HTML 05: RWD radne okoline

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Prilagodljive mrežne stranice

RWD radne okoline (frameworks)

- Bootstrap
- Foundation
- Materialize
- Semantic UI
- Pure.css
- Skeleton
- UI kit
- Milligram
- Bulma
- Tailwind
- Mini.css
- Base
- ….

Izvori:
https://opensourceforu.com/2019/01/exploring-the-best-frameworks-for-responsive-web-design/
https://catswhocode.com/css-frameworks/

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RWD mogućnosti

NIJE SAMO PRILAGODBA RAZLIČITIM ŠIRINAMA ZASLONA

tipografija
ikone
n-grid predložak dizajna (n=12, n=18, n=24,…)
javascript/jQuery dodaci
„carousels" – integrirane slike kao pozadinski sadržaj
modalni prozori
„hamburger" izbornici
stiliziranje tablica
„breadcrumbs" (mrvice kruha)
….

```html
<div class="grid-x">
  <div class="cell">full width cell</div>
  <div class="cell">full width cell</div>
</div>
<div class="grid-x">
  <div class="cell small-6">6 cells</div>
  <div class="cell small-6">6 cells</div>
</div>
<div class="grid-x">
  <div class="cell medium-6 large-4">12/6/4 cells</div>
  <div class="cell medium-6 large-8">12/6/8 cells</div>
</div>
```


Izvori:
https://www.themexpert.com/blog/top-5-responsive-css-framework
https://www.worldwebtechnology.com/20-best-responsive-web-design-frameworks/
https://foundation.zurb.com/sites/docs/xy-grid.html
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EDUNOVA
USTANOVA ZA OBRAZOVANJE ODRASLIH

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Foundation grid-x

```html
<link rel="stylesheet" href="css/foundation.css">
<link rel="stylesheet" href="css/app.css">


<div class="grid-container">
  <div class="grid-x">
    <div id="a" class="large-4 medium-6 cell">
      A
    </div>
    <div id="b" class="large-8 medium-6 cell">
      B
    </div>
    <div id="c" class="large-6 medium-12 cell">
      C
    </div>
    <div id="d" class="large-6 medium-12 cell">
      D
    </div>
  </div>
</div>
```
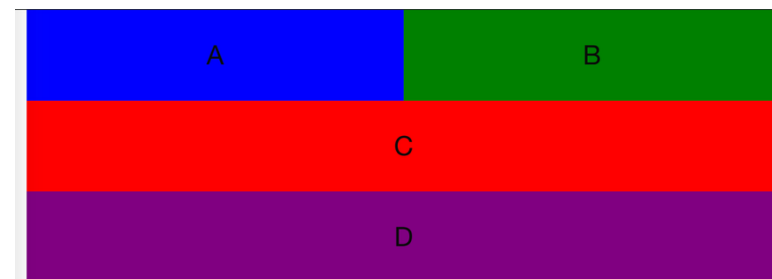
```css
div.cell{
    background-color: ☐rgb(226, 220, 220);
    padding: 30px;
    font-size: 2rem;
    text-align: center;
}


#a{background-color: ■blue;}
#b{background-color: ■green;}
#c{background-color: ■red;}
#d{background-color: ■purple;}
```
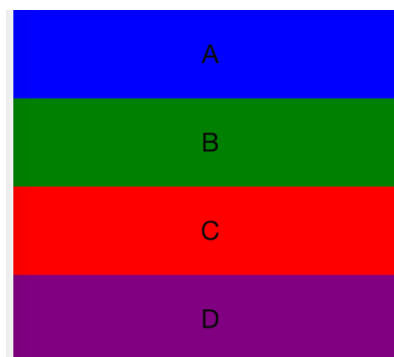
Large

Medium

Small

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Ikone

Problematika ikona:
Na različitim širinama zaslona prikaz ikona ima različitu veličinu.
Rasterska slika prilikom uvećanja gubi na kvaliteti (pikselizacija).

Rješenje: Vektorske ikone

CDN

```html
<script src="https://kit.fontawesome.com/2fb7f51423.js" crossorigin="anonymous"></script>
```

Izvori:
https://fontawesome.com/

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Ikone

```html
<!DOCTYPE html>
<html lang="hr">
<head>
    <meta charset="UTF-8">
    <title>OMS predavanje</title>
    <script src="https://kit.fontawesome.com/2fb7f51423.js" crossorigin="anonymous"></script>
</head>
<body>
    <i class="fas fa-camera fa-xs"></i><br />
    <i class="fas fa-camera fa-sm"></i><br />
    <i class="fas fa-camera fa-lg"></i><br />
    <i class="fas fa-camera fa-2x"></i><br />
    <i class="fas fa-camera fa-3x"></i><br />
    <i class="fas fa-camera fa-5x"></i><br />
    <i class="fas fa-camera fa-7x" style="background-color: gray;"></i><br />
    <i class="fas fa-camera fa-10x" style="color: red;"></i>
</body>
</html>
```
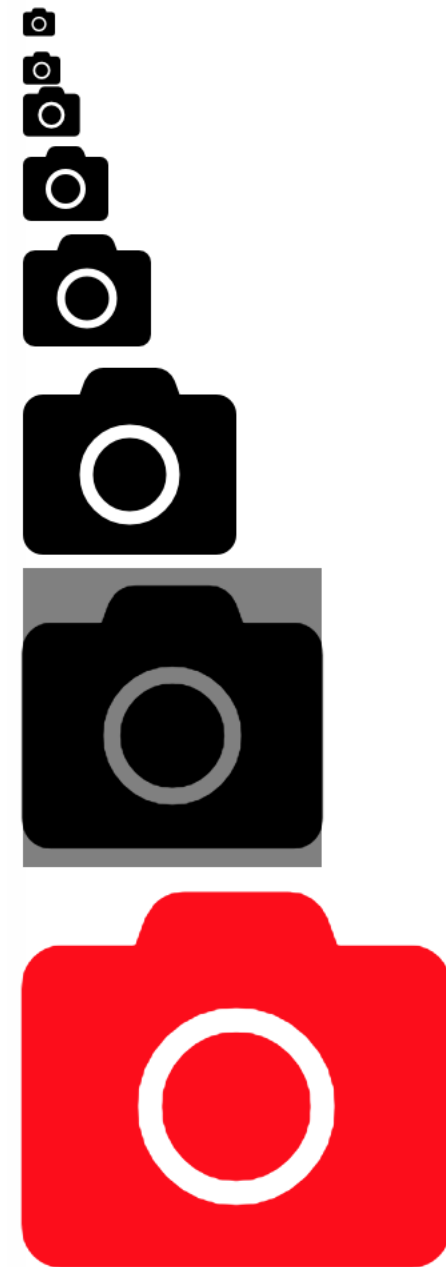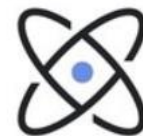
Izvori:

https://fontawesome.com/

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Prilagodljive mrežne stranice

Ikone

- Friconix
- IcoMoon
- Fontello
- Flaticon
- Icons8
- The Noun Project
- Nucleo

Izvori:
https://alternative.me/font-awesome

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Animacije

- Rive
- **Lottiefiles**
- Jitter
- Motion

```html
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Document</title>
7   </head>
8   <body>
9       <dotlottie-player
10      src="https://lottie.host/28dea459-2c96-4dfb-9648-507afcc4a84b/zHoPTCaFjy.json"
11      background="transparent" speed="1" style="width: 300px; height: 300px;"
12      loop autoplay></dotlottie-player>
13      <script src="https://unpkg.com/@dotlottie/player-component@latest/dist/dotlottie-player.mjs"
14      type="module"></script>
15  </body>
16  </html>
```

Izvori:

https://www.producthunt.com/products/lottiefiles/alternatives

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