

Tehnička škola Čakovec

Programiranje za Internet

Za internu upotrebu u školi

RJEŠENJA

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Respozivne web stranice sa Flexbox

Zadatak 1 R:



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="stil.css" />
    <meta charset="utf-8">
  </head>

  <body>
    <header>Header</header>
    <div id="mainID">
      <aside>Aside</aside>
      <div id="slaveID">
        <article>Article</article>
        <nav>Nav</nav>
      </div>
    </div>
  </body>
</html>
```

```
* { /* selects all elements */
  box-sizing: border-box;
}
body {
  display: flex;
  flex-direction: column;
  margin: 0;
}
header {
  background-color: rgb(100, 156, 240);
  height: 18vh;
  margin: 1vh 1vw 1vh 1vw;
}
#mainID {
  display: flex;
  flex-direction: row;
  min-height: 78vh;
}
#slaveID {
  display: flex;
  flex-direction: row;
}
aside {
  width: 18vw;
  background-color: rgb(14, 202, 39);
  margin: 1vh 1vw 1vh 1vw;
}
article {
  width: 58vw;
  background-color: rgb(241, 50, 50);
  margin: 1vh 1vw 1vh 1vw;
}
nav {
  width: 18vw;
  background-color: rgb(243, 240, 76);
  margin: 1vh 1vw 1vh 1vw;
}

@media (max-width: 800px) {
  #mainID {
    flex-direction: column;
    height: 78vh;
  }
  #slaveID {
    flex-direction: row;
    height: 78vh;
  }
  aside {
    width: 98vw;
    height: 25vh;
  }
  article {
    width: 58vw;
  }
  nav {
    width: 38vw;
  }
}

@media (max-width: 500px) {
  #mainID {
    flex-direction: column;
  }
  #slaveID {
    flex-direction: column;
  }
  aside {
    width: 98vw;
    min-height: 20vh;
  }
  article {
    width: 98vw;
    height: 70vh;
  }
  nav {
    width: 98vw;
    height: 60vh;
  }
}
```


Zadatok 2 R:



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="stil.css" />
    <meta charset="utf-8">
  </head>

  <body>
    <header>Header</header>
    <div id="mainID">
      <article>Article</article>
      <div id="slaveID">
        <aside>Aside</aside>
        <nav>Nav</nav>
      </div>
    </div>
  </body>
</html>
```

```
* { /* selects all elements */
  box-sizing: border-box;
}
body {
  display: flex;
  flex-direction: column;
  margin: 0;
}
header {
  background-color: rgb(100, 156, 240);
  height: 18vh;
  margin: 1vh 1vw 1vh 1vw;
}
#mainID {
  display: flex;
  flex-direction: row;
  height: 80vh;
}
#slaveID {
  display: flex;
  flex-direction: column;
}
article {
  width: 48vw;
  background-color: rgb(241, 50, 50);
  margin: 1vh 1vw 1vh 1vw;
}
nav {
  width: 48vw;
  height: 38vh;
  background-color: rgb(243, 240, 76);
  margin: 1vh 1vw 1vh 1vw;
}
aside {
  width: 48vw;
  height: 38vh;
  background-color: rgb(14, 202, 39);
  margin: 1vh 1vw 1vh 1vw;
}

@media (max-width: 800px) {
  #mainID {
    flex-direction: column;
    height: 78vh;
  }
  #slaveID {
    flex-direction: row;
    height: 78vh;
  }
  article {
    width: 98vw;
    height: 45vh;
  }
  aside {
    width: 48vw;
    height: 45vh;
  }
  nav {
    width: 48vw;
    height: 45vh;
  }
}

@media (max-width: 500px) {
  #mainID {
    flex-direction: column;
  }
  #slaveID {
    flex-direction: column;
  }
  article {
    width: 98vw;
    height: 70vh;
    min-height: 20vh;
  }
  aside {
    width: 98vw;
    min-height: 20vh;
  }
  nav {
    width: 98vw;
    height: 60vh;
  }
}
```

Zadatak 3 R:




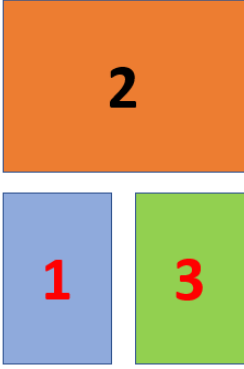
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="stil.css" />
    <meta charset="utf-8">
  </head>

  <body>
    <div id="divHeader">
      <header id="headerID1">Header1</header>
      <header id="headerID2">Header2</header>
    </div>
    <nav>Nav</nav>
    <div id="mainID">
      <div id="slaveID1">
        <article>Article 1</article>
        <article>Article 2</article>
      </div>
      <div id="slaveID2">
        <article>Article 3</article>
        <article>Article 4</article>
      </div>
    </div>
  </body>
</html>
```

```
* { /* selects all elements */
  box-sizing: border-box;
}
body {
  display: flex;
  flex-direction: column;
  margin: 0;
}
#divHeader {
  display: flex;
  flex-direction: row;
  margin: 0;
}
#headerID1 {
  width: 28vw;
  background-color: rgb(36, 84, 156);
  height: 18vh;
  margin: 1vh 1vw 1vh 1vw;
}
#headerID2 {
  width: 68vw;
  background-color: rgb(125, 170, 238);
  height: 18vh;
  margin: 1vh 1vw 1vh 1vw;
}
nav {
  width: 98vw;
  height: 28vh;
  background-color: rgb(241, 194, 90);
  margin: 1vh 1vw 1vh 1vw;
}
#mainID {
  display: flex;
  flex-direction: row;
  height: 80vh;
}
#slaveID1, #slaveID2 {
  display: flex;
  flex-direction: row;
}
article {
  width: 23vw;
  height: 40vh;
  background-color: rgb(183, 219, 20);
  margin: 1vh 1vw 1vh 1vw;
}

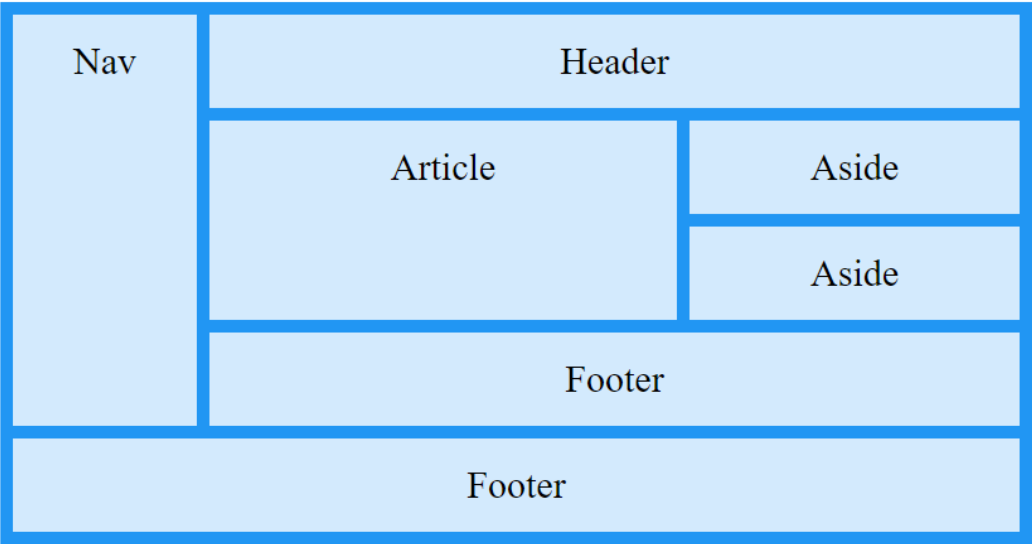
@media (max-width: 800px) {
  #mainID {
    flex-direction: column;
  }
  nav {
    width: 98vw;
    height: 25vh;
  }
  article {
    width: 98vw;
    height: 35vh;
  }
}

@media (max-width: 500px) {
  #divHeader {
    flex-direction: column;
  }
  #headerID1, #headerID2 {
    width: 98vw;
    margin: 1vh 1vw 1vh 1vw;
  }
  #mainID {
    flex-direction: column;
  }
  #slaveID1, #slaveID2 {
    flex-direction: column;
  }
  nav {
    width: 98vw;
    height: 25vh;
  }
  article {
    width: 98vw;
    height: 35vh;
  }
}
```

| | | |
|--|---|---|
| | | |
| <p>Zadatak 4 R:</p>  |  | <pre> * { /* selects all elements */ box-sizing: border-box; } body { display: flex; flex-direction: row; height: 100vh; margin: 0; } #asideID1 { width: 18vw; background-color: rgb(145, 214, 241); margin: 1vh 1vw 1vh 1vw; } #asideID3 { width: 18vw; background-color: rgb(18, 233, 47); margin: 1vh 1vw 1vh 1vw; } #articleID2 { width: 58vw; background-color: rgb(206, 154, 10); margin: 1vh 1vw 1vh 1vw; } @media (max-width: 500px) { body { flex-wrap: wrap; } #asideID1 { width: 48vw; order: 2; } #asideID3 { width: 48vw; order: 3; } #articleID2 { width: 98vw; order: 1; } } </pre> |
| <pre> <!DOCTYPE html> <html lang="en"> <head> <link rel="stylesheet" type="text/css" href="stil.css" /> <meta charset="utf-8"> </head> <body> <aside id="asideID1">1 - Aside</aside> <article id="articleID2">2 - Article</article> <aside id="asideID3">3 - Aside</aside> </body> </html> </pre> | | |

Grid

Zadatak 2 *R*:

| | |
|---|---|
|  | |
| <pre><!DOCTYPE html> <html> <head> <link rel="stylesheet" type="text/css" href="stil.css" /> </head> <body> <div class="grid-container"> <div class="item1">Nav</div> <div class="item2">Header</div> <div class="item3">Article</div> <div class="item4">Aside</div> <div class="item5">Aside</div> <div class="item6">Footer</div> <div class="item7">Footer</div> </div> </body> </html></pre> | <pre>.item1 { grid-area: nav; } .item2 { grid-area: header; } .item3 { grid-area: article; } .item4 { grid-area: aside1; } .item5 { grid-area: aside2; } .item6 { grid-area: footer1; } .item7 { grid-area: footer2; } .grid-container { display: grid; grid-template: 'nav header header header header header' 'nav article article article aside1 aside1' 'nav article article article aside2 aside2' 'nav footer1 footer1 footer1 footer1 footer1' 'footer2 footer2 footer2 footer2 footer2 footer2' ; grid-gap: 10px; background-color: #2196F3; padding: 10px; } .grid-container > div { background-color: rgba(255, 255, 255, 0.8); text-align: center; padding: 20px 0; font-size: 30px; }</pre> |

Responzivne web stranicie sa GRID

Zadatak 1 *R*:

```
* {
  box-sizing: border-box;
}
.row::after {
  content: "";
  clear: both;
  display: table;
}
```




```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="grid1zad.css" />
    <meta charset="UTF-8">
  </head>

  <body>
    <div class="col-12 col-s-12" style="background-color: blue;">
      <h1>Plava</h1>
    </div>
    <div class="row">
      <div class="col-3 col-s-12" style="background-color: green;">
        <h1 c>Zelena</h1>
      </div>
      <div class="col-6 col-s-6" style="background-color: red;">
        <h1>Crvena</h1>
      </div>
      <div class="col-3 col-s-6" style="background-color: orange;">
        <h1>Narančasta</h1>
      </div>
    </div>
  </body>
</html>
```

```
[class*="col-"] {
  float: left;
  padding: 15px;
}

/* For mobile phones: */
[class*="col-"] {
  width: 100%;
}

@media only screen and (min-width:
600px) {
  /* For tablets: */
  .col-s-1 {width: 8.33%;}
  .col-s-2 {width: 16.66%;}
  .col-s-3 {width: 25%;}
  .col-s-4 {width: 33.33%;}
  .col-s-5 {width: 41.66%;}
  .col-s-6 {width: 50%;}
  .col-s-7 {width: 58.33%;}
  .col-s-8 {width: 66.66%;}
  .col-s-9 {width: 75%;}
  .col-s-10 {width: 83.33%;}
  .col-s-11 {width: 91.66%;}
  .col-s-12 {width: 100%;}
}

@media only screen and (min-width:
768px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}
```

Zadatak 2 R:



```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="grid2zad.css" />
    <meta charset="UTF-8">
  </head>

  <body>
    <div class="grid-container">
      <div class="item1" style="background-color: blue;">
        <h1>1</h1>
      </div>
      <div class="item2" style="background-color: orange;">
        <h1>2</h1>
      </div>
      <div class="item3" style="background-color: greenyellow;">
        <h1>3</h1>
      </div>
      <div class="item4" style="background-color: red;">
        <h1>4</h1>
      </div>
    </div>
  </body>
</html>
```

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

.grid-container {
  display: grid;
  grid-gap: 10px;
  padding: 10px;
}

.grid-container > div {
  background-color: white;
  text-align: center;
  padding: 20px 0;
  font-size: 30px;
}

/* For mobile phones: */
.item1 {
  grid-column: 1;
  grid-row: 1;
}
.item2 {
  grid-column: 1;
  grid-row: 2;
}
.item3 {
  grid-column: 1;
  grid-row: 3;
}
.item4 {
  grid-column: 1;
  grid-row: 4;
}

@media only screen and (min-width: 600px) {
  /* For tablets: */
  .item1 {
    grid-column: 1 / span 2;
    grid-row: 1;
  }
  .item2 {
    grid-column: 1 / span 2;
    grid-row: 2 / span 2;
  }
  .item3 {
    grid-column: 1;
    grid-row: 4;
  }
  .item4 {
    grid-column: 2;
    grid-row: 4;
  }
}

@media only screen and (min-width: 768px) {
  /* For desktop: */
  .item1 {
    grid-column: 1 / span 2;
    grid-row: 1;
  }
  .item2 {
    grid-column: 1;
    grid-row: 2 / span 2;
  }
  .item3 {
    grid-column: 2;
    grid-row: 2;
  }
  .item4 {
    grid-column: 2;
    grid-row: 3;
  }
}
```

Zadatak 3 R:



```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="grid3zad.css" />
    <meta charset="UTF-8">
  </head>

  <body>
    <div class="row">
      <div>
        <div class="col-4 col-s-4" style="background-color: blue;">
          <h1>Plava 1</h1>
        </div>
        <div class="col-8 col-s-8" style="background-color: cyan;">
          <h1>Plava 2</h1>
        </div>
      </div>
      <div class="col-12 col-s-12" style="background-color: orange;">
        <h1>Narančasta</h1>
      </div>
      <div>
        <div class="col-3 col-s-6" style="background-color: lawngreen;">
          <h1 c>Zelena</h1>
        </div>
        <div class="col-3 col-s-6" style="background-color: lawngreen;">
          <h1 c>Zelena</h1>
        </div>
        <div class="col-3 col-s-6" style="background-color: lawngreen;">
          <h1 c>Zelena</h1>
        </div>
        <div class="col-3 col-s-6" style="background-color: lawngreen;">
          <h1 c>Zelena</h1>
        </div>
      </div>
    </div>
  </body>
</html>
```

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

.row::after {
  content: "";
  clear: both;
  display: table;
}

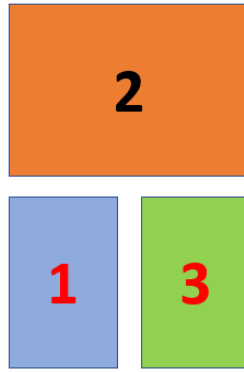
[class*="col-"] {
  float: left;
  padding: 15px;
}

/* For mobile phones: */
[class*="col-"] {
  width: 100%;
}

@media only screen and (min-width: 600px) {
  /* For tablets: */
  .col-s-1 {width: 8.33%;}
  .col-s-2 {width: 16.66%;}
  .col-s-3 {width: 25%;}
  .col-s-4 {width: 33.33%;}
  .col-s-5 {width: 41.66%;}
  .col-s-6 {width: 50%;}
  .col-s-7 {width: 58.33%;}
  .col-s-8 {width: 66.66%;}
  .col-s-9 {width: 75%;}
  .col-s-10 {width: 83.33%;}
  .col-s-11 {width: 91.66%;}
  .col-s-12 {width: 100%;}
}

@media only screen and (min-width: 768px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}
```

Zadatak 4 R:



```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="grid4zad.css" />
    <meta charset="UTF-8">
  </head>
  <body>
    <div class="grid-container">
      <div class="item1" style="background-color: blue;">
        <h1>1</h1>
      </div>
      <div class="item2" style="background-color: orange;">
        <h1>2</h1>
      </div>
      <div class="item3" style="background-color: greenyellow;">
        <h1>3</h1>
      </div>
    </div>
  </body>
</html>
```

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

.grid-container {
  display: grid;
  grid-gap: 10px;
  padding: 10px;
}

.grid-container > div {
  background-color: white;
  text-align: center;
  padding: 20px 0;
  font-size: 30px;
}

/* For mobile phones: */
.item1 {
  grid-column: 1 / span 1;
  grid-row: 2;
}
.item2 {
  grid-column: 1 / span 2;
  grid-row: 1;
}
.item3 {
  grid-column: 2 / span 1;
  grid-row: 2;
}

@media only screen and (min-width: 768px)
{
  /* For desktop: */
  .item1 {
    grid-column: 1 / span 1;
    grid-row: 1;
  }
  .item2 {
    grid-column: 2 / span 2;
    grid-row: 1;
  }
  .item3 {
    grid-column: 4 / span 1;
    grid-row: 1;
  }
}
```