



Frontend Assignment

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Course: Front End Development

Assignment-5 Web Designing

(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("VKR");  
    $("div").addClass("important");  
});
```
- **removeClass()** - Removes one or more classes from the selected elements
Ex:

```
$("#button").click(function(){  
    $("h1, h2, p").removeClass("VKR");  
});
```
- **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) Steps to create slider with animation:

- **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.