="Required field";
dobro=false;

    }  else{
if(reFnameLname.test(lname)){
lnameG.innerHTML="";    dobro=true;

    }  else{    lnameG.innerHTML="Invalid
format";    dobro=false;


    }  }
reEmail=/^[w\-\.\.]+\@[a-z]{3,7}\.[a-z]{2,4}$/;  if(email=="")
{    emailG.innerHTML="Required field";
dobro=false;
    }  else{
if(reEmail.test(email)){
emailG.innerHTML="";
dobro=true;

    }
}
```

```
    else{ emailG.innerHTML="Invalid format";  
dobro=false;
```

```
    }  
    } if(destination=="Choose destination"){  
destinationG.innerHTML="Required field"; dobro=false;  
    } else{  
destinationG.innerHTML="";  
dobro=true;  
  
        } if(dateA==""){  
dateAG.innerHTML="Required field";  
dobro=false;  
        } else{  
            if(dateA>dateD)  
            {  
                dateAG.innerHTML=" Arrival date cant be > than date of departure!";  
dobro=false;  
  
            } else{  
dateAG.innerHTML="";  
dobro=true;  
  
        } } if(dateD==""){  
dateDG.innerHTML="Required field";  
dobro=false;  
        } else{  
if(dateD<dateA)  
{
```

```
    dateDG.innerHTML=" Departure date cant be < than date of arrival!";  
dobro=false;  
        } else{  
dateDG.innerHTML="";  
dobro=true;  
  
    }  
} if(captcha==""){ captchaG.innerHTML="Verification is  
required"; dobro=false;  
    } else{ if(captcha==kapca){  
captchaG.innerHTML="";  
dobro=true;  
    } else{ captchaG.innerHTML="Type correct
```

```

captcha";    dobro=false;

    }    if(dobro)    document.querySelector("#uspesno h3").textContent="You have
successfully booked your trip!"    else
    document.querySelector("#uspesno h3").textContent="";
}
}

function podesiDestinaciju(){    var
opcije=document.getElementById("destDDL");
    for(let i=0;i<opcije.length;i++){
{    if(opcije.options[i].value.toLowerCase()==selektovanaDest){
opcije.options[i].selected=true;
    }
}
}

} var kapca;

```

```

function generisiCaptachu(){    var nizMalihSlova=['a','b','c','d','e','f','g','h','i','j','k','l','m','n',
'o','p','q','r','s','t','u','v','w','x','y','z'];    var nizVelikihSlova=[];
    for(let i=0;i<nizMalihSlova.length;i++){
nizVelikihSlova[i]=nizMalihSlova[i].toUpperCase();
    }    var rez="";    for(let i=0;i<2;i++){    var
slucBrojMslova=Math.floor(Math.random()*26+1);    var
slucBrojVslova=Math.floor(Math.random()*26+1);    var
slucBroj=Math.ceil(Math.random()*10);
    rez+=nizVelikihSlova[slucBrojVslova-1]+nizMalihSlova[slucBrojMslova-
1]+slucBroj;
    }    document.getElementById("generisanaCaptcha").value=rez;
kapca=rez;

} function proveraKontaktForme(){    var
imePrezime,email,poruka;    var
imePrezimeG,emailG,porukaG;
    imePrezime=document.querySelector("#nameContact").value;
email=document.querySelector("#emailContact").value;
poruka=document.querySelector("#taKontakt").value;

    imePrezimeG=document.querySelector("#nameContactError");
emailG=document.querySelector("#emailContactError");
    var relmePrezime=/^[A-ZŠĐŽĆČ][a-zšđžćč]{2,20}(\\s[A-ZŠĐŽĆČ][a-zšđžćč]{2,20})*\\s[A-
ZŠĐŽĆČ][a-zšđžćč]{2,30}(\\s[A-ZŠĐŽĆČ][a-zšđžćč]{2,30})*$/;    var reEmail=/^[\\w\\-\\.]+\\@[a-
z]{3,7}\\.[a-z]{2,4}$/;    if(imePrezime==""){
    imePrezimeG.innerHTML="Required field";

```

```
    } else{      if(relmePrezime.test(imePrezime)){  
imePrezimeG.innerHTML="";  
    }  
  }
```

```
  else{  
    imePrezimeG.innerHTML="";  
    } } if(email==""){  
emailG.innerHTML="Required field";  
    } else{      if(reEmail.test(email)){  
emailG.innerHTML="";  
  
    }      else{      emailG.innerHTML="Invalid  
format";  
  
    }  
  }  
}
```