

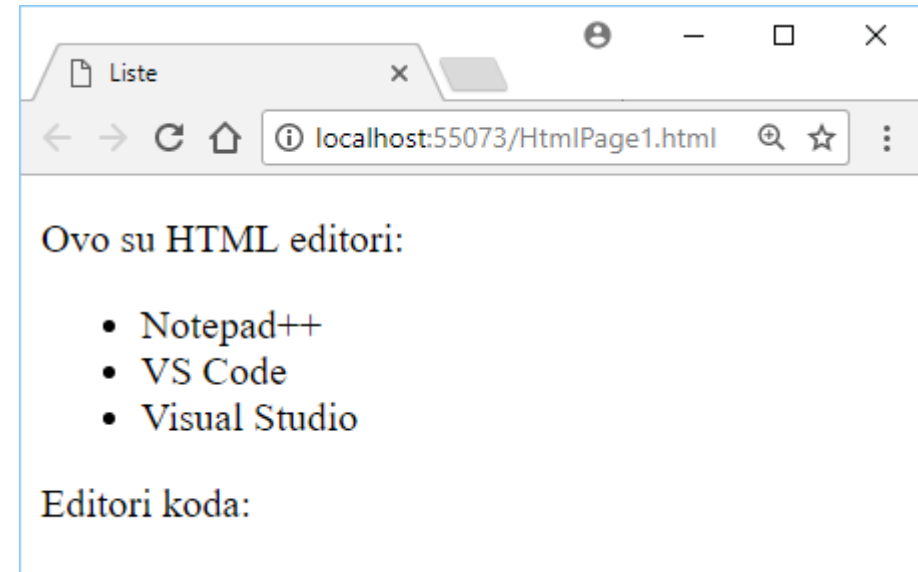
Html liste i tabele

Liste

- Liste sa bulitima (ul - unordered list)
- Liste sa brojevima (ol-ordered list)
- Opisne liste (dl – description list)

Liste sa bulitima

```
<body>
  <p>Ovo su HTML editori:</p>
  <ul>
    <li>Notepad++</li>
    <li>VS Code</li>
    <li>Visual Studio</li>
  </ul>
  <p>Editori koda:</p>
</body>
```

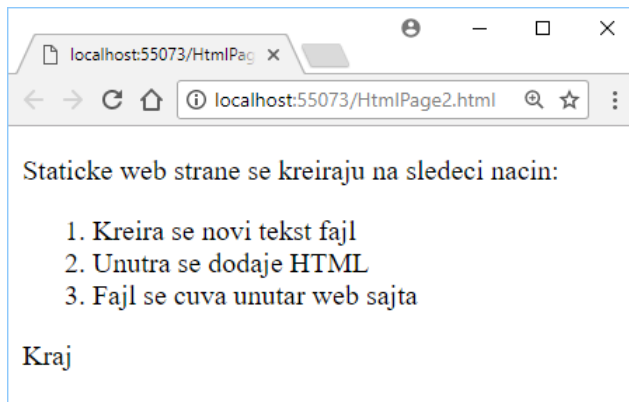


Podrazumevano formatiranje ul elementa

```
ul {  
  display: block;  
  list-style-type: disc;  
  margin-top: 1em;  
  margin-bottom: 1 em;  
  margin-left: 0;  
  margin-right: 0;  
  padding-left: 40px;  
}
```

Liste sa brojevima

```
<body>
  <p>Staticke web strane se kreiraju na sledeci nacin:</p>
  <ol>
    <li>Kreira se novi tekst fajl</li>
    <li>Unutra se dodaje HTML</li>
    <li>Fajl se cuva unutar web sajta</li>
  </ol>
  <p>Kraj</p>
</body>
```

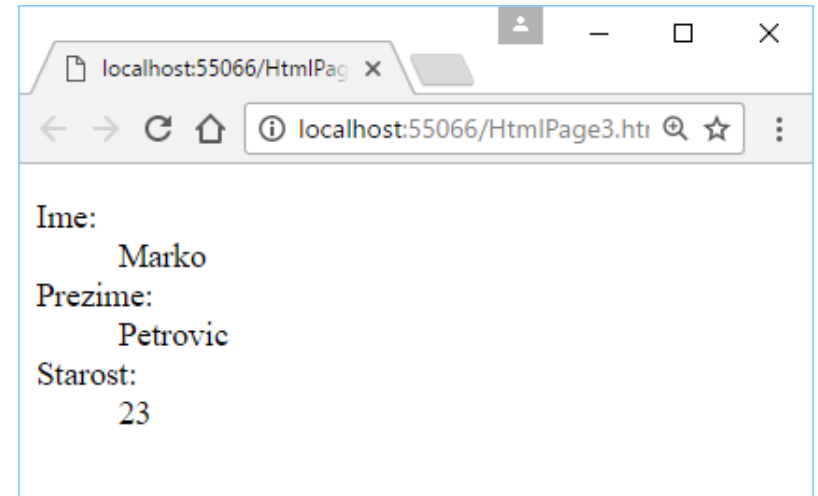


Podrazumevano formatiranje ol elementa

```
ol {  
  display: block;  
  list-style-type: decimal;  
  margin-top: 1em;  
  margin-bottom: 1em;  
  margin-left: 0;  
  margin-right: 0;  
  padding-left: 40px;  
}
```

Opisna lista

```
<dl>  
  <dt>Ime: </dt>  
  <dd>Marko</dd>  
  
  <dt>Prezime: </dt>  
  <dd>Petrovic</dd>  
  
  <dt>Starost: </dt>  
  <dd>23</dd>  
</dl>
```



Podrazumevane vrednosti opisne liste

```
dt {  
    display: block;  
}
```

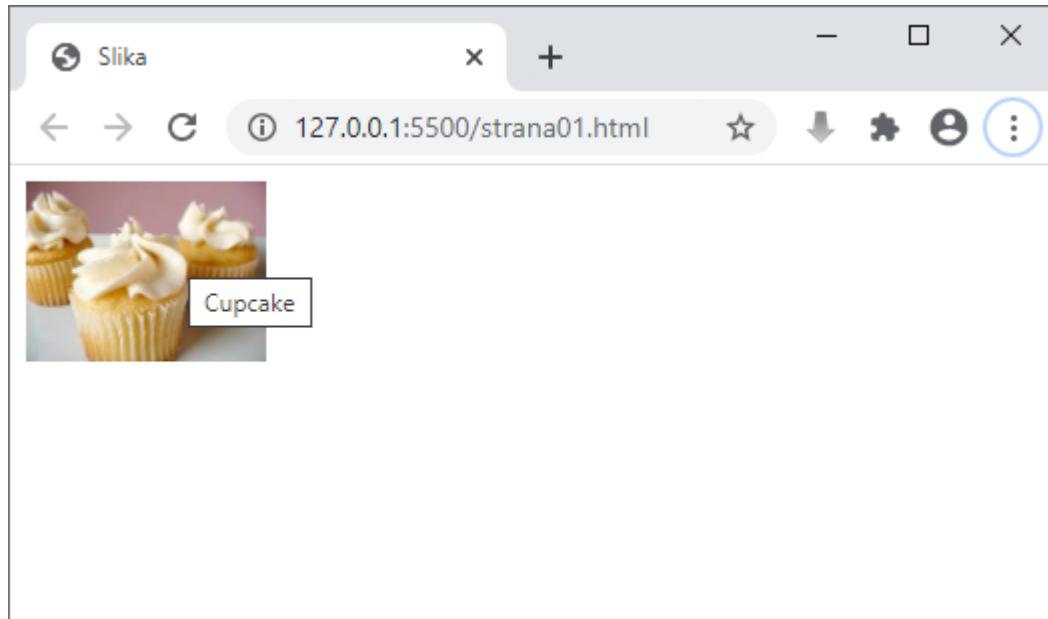
```
dd {  
    display: block;  
    margin-left: 40px;  
}
```


 element

- Koristi se za prikaz slike na web strain
- Pripada grupi inline-block elemenata
- Atribut **src** specificira lokaciju slike koju treba prikazati, ovo je obavezan atribut
- Atribut **alt** specificira alternativni tekst kada se slika iz nekog razloga ne može prikazati
- Atributi **height** i **width** specificiraju dimenzije slike u pikselima
- Atribut **title** definiše hover tekst iznad slike

Prikaz slike

```
<body>  
    
</body>
```



<a> anchor element

- Pripada grupi inline elemenata
- Atribut **href** specificira web stranu na koju se vrši linkovanje
- Može se specificirati URL adresa u istom folderu, URL u odnosu na root web sajta ili relativno u odnosu na tekući folder
- Može se specificirati URL na različitom serveru

Link na stranu u istom folderu

```
<body>  
  <h1>Strana02</h1>  
  <a href="strana01.html">Strana01</a>  
</body>
```

Relativna adresa u odnosu na tekući folder

```
<body>  
  <h1>Strana02</h1>  
  <a href="Proizvodi/proizvod01.html">Proizvod01</a>  
</body>
```

Adresa u odnosu na root web sajta

```
<body>
  <h1>Strana02</h1>
  <a href="strana01.html">Strana01</a> <br>

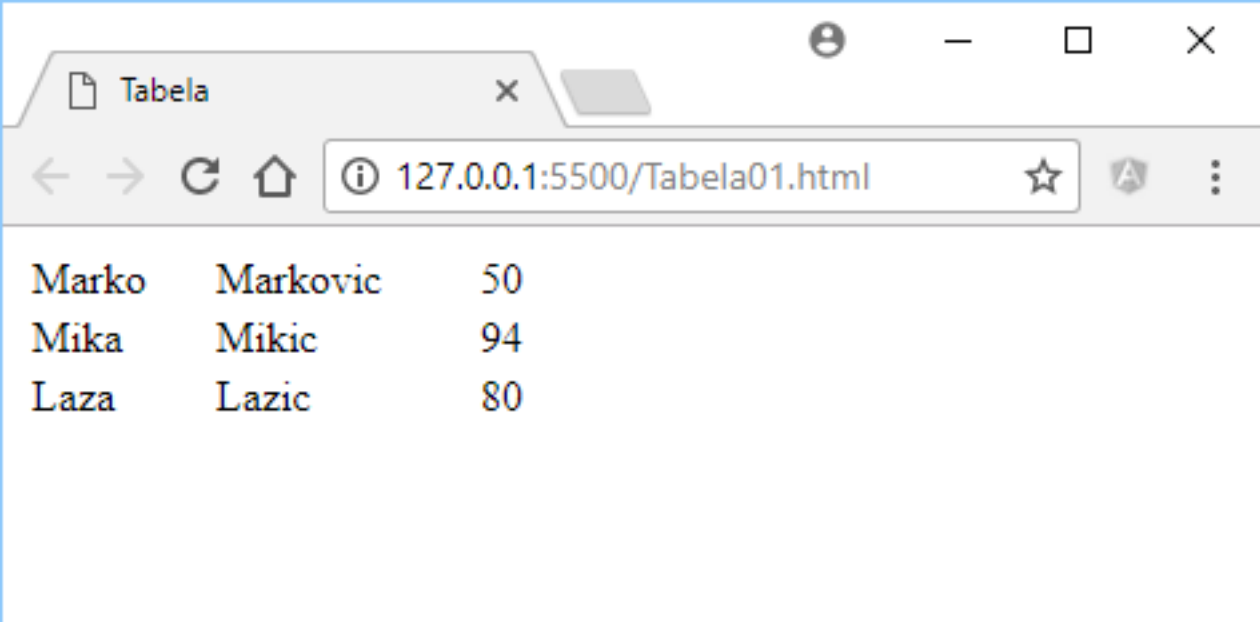
  <a href="/Proizvodi/proizvod02.html">Proizvod02</a>
</body>
```

Refrenciranje strane iz foldera višeg nivoa

```
<body>  
<a href=" ../Strana01.html">strana01</a>  
</body>
```

Tabela

```
<head>
  <title></title>
<meta charset="utf-8" />
  <style>
    table{
      width:200px;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <td>Marko</td>
      <td>Markovic</td>
      <td>50</td>
    </tr>
    <tr>
      <td>Mika</td>
      <td>Mikic</td>
      <td>94</td>
    </tr>
    <tr>
      <td>Laza</td>
      <td>Lazic</td>
      <td>80</td>
    </tr>
  </table>
</body>
```




The screenshot shows a web browser window with a single tab titled "Tabela". The address bar displays the URL "127.0.0.1:5500/Tabela01.html". The browser content area displays a table with three rows of data:

Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

Tabela sa naslovom

```
<table>
  <tr>
    <th>Ime</th>
    <th>Prezime</th>
    <th>Poeni</th>
  </tr>
  <tr>
    <td>Marko</td>
    <td>Markovic</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Mika</td>
    <td>Mikic</td>
    <td>94</td>
  </tr>
  <tr>
    <td>Laza</td>
    <td>Lazic</td>
    <td>80</td>
  </tr>
</table>
```

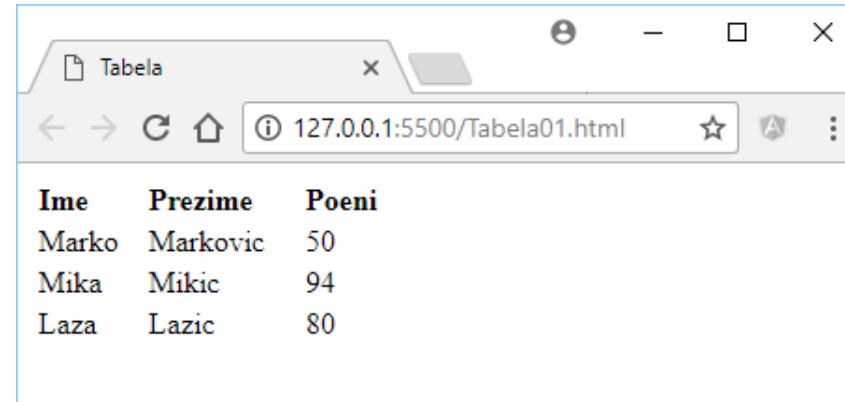


The screenshot shows a web browser window with the title 'Tabela'. The address bar displays '127.0.0.1:5500/Tabela01.html'. The browser content area shows a table with the following data:

Ime	Prezime	Poeni
Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

Levo ravnanje naslova

```
<style>
  table{
    width:200px;
  }
  th {
    text-align: left;
  }
</style>
```

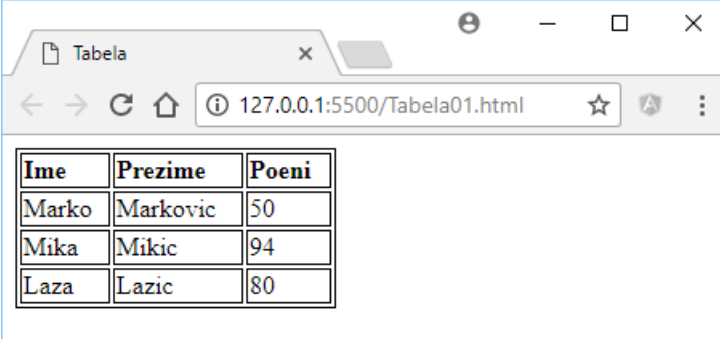


A screenshot of a web browser window displaying a table. The browser's address bar shows the URL "127.0.0.1:5500/Tabela01.html". The table has three columns: "Ime", "Prezime", and "Poeni". The data rows are: Marko Markovic (50), Mika Mikic (94), and Laza Lazic (80).

Ime	Prezime	Poeni
Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

Definisanje bordera table i ćelija tabele

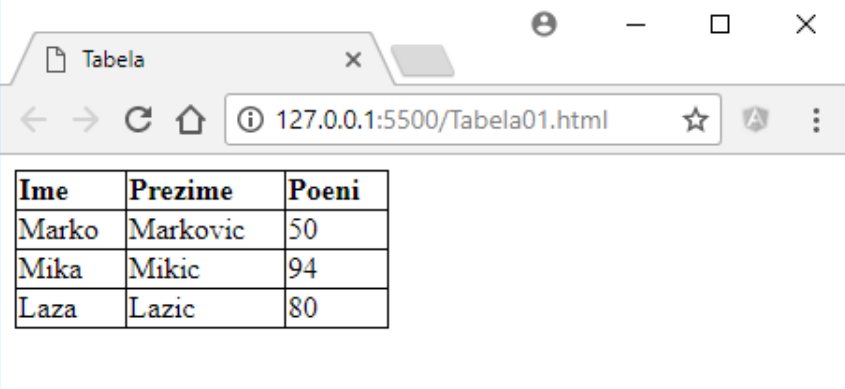
```
<style>
  table{
    width:200px;
  }
  th {
    text-align: left;
  }
  table, th, td {
    border: 1px solid black;
  }
</style>
```



Ime	Prezime	Poeni
Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

Svojstvo border-collapse

```
table, th, td {  
    border: 1px solid black;  
    border-collapse: collapse;  
}
```

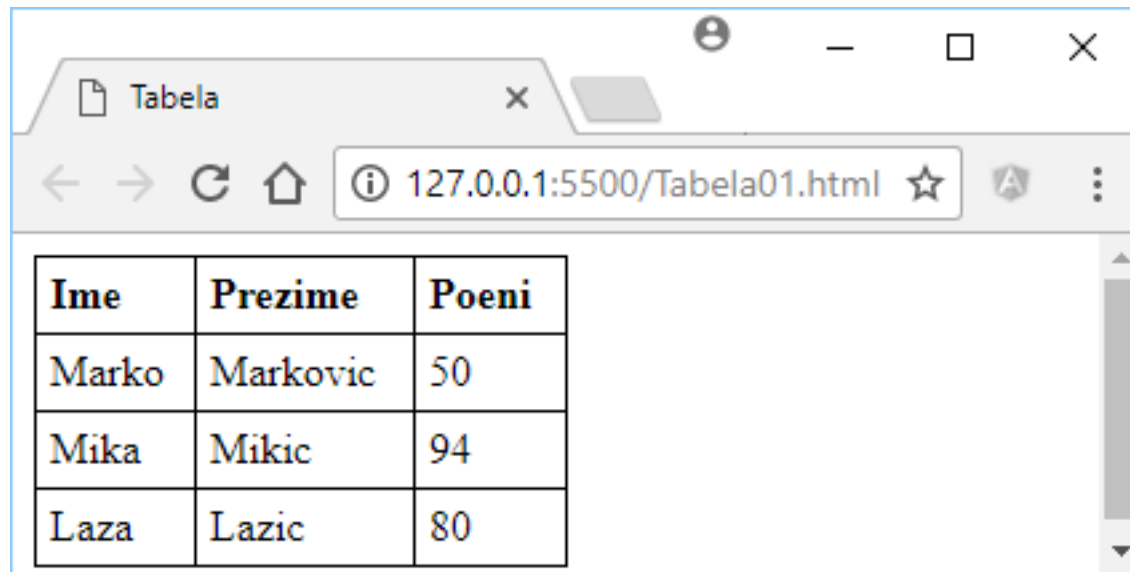


The screenshot shows a web browser window with a single tab titled 'Tabela'. The address bar displays '127.0.0.1:5500/Tabela01.html'. Below the browser interface, a table is rendered with the following data:

Ime	Prezime	Poeni
Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

Definisanje padding za ćelije

```
th, td {  
    padding: 5px;  
}
```



A screenshot of a web browser window displaying a table. The browser's address bar shows the URL `127.0.0.1:5500/Tabela01.html`. The table has three columns: **Ime**, **Prezime**, and **Poeni**. The data rows are:

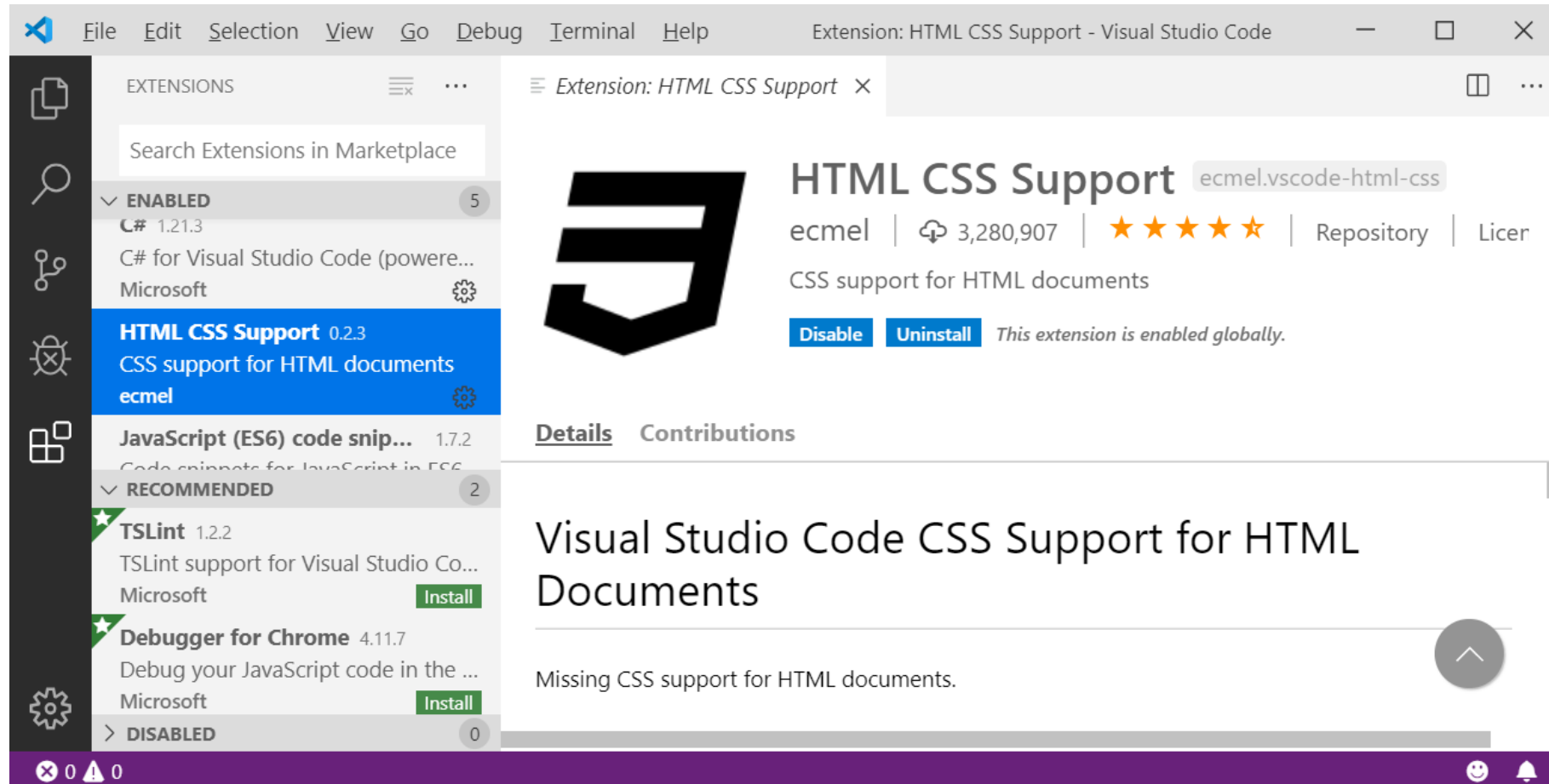
Ime	Prezime	Poeni
Marko	Markovic	50
Mika	Mikic	94
Laza	Lazic	80

CSS

CSS

- CSS je akronim za Cascading Style Sheets
- CSS je skup specifikacija (pravila) koje omogućavaju kontrolu nad prikazom elemenata web strane
- Pravilo unutar stila je instrukcija za formatiranje ili pozicioniranje

Ekstenzija HTML CSS Support



The screenshot displays the Visual Studio Code interface with the Extensions view open. The 'HTML CSS Support' extension by 'ecmel' is highlighted in the left sidebar. The main panel shows the extension's details, including its logo, name, version (0.2.3), and a 5-star rating. The extension is currently enabled, as indicated by the 'Disable' and 'Uninstall' buttons and the text 'This extension is enabled globally.' Below the extension details, a section titled 'Visual Studio Code CSS Support for HTML Documents' contains the text 'Missing CSS support for HTML documents.' The bottom status bar shows 0 errors, 0 warnings, and 0 info messages.

EXTENSIONS

Search Extensions in Marketplace

ENABLED 5

- C# 1.21.3
C# for Visual Studio Code (power...
Microsoft
- HTML CSS Support 0.2.3**
CSS support for HTML documents
ecmel
- JavaScript (ES6) code snip... 1.7.2
Code snippets for JavaScript in ES6

RECOMMENDED 2

- ★ TSLint 1.2.2
TSLint support for Visual Studio Co...
Microsoft **Install**
- ★ Debugger for Chrome 4.11.7
Debug your JavaScript code in the ...
Microsoft **Install**

DISABLED 0

Extension: HTML CSS Support - Visual Studio Code

Extension: HTML CSS Support ×

HTML CSS Support

ecmel.vscod...html-css

ecmel | 3,280,907 | ★★★★★ | Repository | Licer

CSS support for HTML documents

Disable **Uninstall** This extension is enabled globally.

Details Contributions

Visual Studio Code CSS Support for HTML Documents

Missing CSS support for HTML documents.

CSS sintaksa

- CSS obezbeđuje standardni način koji opisuje kako će browser prikazati sadržaj na web strani
- Pomoću css selektora se definiše element ili grupa elemenata na koje se primenjuje pravilo
- Svako css pravilo ima istu osnovnu sintaksu:

```
selector {  
property1:value;  
property2:value;  
...  
propertyN:value;  
}
```

Vrste selektora

- Selektori elemenata
 - Npr `h2{}` selektor vraća sve h2 elemente na strani
- Selektori klase
 - Selektor `.plava{}` vraća sve elemente čiji je atribut class postavljen na vrednost plava
 - Selektor klase može vratiti elemente različitog tipa
- Id selektori
 - Id selektor `#id1{}` vraća element na strani čiji je atribut id jednak vrednosti id1

Dodavanje CSS stilova na web stranu

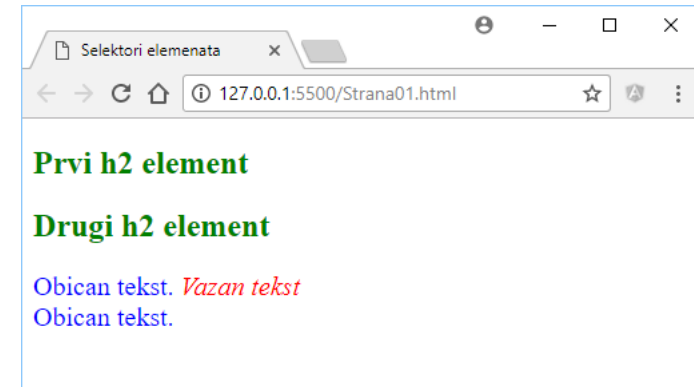
- Postoji tri osnovna načina dodavanja stilova web strani:
 - **Interni style sheet** (formatiranje na nivou strane) tj. `<style></style>` elementa unutar head dela web strane
 - Dodavanje linka na eksterni style sheet tzv. globalno formatiranje
 - Dodavanje inline stilova tj. formatiranje za konkretan HTML element

Selektori elemenata - interni stylesheet

```
<head>
  <title>Selektori elemenata</title>
  <meta charset="utf-8" />
  <style>
    h2{
      font-size: 24px;
      color:green;
    }
    em{
      color: red;
    }
    p{
      font-size: 20px;
      color:blue;
    }
  </style>
</head>
```

Rezultat formatiranja

```
<body>
<h2>Prvi h2 element</h2>
<h2>Drugi h2 element</h2>
<p>
Obican tekst. <em>Vazan tekst</em> <br>
Obican tekst.
</p>
</body>
```



Dodavanje linka na eksterni css fajl

```
<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>Referenciranje eksternog css fajla</title>
  <link rel="stylesheet" href="/stil1.css">
</body>
```

Dodavanje inline stilova

- Stil se primenjuje na određeni HTML element
- Najveći prioritet ima inline, zatim formatiranje na nivou strane i na kraju dolazi globalno formatiranje

```
<p style="width: 200px; height: 100px; background-color: lightblue; padding: 5px;">  
Paragraf na koji se primenjuje inline stil  
</p>
```

Selektori klase

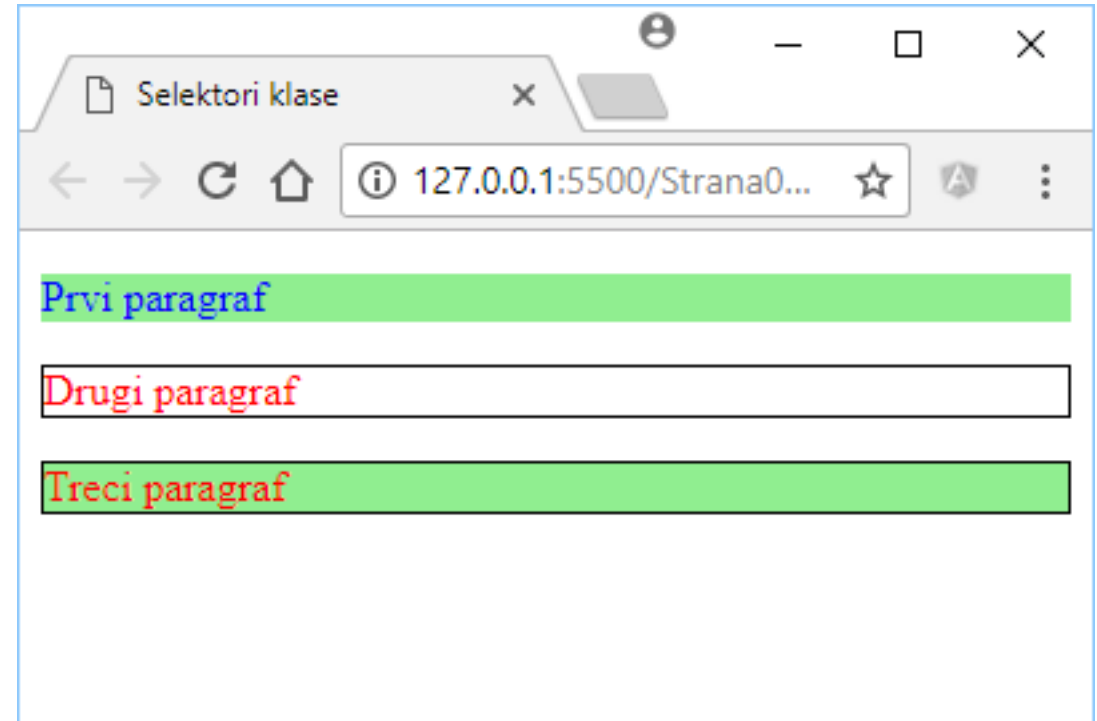
- Selektor klase `.kl` selektuje sve elemente na strani sa atributom `class` jednakim `"kl"`
- Može se specificirati da će se klasa primeniti samo na određene html elemente
 - `p.kl` selektor se odnosi na sve paragrafe sa klasom `"kl"`
- Element može referencirati više od jedne klase

Upotreba selektora klase -1

```
<head>
  <title>Selektori klase</title>
  <meta charset="utf-8" />
<style>
  .k11{
    background-color:lightgreen;
    color:blue;
  }

  p.k12{
    border: 1px solid black;
    color:red;
  }
</style>
</head>
```

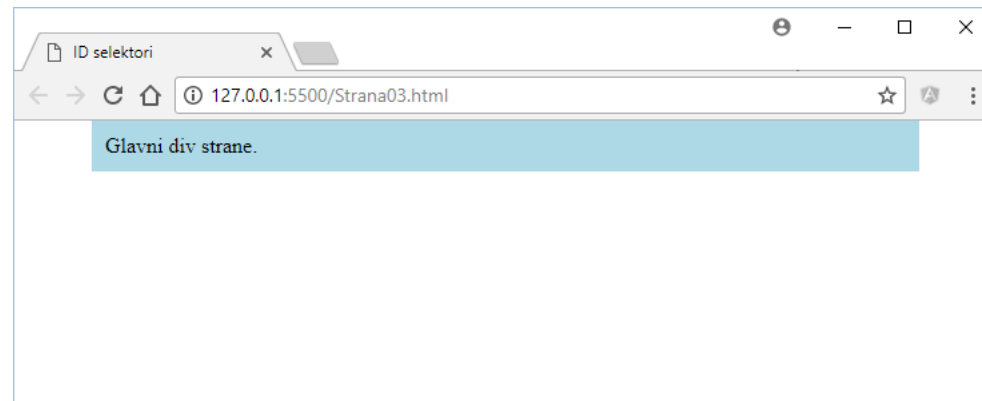
```
<body>
  <p class="k11">Prvi paragraf</p>
  <p class="k12">Drugi paragraf</p>
  <p class="k11 k12">Treci paragraf</p>
</body>
```



Id selektori

```
<head>
  <title>Id selektori</title>
  <meta charset="utf-8" />
  <style>
    body{
      margin: 0px;
    }
    #glavni{
      width: 600px;
      margin: auto;
      background-color:lightblue;
      padding: 10px;
    }
  </style>
</head>
<body>
  <div id="glavni">
    Glavni div strane.
  </div>
</body>
```

Selector #glavni selektuje element sa atributom id jednakim vrednosti glavni.



Grupisanje selektora

```
h1 {  
    color:green;  
}  
  
h2 {  
    color:green;  
}  
  
p {  
    color:green;  
}
```

```
h1,h2,p{  
    color:green;  
}
```

Svojstvo font-family

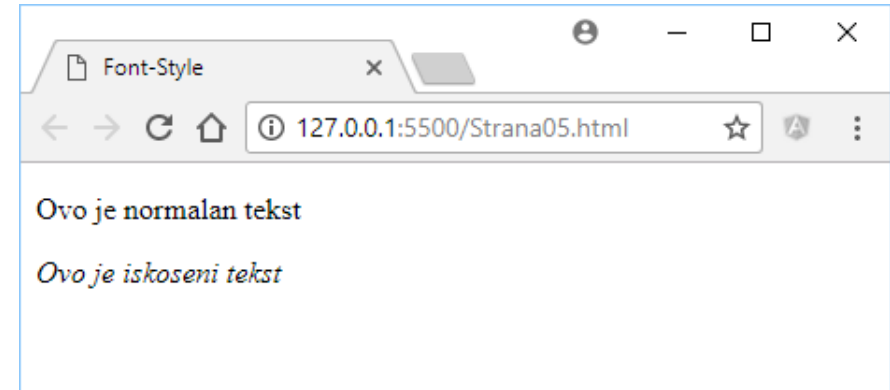
```
<style>
  .f1{
    font-family:Arial, Helvetica, sans-serif;
  }
  .f2{
    font-family:'Times New Roman', Times, serif;
  }
  .f3{
    font-family:Courier New, Courier, monospace;
  }
</style>
```

Svojstvo font-size

```
.fs1 {  
    font-size:16px;  
}  
.fs2 {  
    font-size:150%;/*Velicina fonta parent elementa * 150 % */  
}  
.fs3 {  
    font-size:1em; /*Osnovna velicina fonta strane obicno 16px*/  
}
```

font-style svojstvo

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <title>Font-Style</title>
  <style type="text/css">
    p.n {
      font-style: normal;
    }
    p.i {
      font-style: italic;
    }
  </style>
</head>
<body>
  <p class="n">Ovo je normalan tekst</p>
  <p class="i">Ovo je iskoseni tekst</p>
</body>
</html>
```

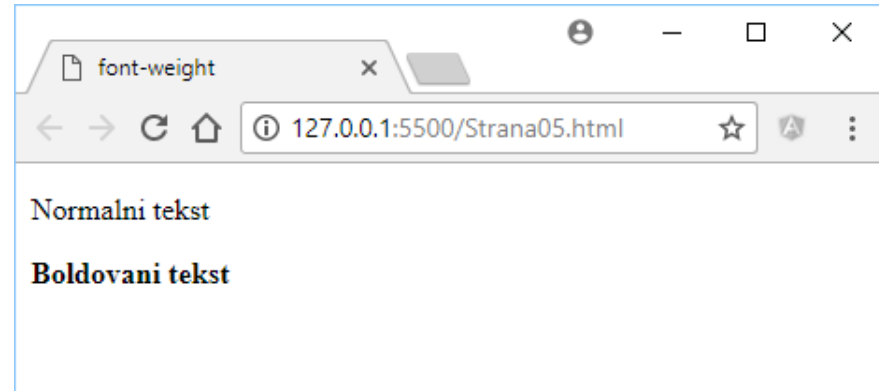


font-weight svojstvo

```
<head>
<title>font-weight</title>
<style type="text/css">
p.normal {
font-weight: normal;
}

p.bold {
font-weight: bold;
}
</style>
</head>

<body>
<p class="normal">Normalni tekst</p>
<p class="bold"> Boldovani tekst</p>
</body>
```



Heksadecimalna predstava boja

```
<style>
  .crvena {
    background-color: #ff0000;
  }

  .zelena {
    background-color: #00ff00;
  }

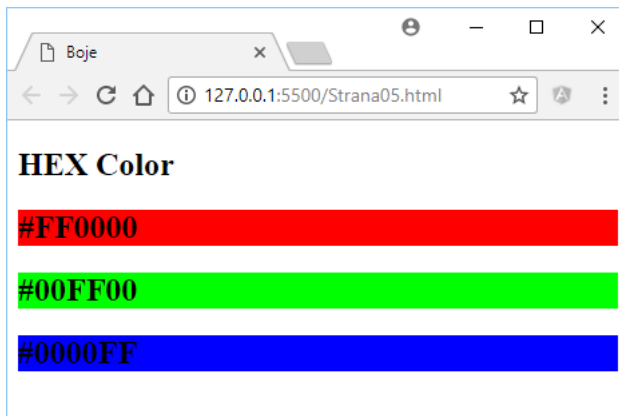
  .plava {
    background-color: #0000ff;
  }
</style>
```

```
<body>
  <h2>HEX Color </h2>

  <h2 class="crvena">
    #FF0000
  </h2>

  <h2 class="zelena">
    #00FF00
  </h2>

  <h2 class="plava">
    #0000FF
  </h2>
</body>
```



Korišćenje validnih imena boja

```
<style>
    .crvena{
        background-color:red;
    }
    .zelena {
        background-color:green;
    }

    .plava {
        background-color:blue;
    }
</style>
```

Definisanje boje teksta

```
<style>
  body {
    color: blue;
  }

  h1 {
    color: green;
  }
</style>
```

Definisanje prozračnosti teksta

```
opacity:1; /*neprozračan tekst*/  
opacity:0; /*nevidljiv tekst*/  
opacity:0.5; /*srednje proziran an tekst*/
```

```
<style>  
  .p1{  
    color:red;  
    opacity:0.5;  
  }  
  
  .p2{  
    color:red;  
    opacity:0;  
  }  
</style>
```

Ravnanje teksta

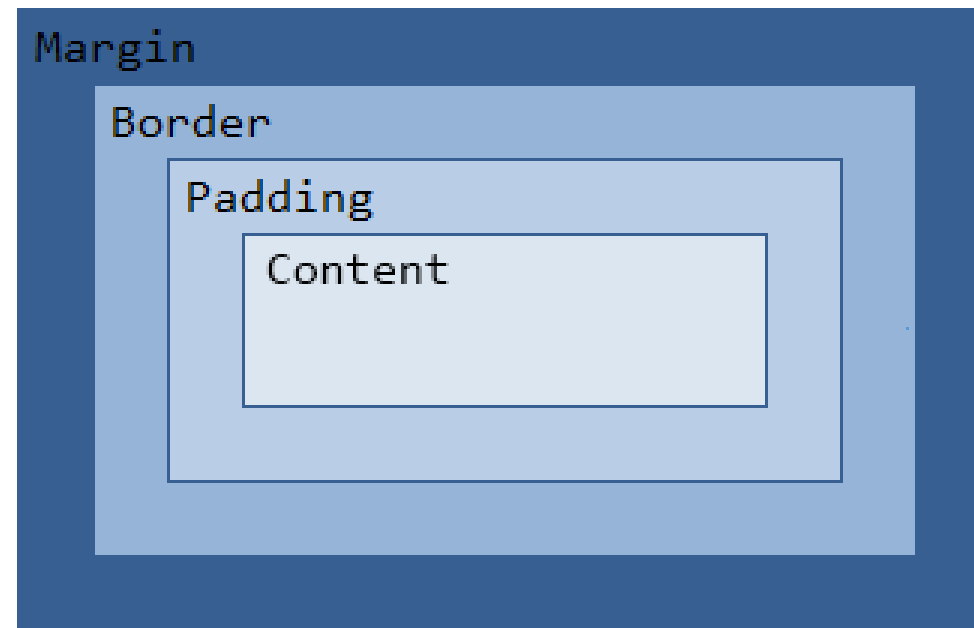
```
<style>
  .levo {
    text-align: left;
  }

  .desno {
    text-align: right;
  }

  .centrirano {
    text-align: center;
  }
</style>
```

CSS Box model

- Box model tretira html elemenat kao kolekciju od 4 koncentrična pravougaonika koji prdstavljaji sadržaj, padding, granice i margine elementa



CSS Box model-2

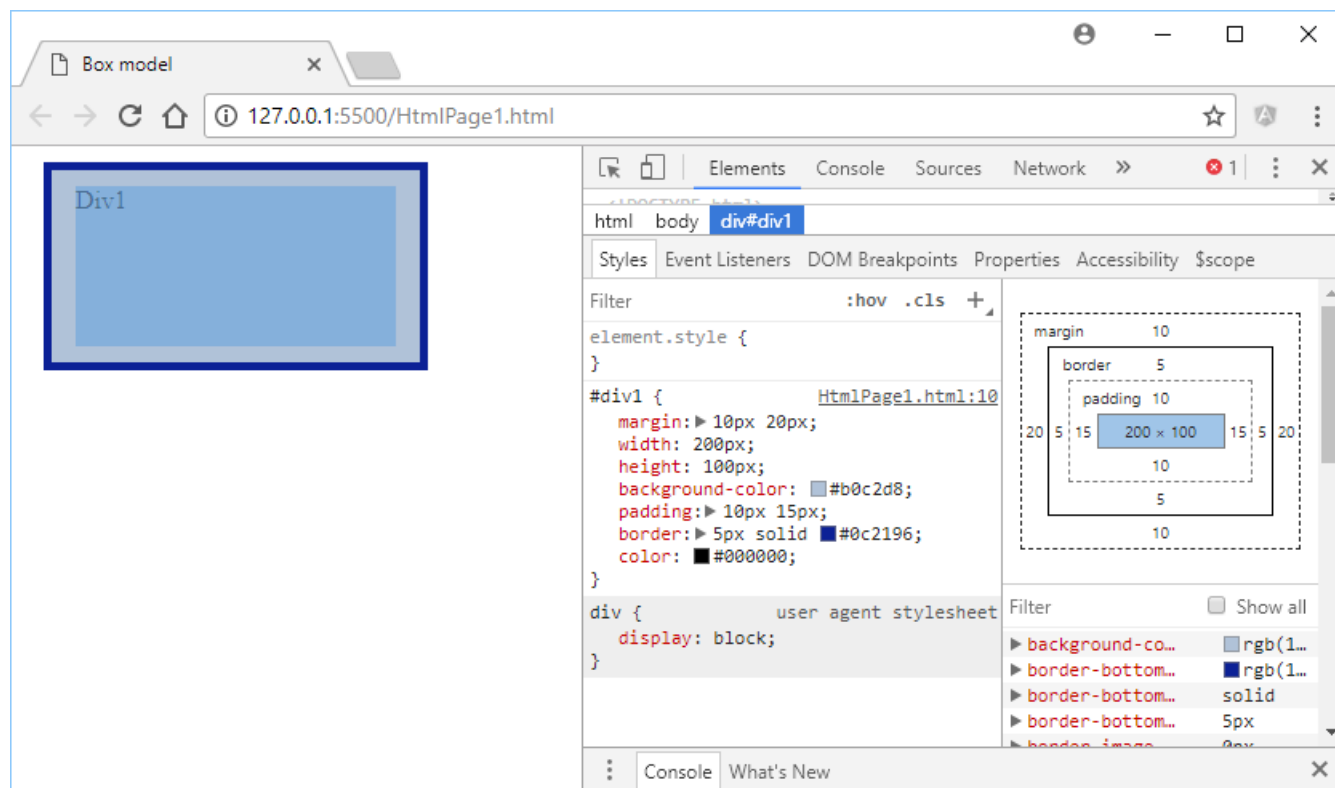
- Svojstva **height** i **width** definišu visinu i širinu sadržaja elementa u pikselima
- Širina i visina padding pravougonaika definišu se svojstvom **padding**
- Border pravougaonik definiše se svojstvom **border** kojim se setuje širina pravougaonika, boja i stil
- Svojstva padding i border su složena svojstva

Definisanje box-a

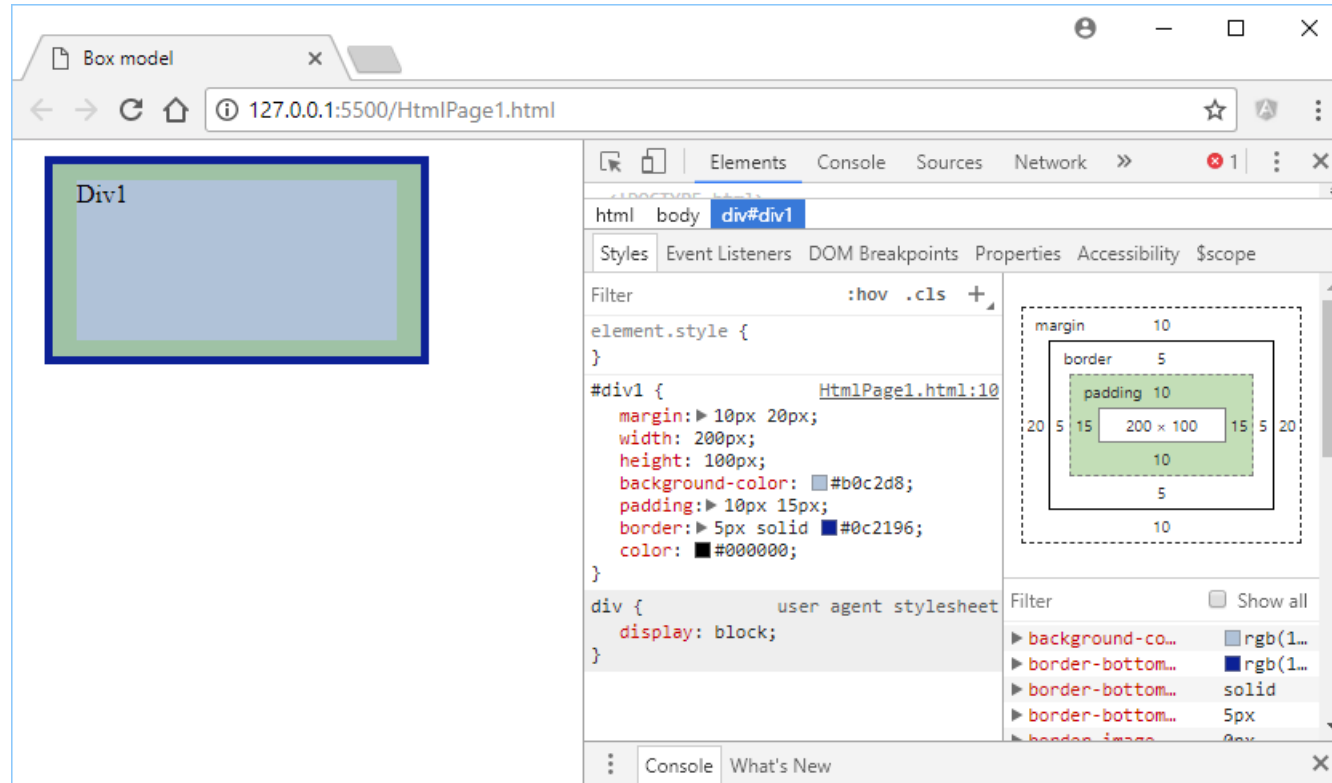
```
<style>
  body{
    margin:0px;
  }
  #div1{
    /*gornja desna donja leva margina*/
    margin: 10px 20px;
    width:200px;
    height:100px;
    background-color:#b0c2d8;
    padding:10px 15px;
    border: 5px solid #0c2196;
    color:#000000;
  }
</style>
```

```
<body>
  <div id="div1">
    Div1
  </div>
</body>
```

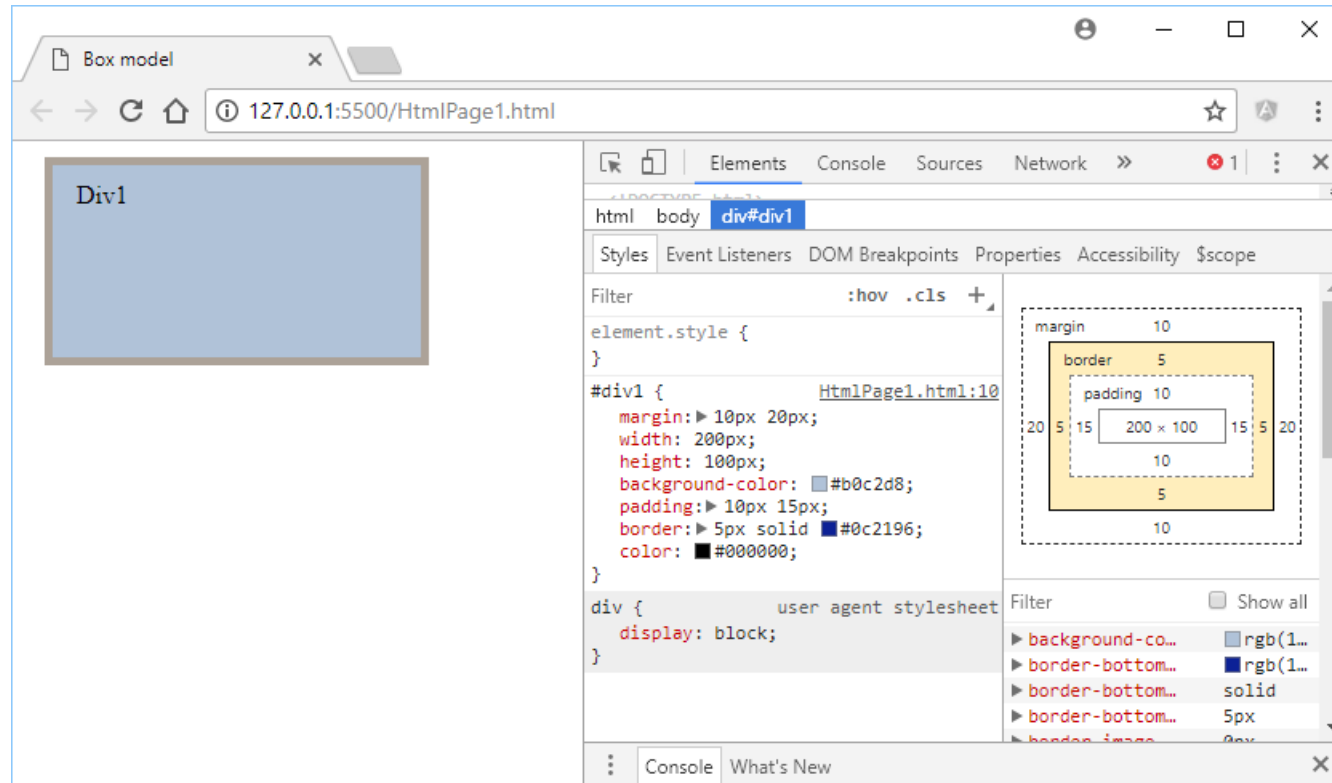
Sadržaj elementa



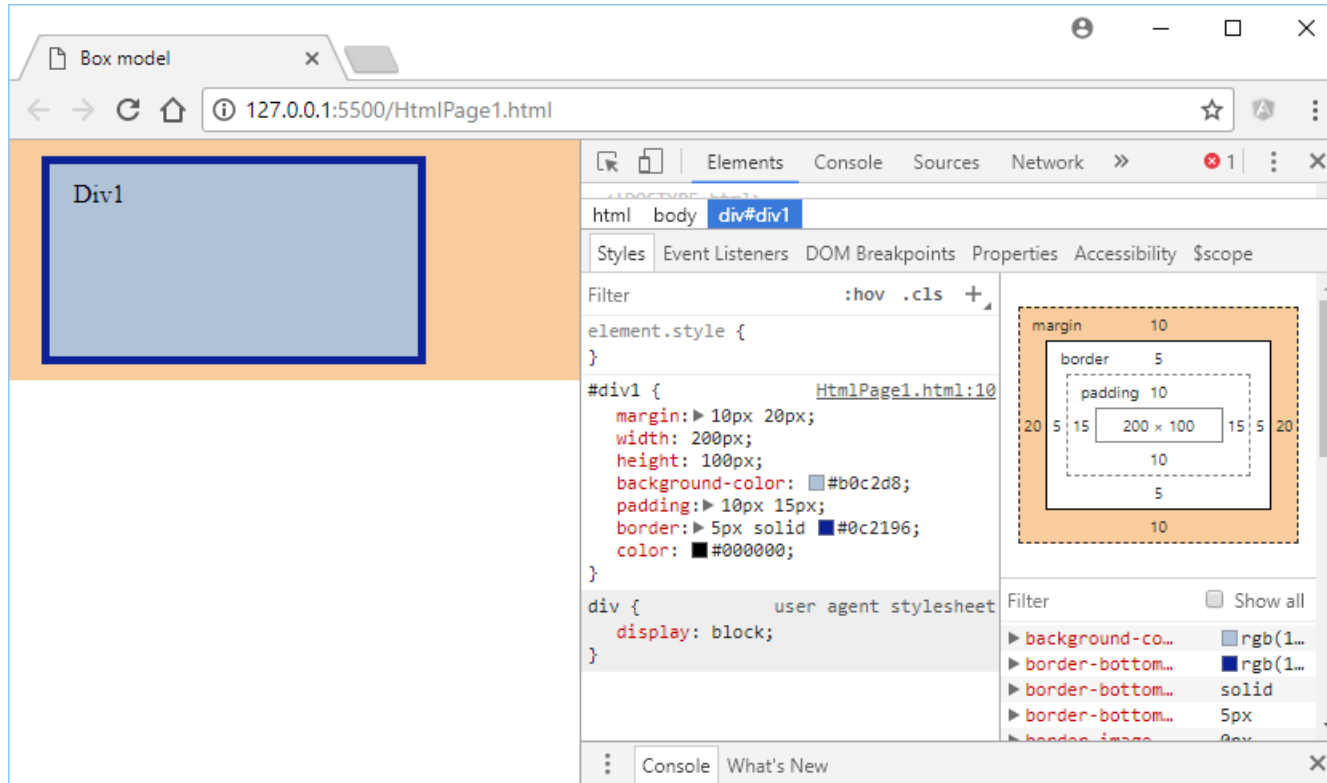
Padding elementa



Border elementa



Margine elementa



Zauzet prostor od strane elementa

```
<style>
  p.p1{
    width:250px;
    height:30px;
    padding:10px;
    border:5px solid red;
    margin:20px;
  }
</style>
```

250px (sirina)
+ 20px (levi i desni padding)
+ 10px (levi i desni border)
+ 40px (leva i desna margina)
= 320px

