**Web designing assignment**

**Module (JQuery Basic, Effects & Advanced) – 5**

**1)what is jQuery?**

**Ans)** 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.

The purpose is to make it much easier to use javascript on your website.

jQuery examples:

jQuery selectors……..

jQuery events…….

jQuery hide/show……

jQuery fade…..

jQuery is an open-sourced javascript library that simplifies creartion and navigation of web application.

jQuery is fast, small,and feature-rich javascript library. It makes things like HTML document traversal and manipulation,event handling animation much simpler with an easy- to- use API that work across a multitude of browsers.

**2)How to apply css using jQuery, how to add class and remove class in jQuery, jQuery animation?**

**Ans)**

CSS:

The css method sets or returns one or more style properties for the selected elements.

$("p"). css ("

 background-color ", "

    pink ");

$("p"). css ("

 border ", "

    5px dotted red ");

$("p"). css ({

    "background-color ": "green ",

 "color": " white ",

 " font-size ": "  25px ",

 " padding ": "    15px "

});

ADD CLASS;

Adds one or more classes to the selected elements:

<script>

$(document).ready(function(){

  $("button").click(function(){

    $("h1, h2, p").addClass("blue");

    $("div").addClass("important");

  });

});

</script>

<script>

$(document).ready(function(){

  $("button").click(function(){

    $("#div1").addClass("important blue");

  });

});

</script>

REMOVE CLASS:

Removes one or more classes from the selected elements

<script>

$(document).ready(function(){

  $("button").click(function(){

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

  });

});

</script>

ANIMATION:

<script>

$(document).ready(function(){

  $("button").click(function(){

    $("div").animate({left: '250px'});

  });

});

</script>

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

**Ans)**

First, create a container element to hold the images and set its dimensions. Next, add the necessary styling to position the images within the container element. Then, create an array to hold the image URLs and use jQuery to dynamically populate the container with the images.

slideDown() method is used to slide down an element.

e.g. $(selector).slidedown(speed,callback);

slideUp() method is used to slide up an element.

e.g. $(selector).slideup(speed,callback);

slideToggle() method toggles between the slideDown() and slideUp() methods.

e.g. $(selector).slidetoggle(speed,callback);