ИНТЕРНЕТ ПРОГРАМИРАЊЕ ВЈЕЖБЕ – 4 – ЈАВА СКРИПТ МАТЕРИЈАЛИ И ВИДЕО ЛАБОРАТОРИЈЕ АУДИТОРНЕ

НАСЛОВИНЦА – ИНДЕКС

## Линкови

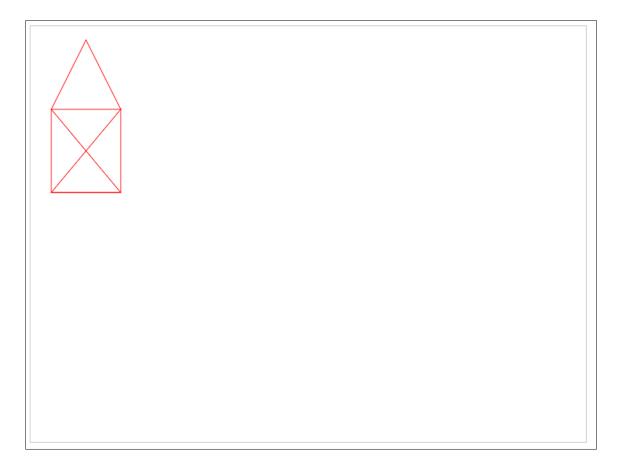
02\index.html 02\script.js index.html index.jsp index bootstrap.html META-INF\MANIFEST.MF script.js

# Случајни линк

Освјежавање случајног линка

index.jsp

### 02/INDEX.HTML – PREVIEW

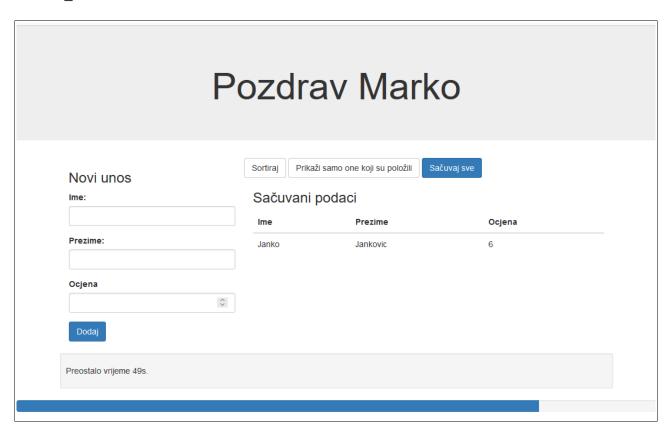


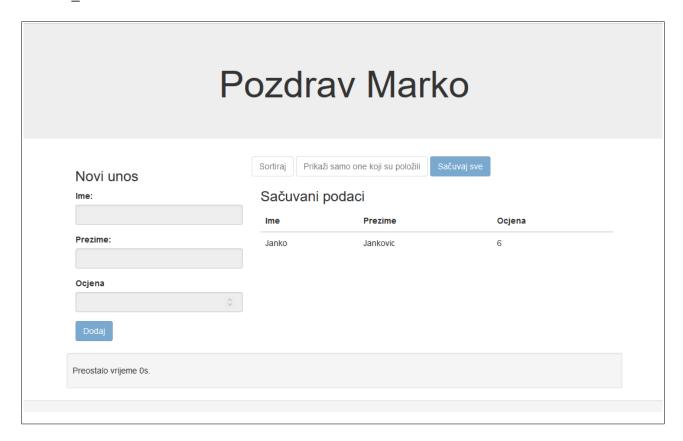
## $INDEX.HTML/INDEX\_BOOTSTRAP.HTML-PREVIEW > USERNAME$



Pozdrav Marko	
Novi unos	
Ime:	
Prezime:	
Ocjena 🗘	
Dodaj	
Sortiraj Prikaži samo one koji su položili Sačuvaj sve	
Sačuvani podaci	
Ime Prezime Ocjena	
Janko Jankovic 6	
Preostalo vrijeme 56s.	

#### INDEX\_BOOTSTRAP.HTML - PREVIEW > ENABLED - WORKING





INDEX BOOTSTRAP.HTML - PREVIEW > DISABLED - DISABLED



#### 02/INDEX.HTML - CODE

#### 02/SCRIPT.JS

```
function nacrtaj() {
       var c=document.getElementById("platno1");
       var context=c.getContext("2d");
       context.fillStyle="#ffffff";
       context.strokeStyle="#ff0000";
       context.beginPath();
       context.moveTo(130,240);
       context.lineTo(30,240);
       context.lineTo(130,120);
       context.lineTo(130,240);
       context.lineTo(30,120);
       context.lineTo(80,20);
       context.lineTo(130,120);
       context.lineTo(30,120);
       context.lineTo(30,240);
       context.closePath();
       context.stroke();
}
```

#### INDEX.HTML

```
1 <!DOCTYPE html>
2 <html>
      <head>
         <meta charset="UTF-8">
         <title>Lab 4</title>
         <script src="script.js"></script>
     </head>
     <body onload="init()">
         <h1 id="user"></h1>
         <h3>Novi unos</h3>
         <form method="post" action="javascript:addItem()">
             <label>Ime:</label>
             <input autofocus="autofocus" type="text" required="required" name="firstName"/>
            <br/>
            <label>Prezime:</label>
            <input type="text" required="required" name="lastName"/>
             <br/>
             <label>Ocjena</label>
             <input type="number" required="required" name="grade" min=5 max=10/>
             <br/>
             <input type="submit" value="Dodaj"/>
        </form>
         <div style="display: flex; flex-direction: row; margin-top:16px">
             <button type="button" onclick="sort()">Sortiraj</button>
             <button type="button" onclick="filter()">Prikaži samo one koji su položili</button>
             <button type="button" onclick="saveData()">Sačuvaj sve</button>
        </div>
         <h3>Sačuvani podaci</h3>
         <thead>
34
                    Ime
                    Prezime
                    Ocjena
                </thead>
             Preostalo vrijeme <span id="time">60</span>s.
     </body>
48 </html>
```

```
var storageKey = "IP LAB4";
var data = [];
var remainingTime = 60;
var interval;
function init() {
       var user = prompt("Unesite ime");
        if (user) {
                document.getElementById("user").innerHTML = "Pozdrav " + user;
                loadData();
                drawTable();
        } else {
                location.href = "https://www.google.com";
        interval = setInterval(() => {
               document.getElementById("time").innerHTML = --remainingTime;
                var progress = document.getElementById("progress");
                if(progress) {
                        progress.style = "width: " + 100*remainingTime/60 + "%";
                if(remainingTime == 0) {
                       clearInterval(interval);
                        disableControls();
        }, 1000);
}
```

```
function disableControls() {
        var inputs = document.getElementsByTagName("input");
        for(var i in inputs) {
               inputs[i].disabled = true;
        var buttons = document.getElementsByTagName("button");
        for(var i in buttons) {
               buttons[i].disabled = true;
function loadData() {
        if (typeof (Storage) !== "undefined") {
                var storage = localStorage.getItem(storageKey);
                if (storage) {
                        data = JSON.parse(storage);
                        if(data.length == 0) {
                                document.getElementById("message").innerHTML = "Nema podataka";
                } else {
                        document.getElementById("message").innerHTML = "Podaci nikad nisu saÄlluvani";
        }
}
```

```
function drawTable() {
       var table = document.getElementById("table-content");
        table.innerHTML = "";
        for(var i in data) {
            var row = table.insertRow(0);
            var cell1 = row.insertCell(0);
            var cell2 = row.insertCell(1);
            var cell3 = row.insertCell(2);
           cell1.innerHTML = data[i].firstName;
           cell2.innerHTML = data[i].lastName;
           cell3.innerHTML = data[i].grade;
        }
1
function saveData() {
       if (typeof (Storage) !== "undefined") {
               localStorage.setItem(storageKey, JSON.stringify(data));
               alert("UspjeÅ;no saÄ\uvano!")
        }
}
function addItem() {
       var form = document.forms[0];
       if (form) {
                var elements = form.elements;
                var object = {
                        firstName : elements.firstName.value,
                        lastName : elements.lastName.value,
                        grade : elements.grade.value
                data.push(object);
                drawTable();
                alert("UspjeÅ;no dodano!")
                form.reset();
        }
}
```

#### INDEX\_BOOTSTRAP.HTML

```
<!DOCTYPE html>
<html>
          <meta charset="UTF-8">
         <title>Lab 4</title>
         <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<soript src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></soript>
<soript src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></soript></soript></soript>
          <script src="script.js"></script>
    </head>
     <body onload="init()">
          <div class="jumbotron text-center"><h1 id="user"></h1></div>
          <div class="container">
              <div class="col-lg-5
                                        col-md-4">
                   <h3>Novi unos</h3>
                    <label>Ime:</label>
                              <input autofocus="autofocus" type="text" required="required" name="firstName" class="form-control"/>
                        </div>
<div class="form-group"
                             <label>Prezime:</label>
<input type="text" required="required" name="lastName" class="form-control"/>
                        </div>
                        <input type="number" required="required" name="grade" min=5 max=10 class="form-control"/>
                   <input type="submit" class="btn btn-primary" value="Dodaj"/>
</form>
              </div>
              cbutton type="button" class="btn btn-default" onclick="sort()">Sortiraj</button>
<button type="button" class="btn btn-default" onclick="filter()">Prikaži samo one koji su položili</button>
<button type="button" class="btn btn-primary" onclick="saveData()">Sačuvaj sve</button>
                    </div>
<h3>Sačuvani podaci</h3>
                    <thead>
                                  Ime
                                        Prezime
```

```
'Glass="row">

'Glass="row">

'Glass="row">

'Glass="but btn-default" onclick="sort()">Sortiraj</button>

'Soutton type="button" class="btn btn-default" onclick="filter()">Prikaži samo one koji su položili</button>

'Soutton type="button" class="btn btn-primary" onclick="saveData()">Sačuvaj sve</button>
              </div>
<hi></div>
<h3>Sačuvani podaci</h3>
              <div class="table-responsive">

                       <thead>
                                Prezime
                                Ocjena
                            </thead>

                       </div>
         </div>
    </div>
    <br/>
    </div>
    </div>
    <div class="progress">
  <div class="progress-bar" role="progressbar" aria-valuenow="60" aria-valuemin="0" aria-valuemax="60" id="progress" style="width: 100%">
       </div>
    </div>
</body>
```

#### VIDEO ANALIZA



```
function init() {
   var user = prompt("Unesite ime");
   if (user) {
        document.getElementById("user").innerHTML = "Pozdrav " + user;
       loadData();
       drawTable();
   } else {
        location.href = "https://www.google.com";
   interval = setInterval(() => {
       document.getElementById("time").innerHTML = --remainingTime;
        var progress = document.getElementById("progress");
       if(progress) {
            progress.style = "width: " + 100*remainingTime/60 + "%";
       if(remainingTime == 0) {
            clearInterval(interval);
            disableControls();
        }
   }, 1000);
```

```
function loadData() {

if (typeof (Storage) !== "undefined") {

var storage = localStorage.getItem(storageKey);

if (storage) {

data = JSON.parse(storage);

if(data.length == 0) {

document.getElementById("message").innerHTML = "Nema podataka";

}

} else {

document.getElementById("message").innerHTML = "Podaci nikad nisu sačuvani";

}

}

}

}

}
```

```
function sort(){

data.sort(function(a,b){
    return a.grade-b.grade;
});

drawTable();

function filter(data: any[]

data = data.filter(function(obj){
    return obj.grade > 5;
};

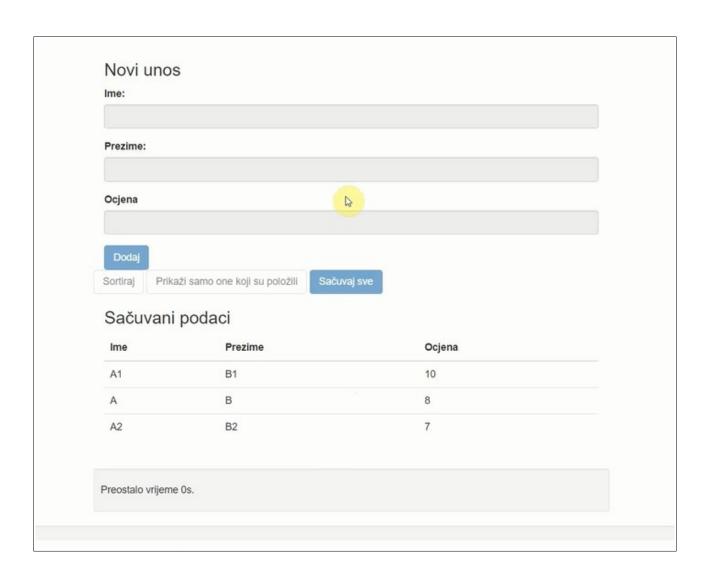
drawTable();

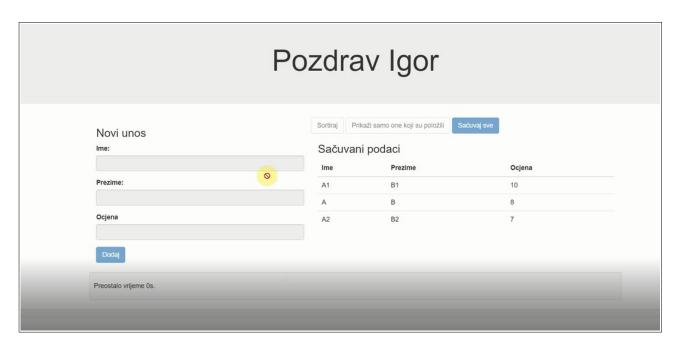
drawTable();

function filter(function(obj){
    return obj.grade > 5;
};

drawTable();
```

```
function saveData() {
   if (typeof (Storage) !== "undefined") {
      localStorage.setItem(storageKey, JSON.stringify(data));
      alert("Uspješno sačuvano!")
   }
}
```





	Pozdrav Igor
«	Novi unos Ime: Prezime:
	Ocjena  Dodaj  Sortiraj Prikaži samo one koji su položili Sačuvaj sve

```
> localStorage.setItem("test", JSON.stringify(obj))
< undefined
> data
< \( \nsime (2) \ \{-\}, \ \{-\}\) \( \lambda \)
  \( \nsime 0: \ \{\text{firstName: "A2", lastName: "B2", grade: "7"} \)
  \( \nsime 1: \ \{\text{firstName: "A1", lastName: "B1", grade: "10"} \)
  \( \lambda \)
  \( \nsime \) \( \nsime \)
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