Assignment JQuery Basic, Effects & Advanced

***1. What is JQuery?***

Ans. *jQuery is a small, light-weight and fast JavaScript library. It is cross-platform and supports different types of browsers. It is also referred as ?write less do more? because it takes a lot of common tasks that requires many lines of JavaScript code to accomplish, and binds them into methods that can be called with a single line of code whenever needed. It is also very useful to simplify a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.*

*2. How to Apply CSS Using Using JQuery,How to Add CSS and Remove Class in JQuery,JQuery Animation ?*

*Ans. jQuery Manipulating CSS*

*1. addClass() - Adds one or more classes to the selected elements.*

*2. removeClass() - Removes one or more classes from the selected elements.*

*3. toggleClass() - Toggles between adding/removing classes from the selected elements.*

*4. css() - Sets or returns the style attribute.*

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*8. css() - Sets or returns the style attribute.*

*\* We are going to use jQuery and jQuery UI. jQuery UI (User Interface) is free and open-source software that is built on top of the core powerful jQuery library. If you want to use jQuery UI, you must include jQuery too. jQuery UI provides more features like add Class, color animation and easing, etc.*

*\*JQuery Add Class Method:*

*$("button").click(function(){*

*$("h1, h2, p").addClass("blue");*

*$("div").addClass("important");*

*});*

*\*JQuery Remove Class Method:*

*$("button").click(function(){*

*$("h1, h2, p").removeClass("blue");*

*});*

*3. How to create slider with animation?*

*Ans.*

*•Step 1: Come up with a strategy for the slider*

***-*** *You can make as many modifications as you want to Slider Revolution templates. That’s the great thing about using this plugin — you can have as much or as little control over the premade slider designs as you want.*

*That said, if you want to get the best results from the Website Intro Slider template, we’d recommend updating the main content — the background image, text layers, and button — and leaving everything else as is.*

*•Step 2: Update the background image in each slide*

***-*** *The first is that you want the text in the center of the graphic to remain the focus of the slide. While there are ways to adjust the styling of the text so that it contrasts well with any background imagery, it’s not a bad idea to pick visuals that frame the text well so your messaging has room to breathe.*

*Another thing to consider is the content of the imagery. If you look at the template example, there’s a lot of flavor in each photo. Bright colors. Dramatic content. Intriguing details. This is why decorative images that do little more than add texture or act as a filler won’t work as well in this slider.*

*•Step 3: Update the text layers in each slide*

***-*** *Hero images usually have three text layers in them:*

* *A short and engaging header*
* *A descriptive and lengthier subheader*
* *A call-to-action button*

*•Step 4: Edit the button text and design in each slide*

***-*** *When editing the button, follow the same basic guidelines as you did for the text:*

* *Align the style with your brand*
* *Make sure the color contrasts well with the background*
* *Keep the messaging and design consistent from slide to slide*

*To edit the button, use the settings under “Layer Options”:*

*•Step 5: Edit the slider navigation*

***-*** *The template contains two navigational guides:*

* ***Progress bar****at the very bottom of the screen that indicates how long before the slide moves to the next*
* ***Bullets****near the bottom of the screen that indicate which slide the visitor is on and allow them to instantly navigate to a different one*

*You can leave both of these elements in place or you can try mixing-and-matching other navigation options.*