Topic/Title: The Bootstrap Carousel Part 1

The Bootstrap Carousel Part 2

Keywords/Questions:

border-radius:100%;

Alt+mouse cursor

Ctrl+Alt+mouse cursor

Carousel

data-bs-interval="5000"

data-bs-pause="hover"

data-bs-ride="carousel"

data-bs-ride="false"

class="carousel slide"

class="carousel"

<a> can replace <button>

<div class=carousel-item">

class="carousel-item active"

class="carousel-control-prev"

data-bs-slide="prev"

class="carousel-control-prev-icon"

aria-hidden="true"

class="visually-hidden"

Notes:

border-radius:100%; :-used to make our image a circle.

-it curves the border and makes it a circle.

Alt+ mouse cursor click and drag:- if you have consecutive lines you can drag the cursor on all the lines and write the same thing on every line.

-good for naming classes.

Ctrl+Alt+mouse cursor:- you can do the above for both nonconsecutive and consecutive lines.

Carousel:-is used to create a slideshow

-we can get codes for it from getbootstrap.com>docs>components>carousel

-there are different ones but this is the one Angela liked:

-we can go to getbootstrap.com and copy and edit the codes in whatever way we want.

Summary:

border-radius:100%:-creates a circle

Alt+Mouse cursor:-allows writing the same thing on consecutive lines

Ctrl+Alt+Mouse: allows writing same thing on both consecutive or non-consecutive lines: for all d/f lines

Carousel:-used to create a slide show.

data-bs-interval="1000":- works in miliseconds controls time for each slideshow. default is "5000"=5 seconds

data-bs-pause='hover' :-pauses slide show when we hover over

More Summary

data-bs-ride="false":-stops autoplay

data-bs-ride="carousel":-strats autoplay

class="carousel slide":-allows sliding when moving from one slide to the next slide

class="carousel":- doesn't allow sliding during transition between different slides.

<a> can be used instead of <button>. To do this, we need to replace type="button" by role="button".

: contains all the carousel-item divs.

:-contains each slideshow elements.

:- the slide show item that is first seen when we load the page.

<button class="carousel-control-prev"....> :-controls left button

<button class="carousel-control-next"....> :-controls right button

data-bs-slide="prev"

-used to indicate that the button moves the slide show to the left.

-used with the <button> element.

data-bs-slide="next"

-used to indicate that the button moves the slide show to the right.

-used with the <button> element.

class="carousel-control-prev-icon":-creates the icon that lets us move to the left.

class="carousel-control-next-icon":-creates the icon that lets us move to the right.

aria-hidden="true":-indicates the element won't be read by a screen reader for the blind, but visible to the eye

class="visually-hidden"

-used to indicate an element that won't be seen to our eyes but will be read by a screen reader for the visually impaired

-Applying padding to a single carousel-item alone might be better than applying it to the whole section including the buttons, if we wanna get more space between the buttons and text

```
<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
  <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Next</span>
</button>
```

More Notes

-Carousel Settings:

-Go to getbootstrap.com>docs>components>Carousel>Options

-data-bs-interval="5000"

-means it will stay 5seconds before it slides to the next slide show page.

-we can just add it to the first line of our carousel code like this:

```
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel" data-bs-target=2000>
```

-data-bs-pause='hover'

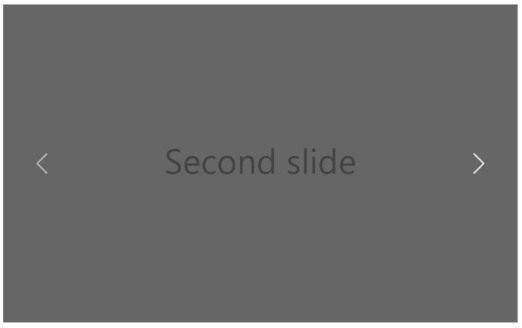
-means it will pause when we hover over the slide.

-it can be added like the above.

-If we change **class="carousel slide"** to **class="carousel"** in the first line of the carousel code, it will stop sliding when moving to the next image. It will just change to the next image without the sliding effect.

```
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
  <div class="carousel-inner">
    <div class="carousel-item">
      <img src="..." class="d-block w-100" alt="first-slide"  style="background-color: red;">
    </div>
    <div class="carousel-item active">
      <img src="..." class="d-block w-100" alt="second-slide" style="background-color: yellow;">
    </div>
    <div class="carousel-item">
      <img src="..." class="d-block w-100" alt="third-slide" style="background-color: blue;">
    </div>
  </div>
  <a class="carousel-control-prev" role="button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Previous</span>
  </a>
  <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="visually-hidden">Next</span>
  </button>
</div>
```

-the button href and the parent's div id should be the same to allow the buttons to control the slide show



Carousel Setting Continued:

-data-bs-ride:false;

-it means it doesn't auto-play unless you touch the buttons.

-added to our code in the same way as data-bs-target.

-

-parent container for the carousel items.

-

-the item with the keyword "active" will be the first to appear when we load the page.

-at-least one carousel item should have the keyword active.

-<button class="carousel-control-prev" .....>

-controls the left button

```
<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Previous</span>
</button>
```

-<button class="carousel-control-next" .....>

-controls the right button

```
<button class="carousel-control-next" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
  <span class="carousel-control-next-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Next</span>
</button>
```

-You can use an <a> tag instead of <button>. To do this, you should:

1)change <button> to <a>

2)change type="button" to role="button"

3)change data-bs-target to href (this is an optional step, it doesn't have any effect, they are both interchangeable)

```
<a class="carousel-control-prev" role="button" href="#carouselExampleControls" data-bs-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Previous</span>
</a>
```

```
<button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
  <span class="carousel-control-prev-icon" aria-hidden="true"></span>
  <span class="visually-hidden">Previous</span>
</button>
```

-both codes have the same function they serve as a slide show button, the first one is with an anchor tag and the second one is with a button.

Carousel Settings Continued:

-class="carousel-control-prev-icon"

-creates the icon that lets us move left

-written as `<span class="carousel-control-prev-icon" aria-hidden="true"></span>`

-its right side equivalent is class="carousel-control-next-icon"

-aria-hidden="true"

-aria-hidden basically means that when a visually impaired person comes across your web site, they usually have something called a screen reader which goes through the web site and reads what is on there so they can hear what we can see. Now for things like buttons you don't really want the screen reader to read out left button, right button, or, you know, previous button, next button. So you have this thing called aria-hidden, which basically means, make the screen reader skip over this button span so that the visually impaired person doesn't have to listen to what all the buttons are. And this goes towards, you know, making your web site more accessible and friendly to people with disabilities.

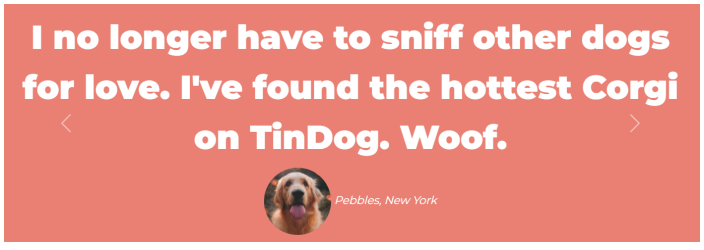
-class="visually-hidden"

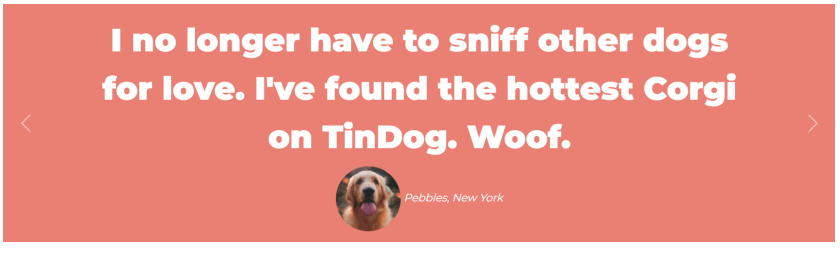
-used to include what we want the screen reader of a visually impaired person to read.

-written as `<span class="visually-hidden">Previous</span>`

-the screen reader would say "Previous" when it sees the button. but the element won't be visible to our eyes.

-Applying padding to a single carousel-item alone might be better than applying it to the whole section including the buttons, if we wanna get more space between the buttons and text






```
#testimonials {
  padding:7% 15%;
  text-align:center;
  background-color: #ef8172;
  color:#fff;
}
```

```
.carousel-item{

}
```

```
<section id="testimonials">
  <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel" data-bs-target=2000 >
    <div class="carousel-inner">
        <div class="carousel-item">
          <h2>I no longer have to sniff other dogs for love. I've found the hottest Corgi on TinDog. Woof.</h2>
          <img class="testimonial-image" src="images/dog-img.jpg" alt="dog-profile">
          <em>Pebbles, New York</em>
        </div>
        <div class="carousel-item active">
          <h2 class="testimonial-text">My dog used to be so lonely, but with TinDog's help, they've found the love of their life. I think.</h2>
          <img class="testimonial-image" src="images/lady-img.jpg" alt="lady-profile">
          <em>Beverly, Illinois</em>
        </div>
    </div>
    <a class="carousel-control-prev" role="button" data-bs-target="#carouselExampleControls" data-bs-slide="prev">
      <span class="carousel-control-prev-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Previous</span>
    </a>
    <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleControls" data-bs-slide="next">
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
      <span class="visually-hidden">Next</span>
    </button>
  </div>
```

```
#testimonials {
  text-align:center;
  background-color: #ef8172;
  color:#fff;
}
```

```
.carousel-item{
  padding:7% 15%;
}
```