Frontend Assignment

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Course: Front End Development

Assignment-5 (JQuery Basic, Effects & Advance)

1) What is JQuery?

Ans) 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.

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

- **addClass()** - Adds one or more classes to the selected elements
  Ex: $("button").click(function(){
              $("h1, h2, p").addClass("MD");
              $("div").addClass("important");
            });

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

  Ex: $("button").click(function(){
              $("h1, h2, p").removeClass("MD");
            });

- **css()** - Sets or returns the style attribute
  Ex: $("p").css("background-color", "Yellow");

- **animate()** - method is used to create custom animations.

  $(selector).animate({params},speed,callback);

3) How to create slider with animation?

Ans) <u>**Steps to create slider with animation:**</u>

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

These are the following steps to create slider with animation.