

ИНТЕРНЕТ ПРОГРАМИРАЊЕ  
ПРЕДАВАЊА – 4 – ЈАВАСКРИПТ  
АНАЛИЗА МАТЕРИЈАЛА

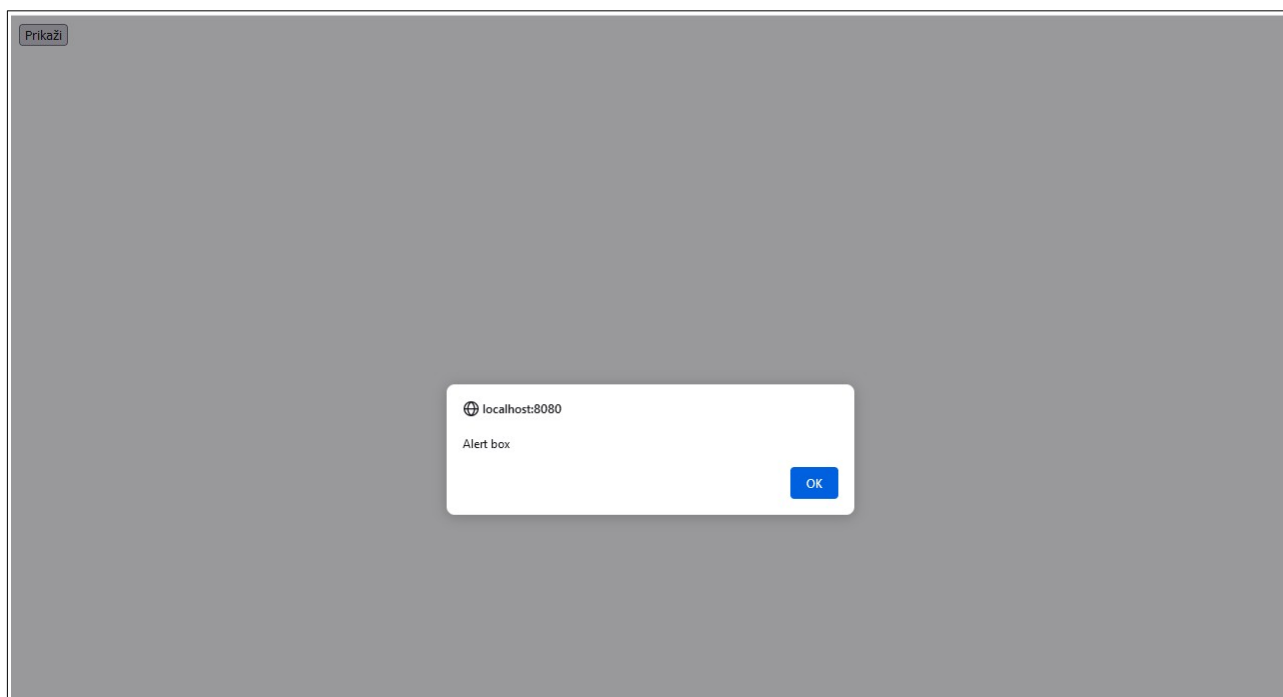
[Alert](#)  
[Confirm](#)  
[Prompt](#)  
[Dates](#)  
[Array](#)  
[Boolean](#)  
[Numbers](#)  
[Promjena vrijednosti atributa](#)  
[Promjena vrijednosti atributa 2](#)  
[Promjena vrijednosti CSS atributa](#)  
[Globalne/lokalne varijable](#)  
[Hoisting](#)  
[let i const](#)  
[arrow funkcija](#)  
[Klase](#)  
[console.log](#)  
[debugger](#)  
[JSON](#)  
[JSON i Local Storage](#)  
[Form](#)  
[Automatska validacija forme](#)  
[Forms](#)  
[Form 2](#)  
[Cookie](#)  
[Objekti](#)  
[Regex](#)  
[Strict](#)  
[Errors](#)  
[Timing](#)  
[Tipovi](#)  
[Tipovi 2](#)  
[Document.write](#)  
[Document.write 2](#)  
[Events](#)  
[Poređenje](#)  
[While petlja](#)  
[For in petlja](#)  
[Document.location](#)  
[Escaping](#)  
[Funkcije](#)

## ИНДЕКС

[alert.html](#)  
[array.html](#)  
[arrow function.html](#)  
[attribute change.html](#)  
[attribute change2.html](#)  
[automatic validate.html](#)  
[boolean.html](#)  
[classes.html](#)  
[comparison.html](#)  
[confirm.html](#)  
[console.html](#)  
[cookie.html](#)  
[css change.html](#)  
[dates.html](#)  
[debugger.html](#)  
[document location.html](#)  
[document write.html](#)  
[document write2.html](#)  
[errors.html](#)  
[escaping.html](#)  
[events.html](#)  
[forin.html](#)  
[form.html](#)  
[form2.html](#)  
[forms.html](#)  
[functions.html](#)  
[global.html](#)  
[hoisting.html](#)  
[images\car\\_closed.jpg](#)  
[images\car\\_open.jpg](#)  
[index.html](#)  
[index.jsp](#)  
[json.html](#)  
[json localStorage.html](#)  
[let const.html](#)  
[META-INF/MANIFEST.MF](#)  
[numbers.html](#)  
[objects.html](#)  
[primjer04b.html](#)  
[prompt.html](#)  
[regex.html](#)  
[strict.html](#)  
[timing.html](#)  
[types.html](#)  
[types2.html](#)  
[while.html](#)

## ALERT.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Alert</title>
5 <script>
6     function show_alert() {
7         alert("Alert box");
8     }
9 </script>
10 </head>
11 <body>
12
13     <input type="button" onclick="show_alert()" value="Prikaži" />
14
15 </body>
16 </html>
```



## ARRAY.HTML

```
1 <html>
2 <head>
3 <title>Alert</title>
4 </head>
5 <body>
6   <script type="text/javascript">
7     {
8       var cars = new Array();
9       cars[0] = "Audi";
10      cars[1] = "Volvo";
11      cars[2] = "BMW";
12      var cars2 = new Array("Audi 2", "Volvo 2", "BMW 2");
13      var cars3 = [ "Audi 3", "Volvo 3", "BMW 3" ];
14    }
15    document.write(cars[0] + "<br>");
16    document.write(cars2[1] + "<br>");
17    document.write(cars3[2] + "<br>");
18  </script>
19 </body>
20 </html>
```

Audi  
Volvo 2  
BMW 3

## ARROW\_FUNCTION.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Arrow funkcija</title>
5 </head>
6 <body>
7
8   <div id="test"></div>
9   <div id="test2"></div>
10  <div id="test3"></div>
11  <div id="test4"></div>
12  <div id="test5"></div>
13
14  <script>
15    var arrow;
16    /*
17     arrow = function() {
18       return "Test";
19     }
20
21     arrow = () => {
22       return "Test";
23     } */
24
25    arrow = () => "Test";
26
27    document.getElementById("test").innerHTML = arrow();
28  </script>
29 </body>
30 </html>
```

## ATTRIBUTE\_CHANGE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Promjena vrijednosti src atributa img elementa JavaScript-om.</title>
5 </head>
6 <body>
7   <p>
8     Promjena src atributa img taga.
9     <button
10       onclick="document.getElementById('carImage').src='images/car_closed.jpg'">Zatvori</button>
11     <button
12       onclick="document.getElementById('carImage').src='images/car_open.jpg'">Otvori</button>
13   </p>
14
15   
16 </body>
17 </html>
18
```

Promjena src atributa img taga.



Promjena src atributa img taga.



## ATTRIBUTE\_CHANGE\_2.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Promjena vrijednosti innerHTML atributa JavaScript-om.</title>
5 </head>
6 <body>
7   <button type="button"
8     onclick="document.getElementById('test').innerHTML = 'JavaScript!'">Pritisni</button>
9
10  <p id="test"></p>
11
12 </body>
13 </html>
14
```

## AUTOMATIC\_VALIDATE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Form</title>
5 </head>
6 <body>
7
8   <form name="form1" action="#" method="post">
9     Name: <input type="text" name="firstName" required>
10    <input type="submit" value="Submit">
11  </form>
12 </body>
13 </html>
```

## BOOLEAN.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Boolean</title>
5 </head>
6 <body>
7   <script type="text/javascript">
8     {
9       var myBoolean = new Boolean(false);
10      var myBoolean2 = new Boolean("false");
11    }
12    document.write(myBoolean + " " + typeof myBoolean);
13    document.write("<br/>");
14    document.write(myBoolean2 + " " + typeof myBoolean2);
15  </script>
16 </body>
17 </html>
```

false object  
true object

## CLASSES.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Classes</title>
5 </head>
6 <body>
7
8   <div id="test"></div>
9   <div id="test2"></div>
10  <div id="test3"></div>
11  <div id="test4"></div>
12  <div id="test5"></div>
13
14  <script>
15    class Person {
16      constructor(name, yearBorn) {
17        this.name = name;
18        this.yearBorn = yearBorn;
19      }
20
21      age() {
22        let date = new Date();
23        return date.getFullYear() - this.yearBorn;
24      }
25    }
26
27    let person = new Person("Marko Markovic", 2000);
28
29    document.getElementById("test").innerHTML = "Person: " + person.name + "<br>Age: " + person.age();
30  </script>
31
32 </body>
33 </html>
```



```

1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>Poređ'enje</title>
5
6  <script>
7      function jednakost() {
8          x = 5;
9          s = "5";
10         if (x == s)
11             document.write(x + " i " + s
12                             + " su jednaki, sa konverzijom tipova.");
13         if (x === s)
14             document.write(x + " i " + s
15                             + " su jednaki, bez konverzije tipova.");
16         else
17             document.write(x + " i " + s
18                             + " nisu jednaki, bez konverzije tipova.");
19     }
20 </script>
21
22 </head>
23
24 <body>
25     <h1>JavaScript funkcije</h1>
26
27     <p>Jednakost x=5 i s="5":</p>
28
29     <p>
30         <script language="JavaScript">
31             jednakost();
32         </script>
33     </p>
34
35 </body>
36
37 </html>
38

```

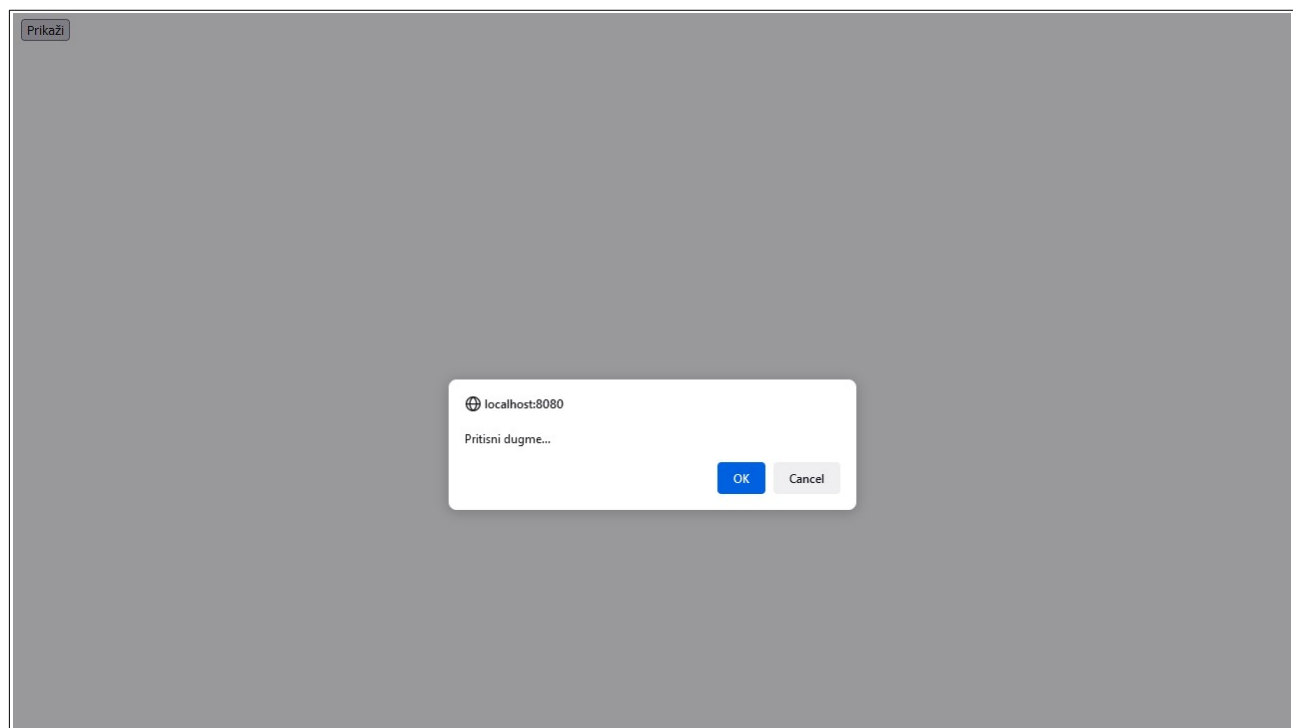
## JavaScript funkcije

Jednakost x=5 i s="5":

5 i 5 su jednaki, sa konverzijom tipova. 5 i 5 nisu jednaki, bez konverzije tipova.


## CONFIRM.HTML


```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Confirm</title>
5 <script type="text/javascript">
6   function show_confirm() {
7     var r = confirm("Pritisni dugme...");
8     if (r == true) {
9       alert("Pritisnuli ste OK!");
10    } else {
11      alert("Pritisnuli ste Cancel!");
12    }
13  }
14 </script>
15 </head>
16 <body>
17
18   <input type="button" onclick="show_confirm()" value="Prikaži" />
19
20 </body>
21 </html>
```



## CONSOLE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Console</title>
5 </head>
6 <body>
7
8     <div id="test"></div>
9     <div id="test2"></div>
10    <div id="test3"></div>
11    <div id="test4"></div>
12    <div id="test5"></div>
13
14    <script>
15
16        var x = 10;
17        var y = 20;
18        var z = x * y;
19        console.log(z);
20
21    </script>
22
23 </body>
24 </html>
25
```

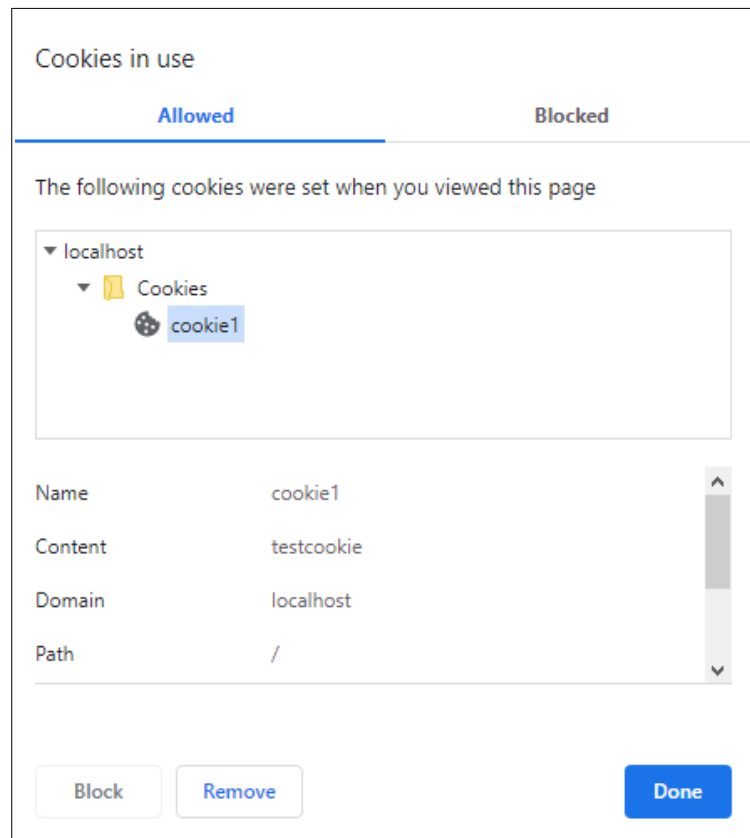
 Filter Output

Errors Warnings Logs Info Debug CSS XHR Requests 

200 console.html:19:11

## COOKIE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Cookie</title>
5 </head>
6 <body>
7     <script type="text/javascript">
8         document.write("Ovaj cookie se vidi prilikom drugog request-a: ");
9         document.write(document.cookie);
10        document.write("<br/><br/>");
11        document.cookie = "cookie1=testcookie; expires=Sat, 29 Nov 2017 20:47:11 UTC; path=/";
12        document.write("Ovaj cookie se vidi prilikom prvog request-a: ");
13        document.write(document.cookie);
14        document.write("<br/><br/>");
15    </script>
16 </body>
17 </html>
18
```



## CSS\_CHANGE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Promjena vrijednosti CSS atributa style JavaScript-om.</title>
5 </head>
6 <body>
7
8 <h3>Sakrivanje/prikazivanje HTML elemenata JavaScript-om.</h3>
9
10 <button type="button" onclick="document.getElementById('test').style.display='none'">Sakrij</button>
11 <button type="button" onclick="document.getElementById('test').style.display='block'">Prikazi</button>
12 <p id="test">Sadrzaj p taga...</p>
13
14
15
16 </body>
17 </html>
18
```

### Sakrivanje/prikazivanje HTML elemenata JavaScript-om.

Sakrij

Prikazi

Sadrzaj p taga...

### Sakrivanje/prikazivanje HTML elemenata JavaScript-om.

Sakrij

Prikazi

## DATES.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Dates</title>
5 </head>
6 <body>
7
8   <p id="test1"></p>
9   <p id="test2"></p>
10  <p id="test3"></p>
11
12  <script>
13    var d = new Date();
14    document.getElementById("test1").innerHTML = "toString: "
15      + d.toString();
16    document.getElementById("test2").innerHTML = "toUTCString: "
17      + d.toUTCString();
18    document.getElementById("test3").innerHTML = "toDateString: "
19      + d.toDateString();
20  </script>
21
22
23 </body>
24 </html>
25
```

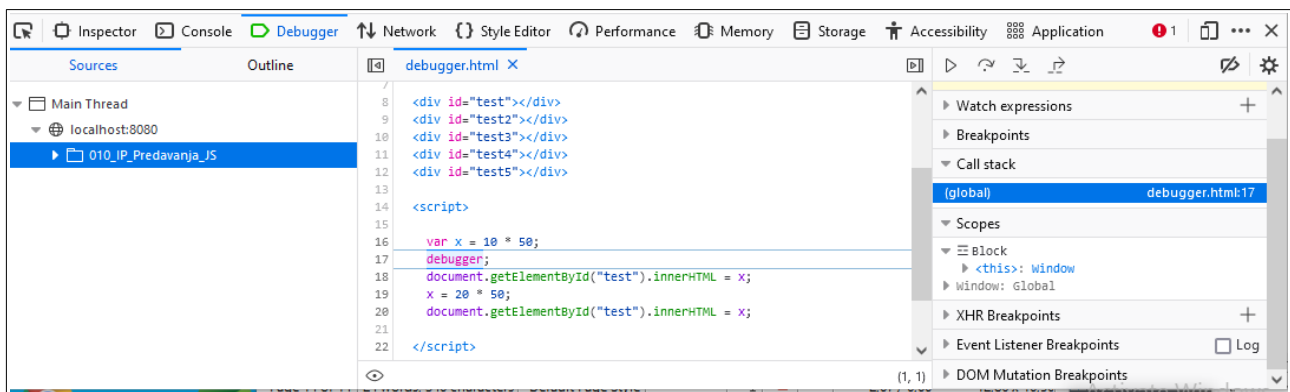
toString: Tue Jul 13 2021 19:10:03 GMT+0200 (Central European Summer Time)

toUTCString: Tue, 13 Jul 2021 17:10:03 GMT

toDateString: Tue Jul 13 2021

## DEBUGGER.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Debugger</title>
5 </head>
6 <body>
7
8     <div id="test"></div>
9     <div id="test2"></div>
10    <div id="test3"></div>
11    <div id="test4"></div>
12    <div id="test5"></div>
13
14    <script>
15
16        var x = 10 * 50;
17        debugger;
18        document.getElementById("test").innerHTML = x;
19        x = 20 * 50;
20        document.getElementById("test").innerHTML = x;
21
22    </script>
23
24 </body>
25 </html>
26
```



## DOCUMENT\_LOCATION.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Document location</title>
5 <script>
6     var tekst = "";
7     function poruka() {
8         try {
9             alert("Dobro dosli!");
10            alertt("Dobro dosli!");
11        } catch (err) {
12            tekst = "Desila se greska.\n\n";
13            tekst += "Opis greske: " + err.description + "\n\n";
14            tekst += "Pritisni OK za odlazak na Google.\n\n";
15            if (confirm(tekst))
16                document.location.href = "http://www.google.com/";
17        }
18    }
19 </script>
20 </head>
21
22 <body>
23     <input type="button" value="Pogledaj" onclick="poruka()" />
24 </body>
25
26 </html>
```

## DOCUMENT\_WRITE.HTML/DOCUMENT\_WRITE\_2.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Document.write</title>
5 </head>
6
7 <body>
8     <h1>JavaScript jezik</h1>
9
10    <p>JavaScript je programski jezik za kontrolu prikaza i ponašanja
11    stranice koji se izvršava u okviru web pretraživača. Tekst sledećeg pasusa
12    je generisan programski:</p>
13
14    <p>
15        <script language="JavaScript">
16            document.write("Drugi pasus.");
17        </script>
18    </p>
19
20 </body>
21
22 </html>
23
```

### JavaScript jezik

JavaScript je programski jezik za kontrolu prikaza i ponašanja stranice koji se izvršava u okviru web pretraživača. Tekst sledećeg pasusa je generisan programski:

Drugi pasus.

## ERRORS.HTML

```
1 <html>
2 <head>
3   <title>Errors</title>
4   <script type="text/javascript">
5     var txt = "";
6     function message() {
7       try {
8         alertttt("Pozdrav!");
9       } catch (err) {
10        txt = "Funkcija alertttt ne postoji!";
11        alert(txt);
12      }
13    }
14  </script>
15 </head>
16
17 <body>
18   <input type="button" value="Poruka" onclick="message()" />
19 </body>
20
21 </html>
```

## ESCAPING.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Escaping</title>
5   <script>
6     var tekst = "";
7     function poruka() {
8       alert("tekst \& \"navodnici\" tab\t backslash\\");
9     }
10  </script>
11 </head>
12
13 <body>
14   <input type="button" value="Pogledaj" onclick="poruka()" />
15 </body>
16
17 </html>
```

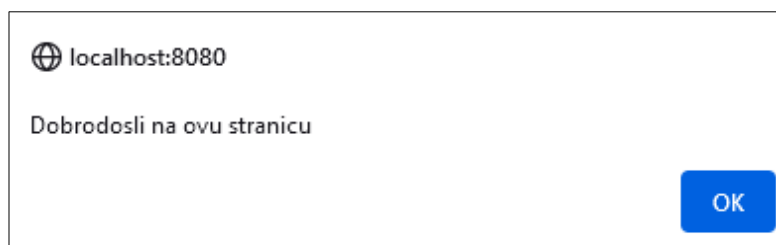


## EVENTS.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>JavaScript</title>
5
6 <script language="JavaScript">
7     function mis() {
8         confirm("Da li ste sigurni?");
9     }
10
11     function greeting() {
12         alert("Dobro dosli na ovu stranicu");
13     }
14 </script>
15
16 </head>
17
18 <body onLoad="greeting()">
19     <h1>JavaScript događaji</h1>
20
21     <p>
22         Događaji koje svojom akcijom izazove korisnik ili web browser mogu biti
23         obrađeni JavaScript kodom. Prilikom učitavanja ove stranice automatski
24         će biti pozvana jedna JavaScript funkcija. Pored toga, možete da
25         pređete mišem preko ovog <a href="primjer03.html" onMouseOver="mis()">linka</a>.
26     </p>
27
28 </body>
29
30 </html>
31
```

### JavaScript događaji

Događaji koje svojom akcijom izazove korisnik ili web browser mogu biti obrađeni JavaScript kodom. Prilikom učitavanja ove stranice automatski će biti pozvana jedna JavaScript funkcija. Pored toga, možete da pređete mišem preko ovog [linka](#).



## FORIN.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>For in</title>
5 </head>
6 <body>
7
8   <script>
9     var x;
10    var imena = new Array();
11    imena[0] = "Marko";
12    imena[1] = "Slavko";
13    imena[2] = "Perica";
14
15    for (x in imena) {
16      document.write(imena[x] + "<br />");
17    }
18  </script>
19
20 </body>
21 </html>
```

Marko Slavko Perica
---------------------------

## FORM.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Form</title>
5 <script>
6
7   function validateForm() {
8     var x = document.forms["form1"]["firstName"].value;
9     if (x == "") {
10      alert("First name is empty!");
11      return false;
12    }
13  }
14
15 </script>
16 </head>
17 <body>
18
19   <form name="form1" action="#" onsubmit="return validateForm()" method="post">
20     Name: <input type="text" name="firstName">
21     <input type="submit" value="Submit">
22   </form>
23
24 </body>
25 </html>
```

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>Form</title>
5  <script>
6      function provjera() {
7          vrijednost = document.forms['forma'].polje1.value;
8          if (isNaN(vrijednost)) {
9              alert("Niste unijeli broj");
10             return false;
11         } else if (vrijednost >= 1 && vrijednost <= 10) {
12             return true;
13         } else {
14             alert("Niste unijeli broj u opsegu od 1 do 10");
15             return false;
16         }
17     }
18 </script>
19
20 </head>
21
22 <body>
23     <h1>JavaScript i forme</h1>
24
25     <p>JavaScript programima može se pristupiti elementima forme. Na
26     taj način može se obaviti provjera unijetih podataka prije njihovog
27     slanja.</p>
28
29     <form name="forma" action="primjer04b.html"
30         onSubmit="return provjera()">
31         <p>
32             Unesite broj između 1 i 10: <input type="text" name="polje1">
33             <br>
34             <br> <input type="submit" name="polje2" value="Posalji">
35         </p>
36     </form>
37
38 </body>
39
40 </html>
41

```

## JavaScript i forme

JavaScript programima može se pristupiti elementima forme. Na taj način može se obaviti provjera unijetih podataka prije njihovog slanja.

Unesite broj između 1 i 10:

## JavaScript i forme (2)

Unijeli ste sljedeće parametre: ?polje1=10&polje2=Posalji

## PRIMJER4B.HTML

```
1 <html>
2
3 <head>
4 <meta http-equiv="Content-Type" content="text/html; charset=Windows-1250">
5 <title>JavaScript</title>
6 </head>
7
8 <body>
9 <h1>JavaScript i forme (2)</h1>
10
11 <p>
12     Unijeli ste sljedeće parametre:
13     <script language="JavaScript">
14         document.write(window.location.search);
15     </script>
16 </p>
17
18 </body>
19
20 </html>
```

## FORMS.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Forms</title>
5 </head>
6 <body>
7
8 <p>Unesi broj i pristisni dugme OK:</p>
9
10 <input id="id1" type="number" min="10" max="20" required>
11 <button onclick="test()">OK</button>
12
13 <p>Ako je broj manji od 10 ili veci od 20, poruka o gresci ce biti
14 prikazana.</p>
15
16 <p id="test"></p>
17
18 <script>
19     function test() {
20         var inpObj = document.getElementById("id1");
21         if (inpObj.checkValidity() == false) {
22             document.getElementById("test").innerHTML = inpObj.validationMessage;
23         } else {
24             document.getElementById("test").innerHTML = "Input OK";
25         }
26     }
27 </script>
28
29 </body>
30 </html>
31
```

Unesi broj i pritisni dugme OK:

12

Ako je broj manji od 10 ili veci od 20, poruka o gresci ce biti prikazana.

Input OK

Unesi broj i pritisni dugme OK:

21

Ako je broj manji od 10 ili veci od 20, poruka o gresci ce biti prikazana.

Please select a value that is no more than 20.

Unesi broj i pritisni dugme OK:

a

Ako je broj manji od 10 ili veci od 20, poruka o gresci ce biti prikazana.

Please enter a number.

## FUNCTIONS.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Functions</title>
5 </script>
6   var osoba = {
7     ime : "Marko",
8     prezime : "MarkoviÄ",
9     grad : "BL",
10    imePrezime : function() {
11      return this.ime + " " + this.prezime;
12    },
13    imePrezimeGrad : function() {
14      return this.ime + " " + this.prezime + " " + this.grad;
15    }
16  };
17 </script>
18 </head>
19
20 <body>
21   <input type="button" value="Ime i prezime"
22     onclick="alert(osoba.imePrezime())" />
23   <br />
24   <input type="button" value="Ime, prezime i grad"
25     onclick="alert(osoba.imePrezimeGrad())" />
26   <br />
27   <input type="button" value="Ime i prezime - definicija funkcije"
28     onclick="alert(osoba.imePrezime)" />
29   <br />
30   <input type="button" value="Ime, prezime i grad - definicija funkcije"
31     onclick="alert(osoba.imePrezimeGrad)" />
32   <br />
33 </body>
34
35 </html>
```

localhost:8080

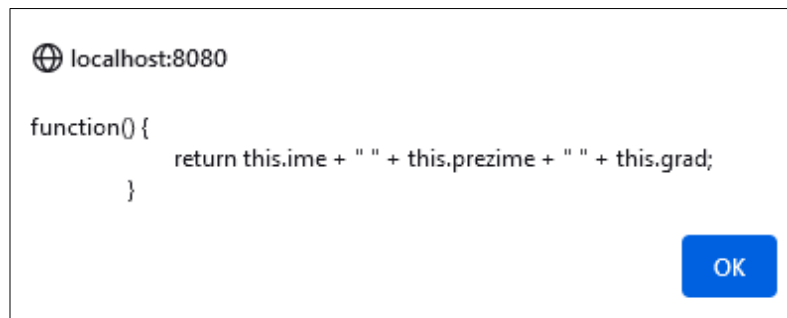
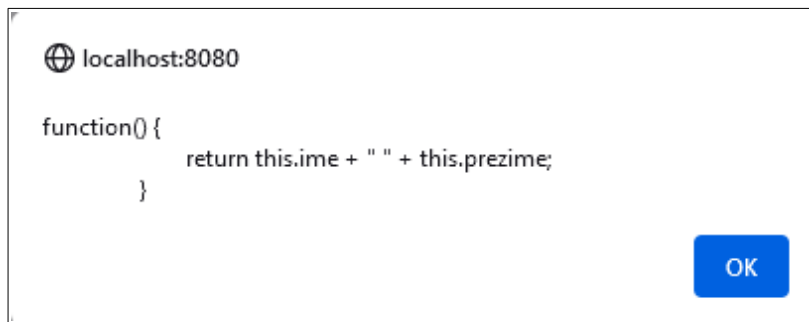
Marko MarkoviÄ

OK

localhost:8080

Marko MarkoviÄ BL

OK



## GLOBAL.HTML

```
1 <!DOCTYPE html>  
2 <html>  
3 <head>  
4     <title>Global/local promjenljive</title>  
5 </head>  
6 <body>  
7  
8     <div id="test"></div>  
9     <div id="test2"></div>  
10  
11     <script>  
12         function1();  
13         document.getElementById("test").innerHTML = "Person: " + person;  
14         document.getElementById("test2").innerHTML = "Person: " + person2;  
15  
16         function function1() {  
17             person = "Marko";  
18             var person2 = "Petar";  
19         }  
20     </script>  
21 </body>  
22 </html>  
23
```

Person: Marko

## HOISTING.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Hoisting</title>
5 </head>
6 <body>
7
8     <div id="test"></div>
9     <div id="test2"></div>
10    <div id="test3"></div>
11
12    <script>
13        x = 5;
14        elem = document.getElementById("test");
15        elem.innerHTML = x;
16        var x;
17
18        var a = 1;
19        elem = document.getElementById("test2");
20        elem.innerHTML = "a: " + a + " ### b: " + b;
21        var b = 2;
22
23        y = 6;
24        elem = document.getElementById("test3");
25        elem.innerHTML = y;
26        let y;
27    </script>
28
29    <!--<script>
30        var x;
31        x = 5;
32        elem = document.getElementById("test");
33        elem.innerHTML = x;
34    </script> -->
35 </body>
36 </html>
37
```

5  
a: 1 ### b: undefined

## JSON.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>JSON</title>
5 </head>
6 <body>
7
8     <div id="test"></div>
9     <div id="test2"></div>
10    <div id="test3"></div>
11    <div id="test4"></div>
12    <div id="test5"></div>
13
14    <script>
15        var text = '{"students":[{"firstName":"Marko","lastName":"Markovic"}, {"firstName":"Petar","lastName":"Petrovic"}, {"firstName":"Milan","lastName":"Milanovic"}]}';
16
17        obj = JSON.parse(text);
18        document.getElementById("test").innerHTML = obj.students[0].firstName
19            + " " + obj.students[0].lastName;
20    </script>
21
22 </body>
23 </html>
24
```

Marko Markovic



## JSON LOCAL STORAGE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </head>
5
6 <body>
7
8   <p id="test"></p>
9   <p id="test2"></p>
10
11   <script>
12     var text = '{ "students" : [{ "fn":"Marko" , "ln":"Markovic" }, { "fn":"Ana" , "ln":"Anic" }, { "fn":"Petar" , "ln":"Petrovic" } ]}';
13     var obj = JSON.parse(text);
14     document.getElementById("test").innerHTML = obj.students[0].fn + " "
15       + obj.students[0].ln;
16
17     obj1 = JSON.stringify(obj.students[1]);
18     localStorage.setItem("obj1", obj1);
19
20     localStorageObj1 = localStorage.getItem("obj1");
21     obj2 = JSON.parse(localStorageObj1);
22     document.getElementById("test2").innerHTML = obj2.fn;
23   </script>
24
25 </body>
26 </html>
27
```

**Marko Markovic**

**Ana**

## LET\_CONST.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>let i const</title>
5 </head>
6 <body>
7
8     <div id="test"></div>
9     <div id="test2"></div>
10    <div id="test3"></div>
11    <div id="test4"></div>
12    <div id="test5"></div>
13
14    <script>
15        var x = 10;
16        {
17            var x = 2;
18        }
19        document.getElementById("test").innerHTML = x;
20
21        var y = 10;
22        {
23            let y = 2;
24        }
25        document.getElementById("test2").innerHTML = y;
26
27        var i = 5;
28        for (var i = 0; i < 100; i++) {
29        }
30        document.getElementById("test3").innerHTML = i;
31
32        var j = 5;
33        for (let j = 0; j < 100; j++) {
34        }
35        document.getElementById("test4").innerHTML = j;
36
37        const c = 5;
38        // c = 6;
39        document.getElementById("test5").innerHTML = c;
40    </script>
41 </body>
42 </html>
43
```

2
10
100
5
5

## NUMBERS.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Numbers</title>
5 </head>
6 <body>
7
8   <p id="test10"></p>
9   <p id="test16"></p>
10  <p id="test8"></p>
11  <p id="test2"></p>
12
13  <script>
14    var num = 128;
15    document.getElementById("test10").innerHTML = "dec: " + num;
16    document.getElementById("test16").innerHTML = "hex: " + num.toString(16);
17    document.getElementById("test8").innerHTML = "oct: " + num.toString(8);
18    document.getElementById("test2").innerHTML = "bin: " + num.toString(2);
19  </script>
20
21
22 </body>
23 </html>
24
```

dec: 128

hex: 80

oct: 200

bin: 10000000

## OBJECTS.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Objekti</title>
5 </head>
6 <head>
7   <script type="text/javascript">
8     var osobaObj={
9       firstName: "Marko",
10      lastName: "Markovic",
11      age:50,
12      name: function() {
13        return this.firstName + " " + this.lastName;
14      }
15    };
16
17  </script>
18 </head>
19
20 <body>
21   <script type="text/javascript">
22     document.write(osobaObj.firstName + " " + osobaObj.lastName + " " + osobaObj.age);
23     document.write("<br/>");
24     document.write("<br/>");
25     document.write(osobaObj.name());
26   </script>
27 </body>
28
29 </html>
```

Marko Markovic 50

Marko Markovic

PROMPT.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Prompt</title>
5 </head>
6 <script type="text/javascript">
7   function show_prompt() {
8     var name = prompt("Unesite vase ime", "Marko Markovic");
9     if (name != null && name != "") {
10      document.write("Pozdrav " + name + "!");
11    }
12  }
13 </script>
14 </head>
15 <body>
16
17   <input type="button" onclick="show_prompt()" value="Prikazi" />
18
19 </body>
20 </html>
```

Prikazi

placeholder  
contenteditable

localhost:8080

Unesite vase ime

OK Cancel

Pozdrav Marko Markovic!

## REGEX.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Regex</title>
5 </head>
6 </head>
7 <body>
8
9   <script type="text/javascript">
10     var string = "Ovo je Testna recenica...";
11     var pattern = /test/i;
12     var string2 = "Ovo je test recenica... Ovo je druga Test recenica...";
13     var pattern2 = /test/g;
14     var string3 = "Ovo je test recenica... Ovo je druga Test recenica...";
15     var pattern3 = /test/ig;
16     document.write(string.match(pattern));
17     document.write("<br><br>");
18     document.write(string2.match(pattern2));
19     document.write("<br><br>");
20     document.write(string3.match(pattern3));
21   </script>
22
23 </body>
24 </html>
25
```

Test  
test  
test,Test

## USE STRICT ("use strict", "utf-8", "UTF-8")

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>strict</title>
5 </head>
6
7 <body>
8
9   <p id="test"></p>
10
11   <p>use strict.</p>
12
13   <script>
14     "use strict";
15     var x = 10 * 50;
16     y = 15;
17     document.getElementById("test").innerHTML = x;
18   </script>
19
20 </body>
21 </html>
22
```

## TIMING.HTML

```
1 <html>
2 <head>
3 <title>Timing</title>
4 <script type="text/javascript">
5     var myInterval;
6     function timeMsg() {
7         var t = setTimeout("alertMsg()", 3000);
8     }
9     function alertMsg() {
10         alert("Pozdrav nakon 3000 ms...");
11     }
12     function intervalMsgStart() {
13         myInterval = setInterval("alertMsg()", 3000);
14     }
15     function intervalMsgStop() {
16         clearInterval(myInterval);
17     }
18 </script>
19 </head>
20
21 <body>
22     <form>
23         <input type="button" value="Prikazi poruku nakon 3 sekunde..."
24             onClick="timeMsg()" /> <input type="button"
25             value="Ponavljaj poruku nakon 3 sekunde..."
26             onClick="intervalMsgStart()" /> <input type="button"
27             value="Zaustavi ponavljanje..." onClick="intervalMsgStop()" />
28     </form>
29 </body>
30
31 </html>
```

Prikazi poruku nakon 3 sekunde...

Ponavljaj poruku nakon 3 sekunde...

Zaustavi ponavljanje...

## TYPES.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Types</title>
5 </head>
6 <body>
7
8 <p id="test"></p>
9
10 <script>
11 document.getElementById("test").innerHTML =
12     typeof {name:'Marko', age:24} + "<br>" +
13     typeof [1,2,3,4] + "<br>" +
14     typeof null + "<br>" +
15     typeof new Date() + "<br>" +
16     typeof 1 + "<br>" +
17     typeof function myFunc(){};
18 </script>
19
20
21 </body>
22 </html>
23
```

object  
object  
object  
object  
number  
function

string  
boolean

## TYPES\_2.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Types</title>
5   <script>
6     var t1 = typeof "String";
7     var t2 = typeof 10.15;
8     var t3 = typeof true;
9     var t4 = typeof function () {};
10    var t5 = typeof {ime:'Marko', prezime:'MarkoviÄ+'};
11    var t6= typeof abc;
12  </script>
13 </head>
14
15 <body>
16   <input type="button" value="typeof 'String'" onclick="alert(t1)" />
17   <input type="button" value="typeof 10.15" onclick="alert(t2)" />
18   <input type="button" value="typeof true" onclick="alert(t3)" />
19   <input type="button" value="typeof function()" onclick="alert(t4)" />
20   <input type="button" value="typeof {ime:'Marko', prezime:'MarkoviÄ+'}" onclick="alert(t5)" />
21   <input type="button" value="typeof undefined" onclick="alert(t6)" />
22 </body>
23
24 </html>
```

typeof 'String'   typeof 10.15   typeof true   typeof function()   typeof {ime:'Marko', prezime:'MarkoviÄ+'}   typeof undefined

boolean exists  
float is number  
undefined exists  
null is object

## WHILE.HTML

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>While loop</title>
5 <script>
6   var i = 1;
7   document.write("Brojevi generisani u while petlji: <br/>");
8   while (i <= 10) {
9     document.write(i);
10    document.write("<br>");
11    i++;
12  }
13 </script>
14 </body>
15 </html>
```

Brojevi generisani u while petlji:

1  
2  
3  
4  
5  
6  
7  
8  
9  
10