**J-Query Assignment**

**1) What is JQuery?**

* jQuery is a lightweight, "write less, do more", JavaScript library.
* The purpose of jQuery is to make it much easier to use JavaScript on your website.
* jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.
* jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

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

* Css using JQuery:-
* The css() method sets or returns one or more style properties for the selected elements.
* **When used to return properties:**  
  This method returns the specified CSS property value of the FIRST matched element. However, shorthand CSS properties (like "background" and "border") are not fully supported and may give different results in different browsers.
* **When used to set properties:**  
  This method sets the specified CSS property for ALL matched elements.
* Add Class:-
* The addClass() method adds one or more class names to the selected elements.
* This method does not remove existing class attributes, it only adds one or more class names to the class attribute.

Syntax:-

* $(*selector*).addClass(*classname*,function(*index,currentclass*))
* Remove Class:-
* The removeClass() method removes one or more class names from the selected elements.

Syntax:-

* $(*selector*).removeClass(*classname*,function*(index,currentclass)*)
* JQuery Animation:-
* The animate() method performs a custom animation of a set of CSS properties.
* This method changes an element from one state to another with CSS styles. The CSS property value is changed gradually, to create an animated effect.

Syntax:-

* (*selector*).animate(*{styles},speed,easing,callback*)

**3) How to create slider with animation?**

* Step 1: Come up with a strategy for the slider. You can make many modifications as you want to Slider Revolution templates. ...
* Step 2: Update the background image in each slide. ...
* Step 3: Update the text layers in each slide. ...
* Step 4: Edit the button text and design in each slide. ...
* Step 5: Edit the slider navigation.