

Plugins

1. Explain what is the use of Bootstrap Carousel plugin?

The Carousel plugin is used to add a slider to your site. It is useful in condition where you want to display huge amount of contents within a small space on the web pages. Some of the standard carousel includes

- .carousel (options)
- .carousel ('cycle')
- .carousel ('pause')
- .carousel ('number')
- .carousel ('prev')
- .carousel ('next')

2. How can one create an alert in Bootstrap?

Create a wrapper <div> and add a class of .alert and one of the contextual classes to create a basic alert (e.g., .alert-success, .alert-info, .alert-warning, .alert-danger, .alert-primary, .alert-secondary, .alert-light or .alert-dark).

Success! This alert box indicates a successful or positive action.

Info! This alert box indicates a neutral informative change or action.

Warning! This alert box indicates a warning that might need attention.

Danger! This alert box indicates a dangerous or potentially negative action.

Primary! This alert box indicates an important action.

Secondary! This alert box indicates a less important action.

Dark! Dark grey alert box.

Light! Light grey alert box.



3. What is a bootstrap card and how would you create one?

In Bootstrap 4, a card is a bordered box with padding surrounding its content. It has options for headers, footers, content, and colors, among other things.

```
<div class="card">
<div class="card-header">Header</div>
<div class="card-body">Body</div>
<div class="card-footer">Footer</div>
</div>
```

Header

Body

Footer



Another example:

```
<div class="card" style="width:400px">

<div class="card-body">
<h4 class="card-title">Richard Taylor</h4>
<p class="card-text">Some example text.</p>
<a href="#" class="btn btn-primary">See Profile</a>
</div>
</div>
```

4. In Bootstrap, what is a scrollspy?

It's an auto-updating nav component that allows you to grab sections of the page based on where you're scrolling. Based on the scroll position, the .active class will update from one nav item to the next.

5. How is tooltip different from popover?

When the user moves the mouse pointer over an element, the Tooltip component appears as a little pop-up box. The Popover component is a pop-up box that emerges when the user clicks on an element. The popover may hold a lot more information.

The popover will show on the right side of the element by default whereas the tooltip will show on the top of the element by default.

Bootstrap Tooltip Demo

A Tooltip with default direction

A Tooltip demo



Example Popover



This is an example of a Bootstrap Popover

The popover content can contain HTML markup

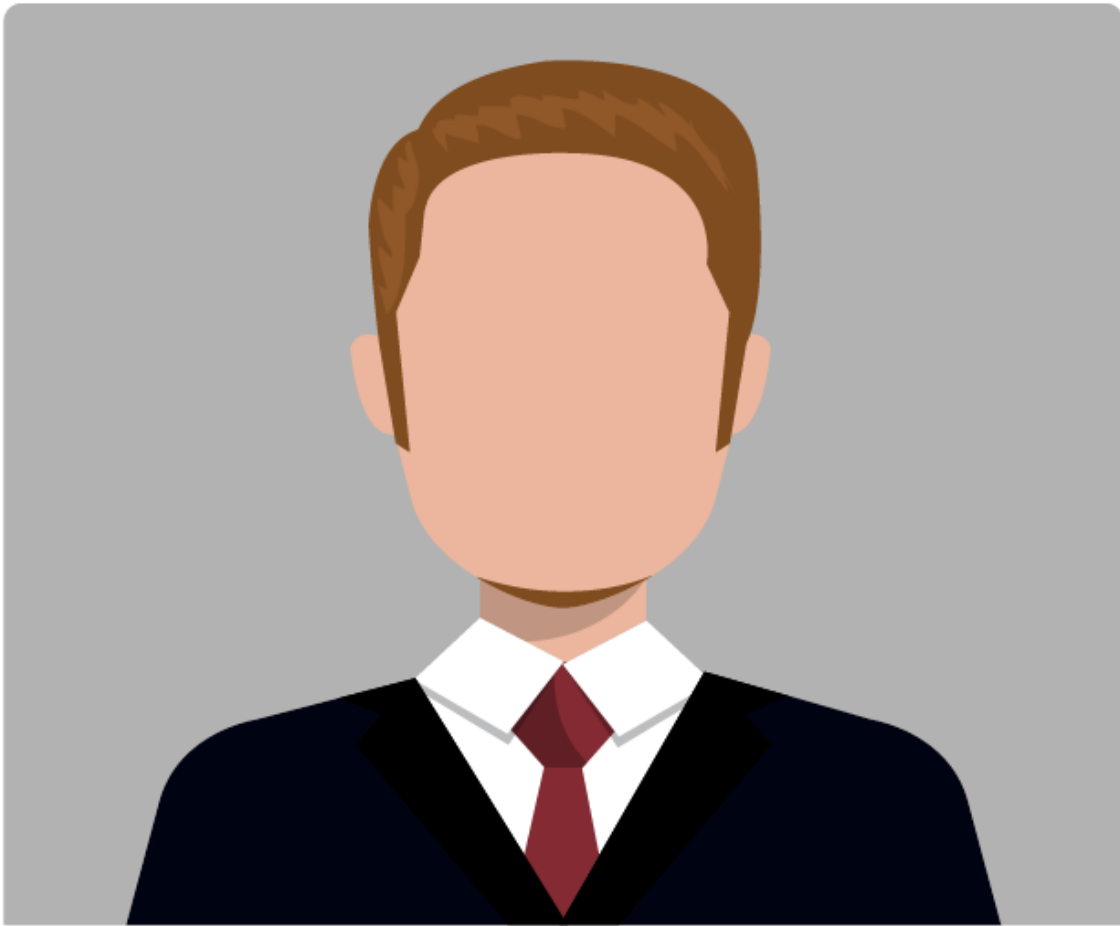


6. What classes can help you change the default settings of positioning a popover and closing a popover?

The popover will show on the right side of the element by default. To position the popover on the top, bottom, left, or right side of the element, use the data-placement attribute.

When you click on the element again, the popover closes by default. However, the data-trigger="focus" attribute can be used to close the popover when the user clicks outside the element.

Use the data-trigger attribute with the value "hover" if you want the popover to appear when you move the mouse cursor over the element



Richard Taylor

Some example text.

[See Profile](#)



InterviewBit

7. Write the HTML code to create a basic toast.

When something happens, the toast component acts as an alert box that only appears for a few seconds (i.e. when the user clicks on a button, submits a form, etc.).

```
<div class= "toast" >
<div class= "toast-header" >
  Toast Header
</div>
<div class="toast-body">
  Toast Body Text
</div>
</div>
```

8. How would you implement a carousel in bootstrap?

Here is an example with a detailed explanation:

```
<div id="myCarousel" class="carousel slide" data-ride="carousel">
<!-- Indicators -->
<ul class="carousel-indicators">
<li data-target="#myCarousel" data-slide-to="0" class="active"></li>
<li data-target="#myCarousel" data-slide-to="1"></li>
<li data-target="#myCarousel" data-slide-to="2"></li>
</ul>
<!-- Wrapper -->
<div class="carousel-inner">
<div class="carousel-item active">
<imgsrc="ap.jpg" alt="Apple">
<div class="carousel-caption">
<h3>APPLE</h3>
</div>
</div>

<div class="carousel-item">
<imgsrc="or.jpg" alt="Orange">
<div class="carousel-caption">
<h3>ORANGE</h3>
</div>
</div>

<div class="carousel-item">
<imgsrc="kw.jpg" alt="Kiwi">
<div class="carousel-caption">
<h3>KIWI</h3>
</div>
```

```

</div>
</div>

<!-- Left and Right Controls -->
<a class="carousel-control-prev" href="#myCarousel" data-slide="prev">
<span class="carousel-control-prev-icon"></span>
</a>
<a class="carousel-control-next" href="#myCarousel" data-slide="next">
<span class="carousel-control-next-icon"></span>
</a>
</div>

```

The outermost <div> is as follows:

- For carousel controls to work properly, they must have an id (in this case, id="myCarousel").
- This <div> has the class="carousel" to indicate that it contains a carousel.
- When a new item is displayed, the .slide class adds a CSS transition and animation effect that causes the objects to slide. If you don't want this effect, leave this class out.
- When the page loads, the data-ride="carousel" attribute tells Bootstrap to start animating the carousel right away.

The section on "Indicators" is as follows:

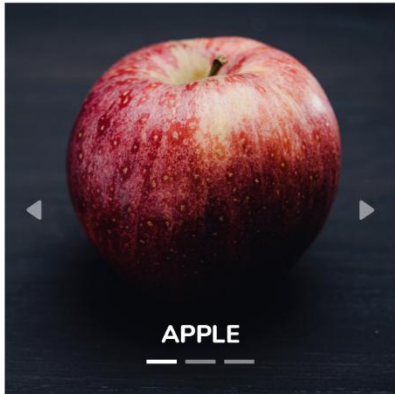
- Each slide's indicators are the small dots at the bottom (which indicates how many slides there are in the carousel, and which slide the user is currently viewing).
- With the class .carousel-indications, the indicators are supplied in an ordered list.
- The data-target attribute refers to the carousel's id.
- When a user clicks on a given dot, the data-slide-to attribute defines the slide they should go to.

The "Wrapper" section is as follows:

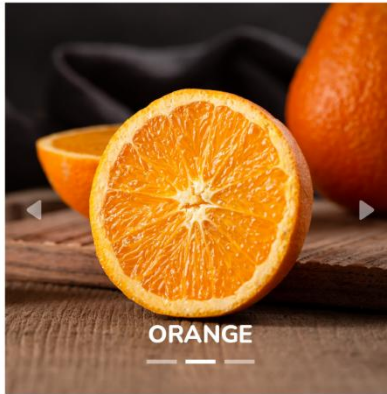
- A div with the class .carousel-inner specifies the slides.
- Each slide's content is defined by a div with the class .item. This can be in the form of text or visuals.
- One of the slides must have the .active class applied to it. The carousel will not be viewable otherwise.
- To generate a caption for each slide, a <div class="carousel-caption"> is added within each <div class="item">.

The section on "Left and Right Controls" is as follows:

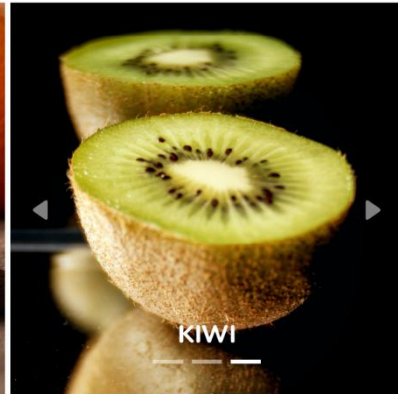
- This code adds "left" and "right" buttons, allowing the user to manually navigate between slides.
- The data-slide attribute takes the keywords "prev" or "next," which change the position of the slide in relation to its current location.



Slide 1



Slide 2



Slide 3