

Assignment #2 Study and integration of Bootstrap and jQuery.

- **Domain Name of Website:**

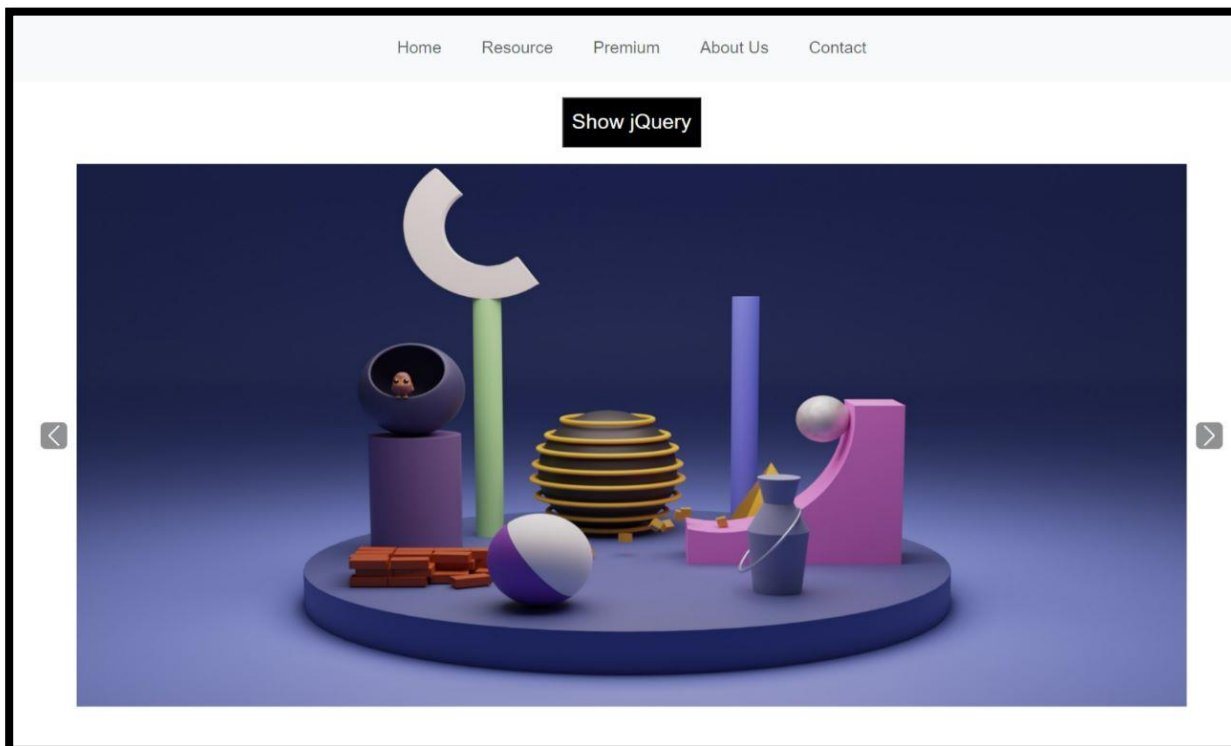
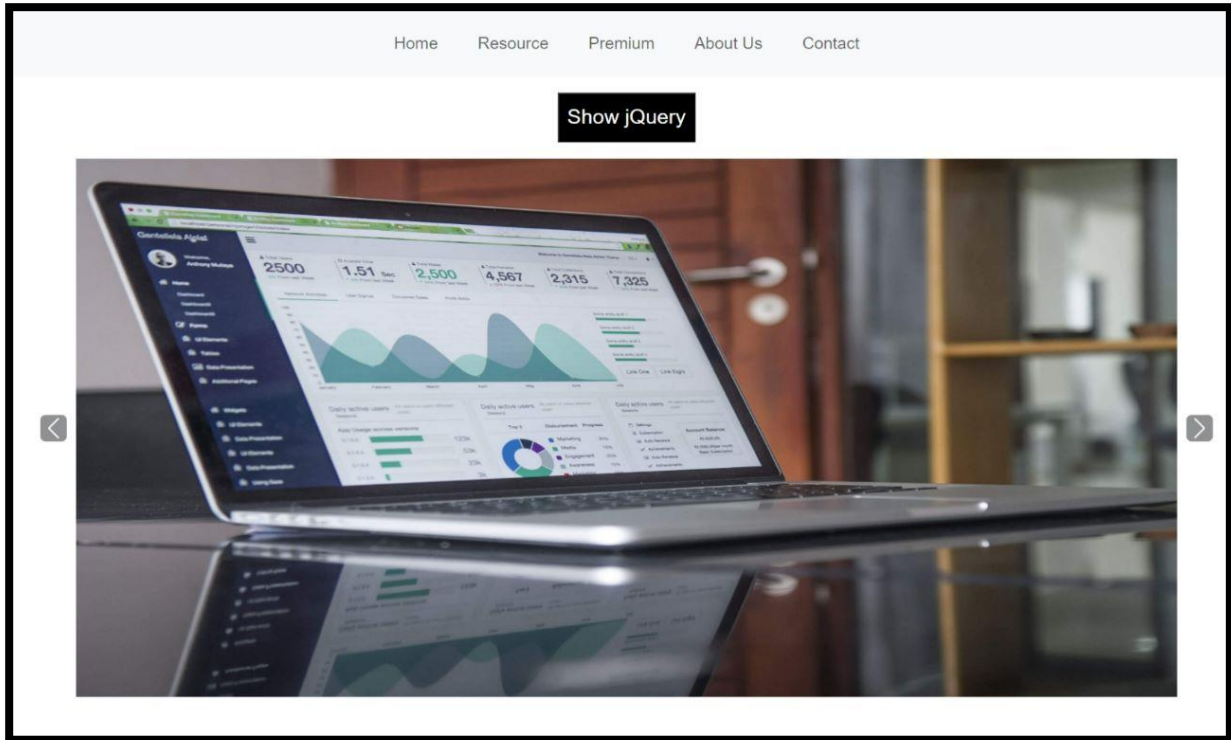
<https://sadigital.netlify.app/>

- **Digital Product Designing Tools and Templates Website:**

An intangible asset or piece of media that can be sold and disseminated frequently online without needing to restock inventories is referred to as a digital product. Basically, a digital product is anything that can be downloaded and used electronically.

Music, software, eBooks, courses, online services, and other items are examples of digital products. They can be purchased from physical stores or internet merchants. Digital products can be made by anyone with a computer and an internet connection. Customers and merchants can both benefit from digital products because they can be bought and downloaded right away.

The website is all about providing UI kits and templates and giving users a place to create various UI content and some digital items for their job or for their businesses. SA is attempting to create a popular website or platform where users can obtain various kits for their software and other digital goods in order to increase the accuracy and efficiency of the growth of their business. SA offers a variety of digital items, including UI kits, resources for Photoshop, and tools for creating icons and UI kits.



• **Bootstrap Modal Plugin:**

The Modal plugin is a dialog box/popup window that is displayed on top of the current page:

Plugins can be included individually (using Bootstrap's individual "modal.js" file), or all at once (using "bootstrap.js" or "bootstrap.min.js").

- Models are created using HTML, CSS, and JavaScript. They are placed above everything else in the document and disable scrolling so that modal content scrolls instead.
- Clicking on the modal's "backdrop" closes it automatically.
- Bootstrap only allows one modal window to be open at a time. We do not allow nested modals since we feel they provide bad user experiences.
- Modals utilize position: fixed, which can be a little picky about how it renders. Place your modal HTML towards the top of the page wherever feasible to avoid interference from other components. When nesting a modal within another fixed element, you will most certainly encounter problems.
- Once again, there are certain limitations to using modals on mobile devices owing to position: fixed. For further information, please see our browser support documentation. The autofocus HTML property has no impact in Bootstrap modals due to how HTML5 defines its semantics.

1. Initialization:

To use the Bootstrap Modal plugin, you need to include the necessary Bootstrap files (CSS and JavaScript) in your HTML document, as explained in the previous response. Once included, the modal functionality is automatically available for use.

2. Modal Markup Structure:

A modal is created using a combination of HTML markup and data attributes. The basic structure of a modal consists of a container, a header, a body, and an optional footer.

3. Carousel:

A slideshow component for cycling through elements—images or slides of text—like a carousel. The carousel is a slideshow for cycling through a series of content, built with CSS 3D transforms and a bit of JavaScript. It works with a series of images, text, or custom markup. It also includes support for previous/next controls and indicators.

4. Triggering the Modal:

You can use various methods to trigger the modal, such as a button click, a link, or programmatically through JavaScript. To associate an element with a modal, you need to set the data-toggle attribute to "modal" and specify the target modal's ID using the data-target attribute.

5. Modal Options and Behavior:

The Bootstrap Modal plugin provides several options and methods to control the behavior and appearance of the modal. You can customize the size, animation, backdrop, and more. These options can be specified as data attributes, JavaScript options, or through custom JavaScript code.

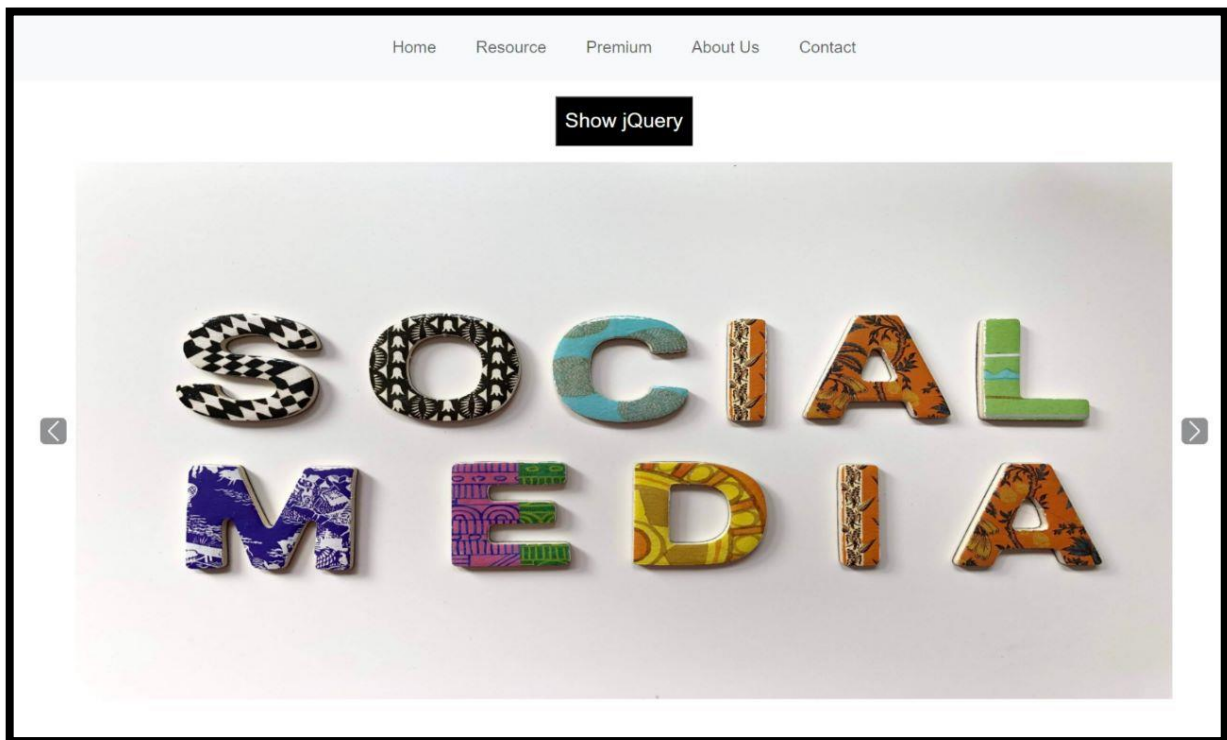
Slider using Bootstrap

The carousel is a slideshow that uses CSS 3D transforms and a little of JavaScript to cycle through a sequence of content. It may be used with a sequence of pictures, text, or custom markup. It also offers previous/next controls and indication support.

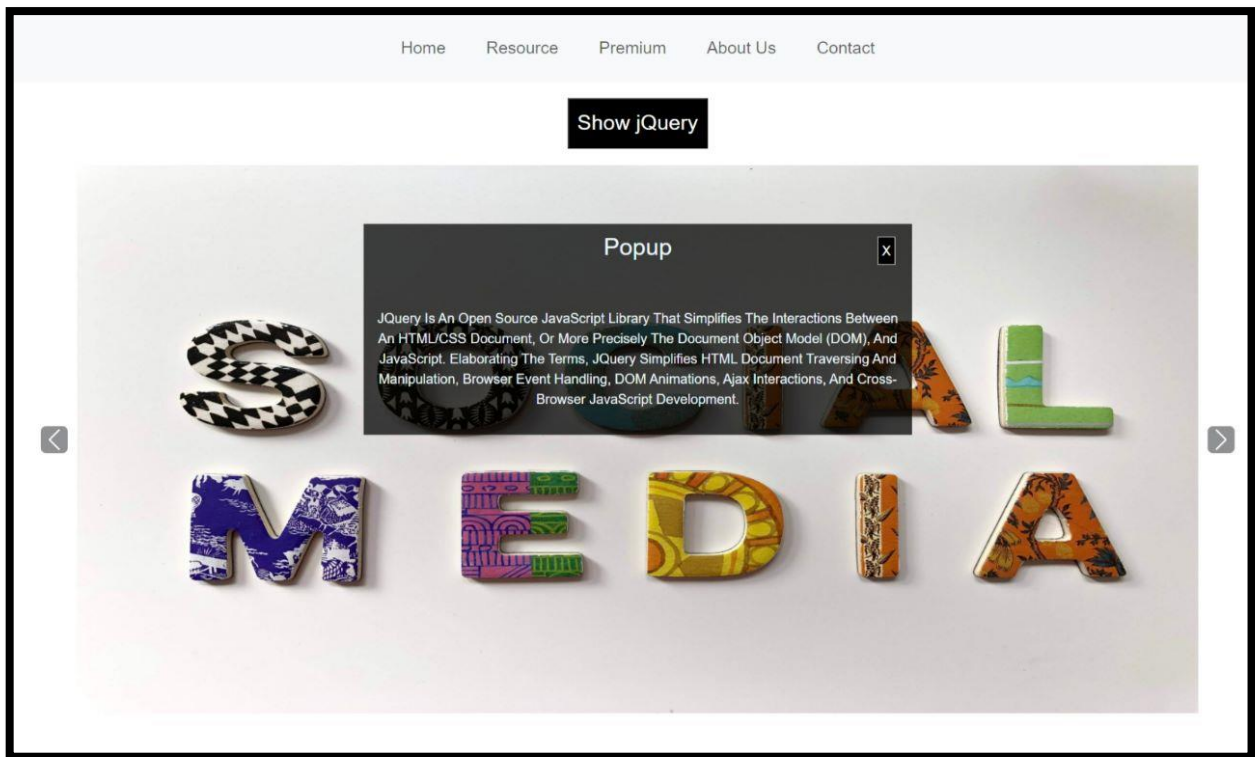
In browsers that implement the Page Visibility API, the carousel will prevent sliding when the webpage is not visible to the user (for example, when the browser tab is idle or the browser window is minimised).

Please keep in mind that nested carousels are not supported, and carousels in general do not meet accessibility criteria.

- **jQuery Example**



Click on **See JQuery**



After Clicking

- **jQuery animateNumber plugin:**

The jQuery animateNumber plugin allows numerical values to transition smoothly between animated states. It allows you to animate numerical data such as integers or decimals graphically. The following is a description of the jQuery animateNumber plugin:

- 1. Initialization:**

To use the jQuery animateNumber plugin, you need to include the jQuery library and the animateNumber plugin file in your HTML document. You can download the plugin file from the official jQuery animateNumber GitHub repository or include it from a CDN (Content Delivery Network).

2. HTML Markup:

In your HTML document, create an element, such as ``, where you want to display the animated number. Give it a unique identifier or class for easy targeting.

3. JavaScript Implementation:

In your JavaScript code, select the target element and use the `.animateNumber()` method to animate the number. Specify the target value, duration, and other options.

4. Popup using jQuery:

The undertaking is to produce a popup utilizing jQuery. Popups are useful for delivering important information to website visitors. The `toggle()` method of jQuery, which toggles between the `hide()` and `show()` functions of jQuery, checks the selector's visibility, can be used to create a straightforward pop.

The `stow away()` technique is run when the selector is apparent and `show()` is run when the selector isn't noticeable.

If the button marked "Show Popup" is pressed, the popup will appear, and if the button marked "Close" is pressed, it will disappear.

The `".content"` selector, which contains the popup's close button and body, is used for toggling. We initially utilized the `display` to conceal the popup upon page reload: `none` property on the `.content` class in style tag.

When the user clicks on the show popup button, the `onclick` event calls the `togglePopup()` function, which shows the popup, and when the user clicks on the close button, the `onclick` event calls the `togglePopup()` function, which conceals the popup.

