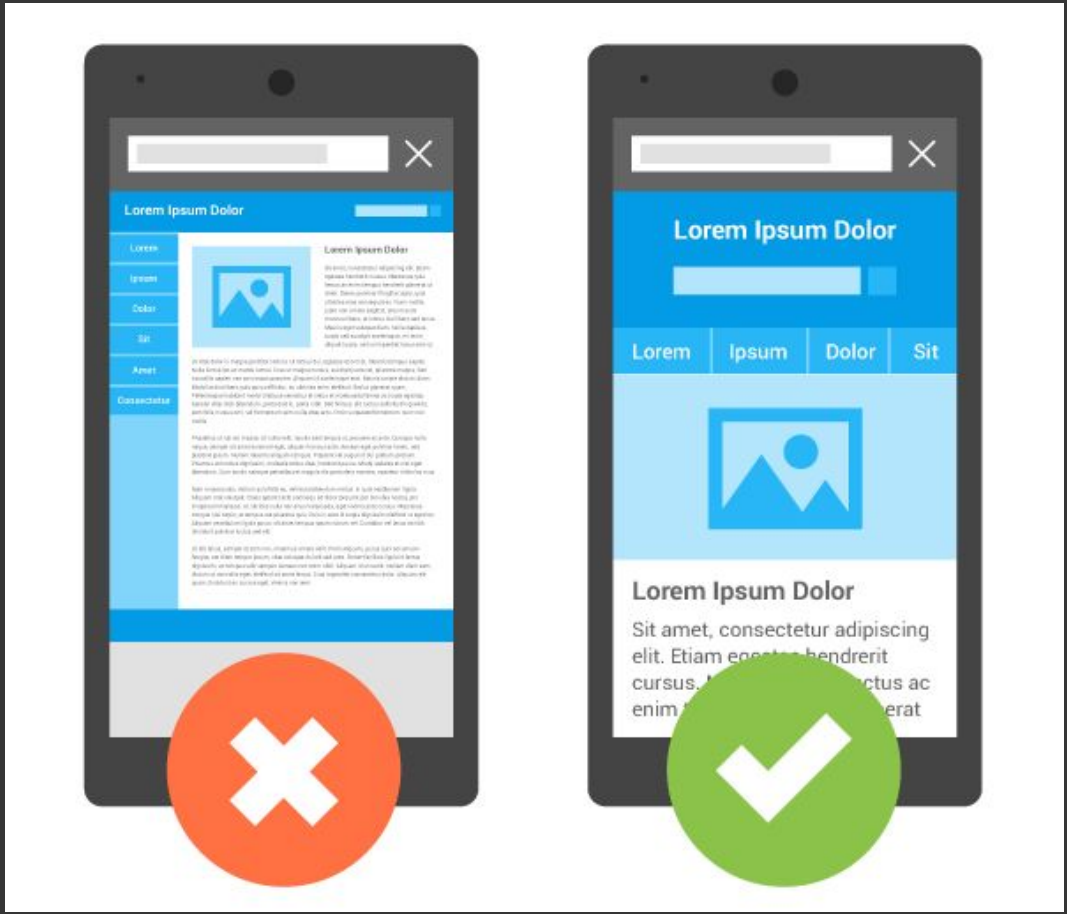
{LET'S CODE}

Coding Academy

by Anastasiia Miroshnichenko

Twitter: @AnastasiiaaaaM
GitHub: https://github.com/AnastasiiaaaaM/Lets-s-Code

5. Mobile First!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Responsive VS Adaptive

- Responsive and Adaptive web design makes your web page look good on all devices.
- Responsive web design uses only HTML and CSS.
- Adaptive web design is a program or a JavaScript.

Why First Mobile?

STAFFANSTORP
Framtidens kommun
Unicefs ambassadör Mark Levengood kommer till Hagalidskolan i höst
Dina politiker prövar nya vägar
Allsångskvällar i sommar

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Allsångskvällar i sommar
Framgångarna fortsätter för Staffanstorps Judoklubb

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Dina politiker prövar nya vägar

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Amazing Responsive Business Template
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OUR WORK
WHAT WE DO
LATEST NEWS
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LATEST NEWS
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Amazing Responsive Business Template

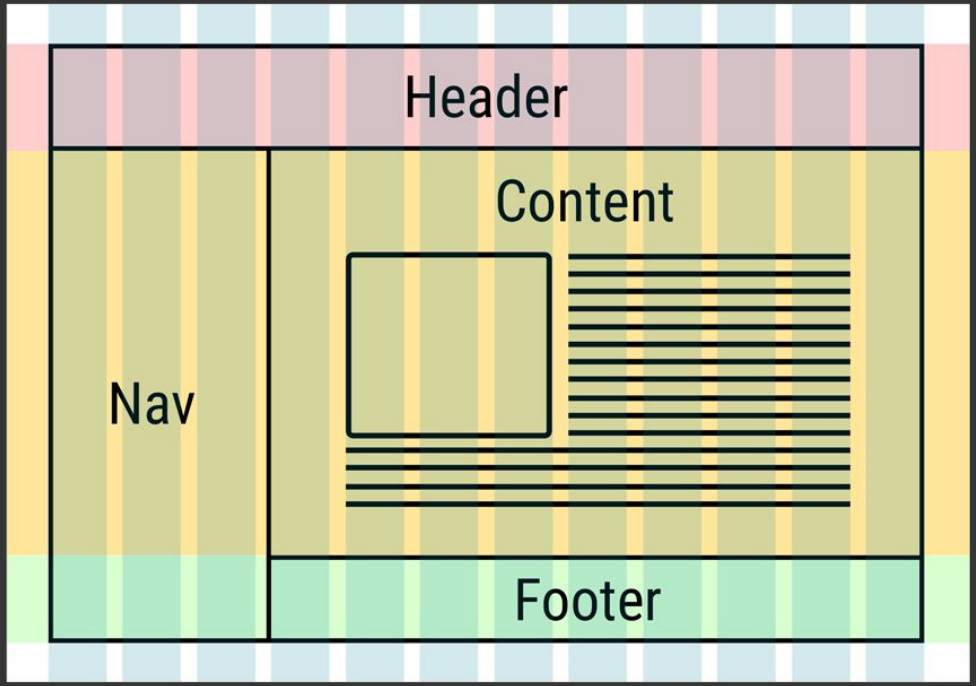
Viewport (https://www.w3schools.com/css/css_rwd_viewport.asp)

- Visible area of the browser window.
- Meta tag that tells the browser that you in fact don’t want the browser to simulate a desktop browser experience.

```
<meta name="viewport"
content="width=device-width, initial-scale=1.0">
```

Grid (https://www.w3schools.com/css/css_rwd_grid.asp)

A responsive grid-view often has 12 columns, and has a total width of 100%, and will shrink and expand as you resize the browser window.



Use %, not PX!

Pixel is a static measurement, while percent and EM are relative measurements. The size of an EM or percent depends on its parent. If the text size of body is 16 pixels, then 150% or 1.5 EM will be 24 pixels (1.5 * 16).

(https://www.w3schools.com/cssref/css_pxtoemconversion.asp)

Media Query

(https://www.w3schools.com/css/css_rwd_mediaqueries.asp)

```
@media only screen and (max-width: 600px) {
  body {
    background-color: lightblue;
  }
}

@media print { ... }
```

HTML 5 (https://www.w3schools.com/html/html5_intro.asp)

New **semantic elements** like <header>, <footer>, <article>, and <section>.
New **attributes of form elements** like number, date, time, calendar, and range.
New **graphic elements**: <svg> and <canvas>.
New **multimedia elements**: <audio> and <video>.

CSS. Pseudo-class

(https://www.w3schools.com/css/css_pseudo_classes.asp)

A pseudo-class is used to define a special state of an element.

```
a:hover {
  color: #FF00FF;
}
p:first-child {
  background: blue;
}
```

:hover
:active
:visited

:focus

:checked

:first-child
:last-child
:nth-child(n)

:not(selector)

CSS. Pseudo-elements

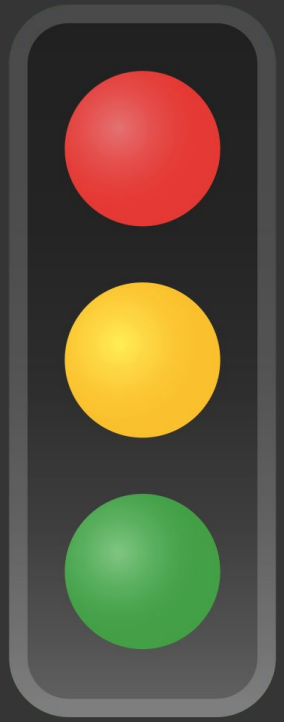
(https://www.w3schools.com/css/css_pseudo_elements.asp)

A pseudo-element is used to style specified parts of an element.

```
div{
  position: relative;
}
div::before {
  content: "";
  display: block;
  position: absolute;
  top: 0;
  left: 0;
}
```

```
div::after {
  content: "";
  display: block;
  position: absolute;
  top: 0;
  right: 0;
}
```

Live Coding



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The End.

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